

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
AMEA Sylacauga Plant	Alabama	56018	1		0				
AMEA Sylacauga Plant	Alabama	56018	2		0				
Barry	Alabama	3	1		2,622				
Barry	Alabama	3	2		2,580				
Barry	Alabama	3	3		4,420				
Barry	Alabama	3	4		5,781				
Barry	Alabama	3	5		12,838				
Barry	Alabama	3	6A		4				
Barry	Alabama	3	6B		4				
Barry	Alabama	3	7A		4				
Barry	Alabama	3	7B		4				
Calhoun Power Company I, LLC	Alabama	55409	CT1		3				
Calhoun Power Company I, LLC	Alabama	55409	CT2		2				
Calhoun Power Company I, LLC	Alabama	55409	CT3		3				
Calhoun Power Company I, LLC	Alabama	55409	CT4		3				
Charles R Lowman	Alabama	56	1		1,751				
Charles R Lowman	Alabama	56	2		4,625				
Charles R Lowman	Alabama	56	3		5,146				
Colbert	Alabama	47	1		3,420				
Colbert	Alabama	47	2		3,280				
Colbert	Alabama	47	3		3,356				
Colbert	Alabama	47	4		3,270				
Colbert	Alabama	47	5		6,629				
Colbert	Alabama	47	CCT1		2				
Colbert	Alabama	47	CCT2		1				
Colbert	Alabama	47	CCT3		1				
Colbert	Alabama	47	CCT4		1				
Colbert	Alabama	47	CCT5		0				
Colbert	Alabama	47	CCT6		0				
Colbert	Alabama	47	CCT7		1				
Colbert	Alabama	47	CCT8		1				
Decatur Energy Center	Alabama	55292	CTG-1		3				
Decatur Energy Center	Alabama	55292	CTG-2		3				
Decatur Energy Center	Alabama	55292	CTG-3		3				
Discover	Alabama	55138	1A		0				
Discover	Alabama	55138	1B		0				
Discover	Alabama	55138	2A		0				

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Discover	Alabama	55138	2B		0				
E B Harris Generating Plant	Alabama	7897	1A		2				
E B Harris Generating Plant	Alabama	7897	1B		2				
E B Harris Generating Plant	Alabama	7897	2A		2				
E B Harris Generating Plant	Alabama	7897	2B		2				
E C Gaston	Alabama	26	1		4,028				
E C Gaston	Alabama	26	2		3,898				
E C Gaston	Alabama	26	3		4,267				
E C Gaston	Alabama	26	4		3,986				
E C Gaston	Alabama	26	5		15,859				
Gadsden	Alabama	7	1		1,000				
Gadsden	Alabama	7	2		934				
Gorgas	Alabama	8	10		12,557				
Gorgas	Alabama	8	6		1,503				
Gorgas	Alabama	8	7		1,768				
Gorgas	Alabama	8	8		2,731				
Gorgas	Alabama	8	9		2,777				
Greene County	Alabama	10	1		5,158				
Greene County	Alabama	10	2		5,343				
Greene County	Alabama	10	CT10		33				
Greene County	Alabama	10	CT2		31				
Greene County	Alabama	10	CT3		30				
Greene County	Alabama	10	CT4		22				
Greene County	Alabama	10	CT5		34				
Greene County	Alabama	10	CT6		32				
Greene County	Alabama	10	CT7		34				
Greene County	Alabama	10	CT8		34				
Greene County	Alabama	10	CT9		36				
Hillabee Energy Center	Alabama	55411	CT1		3				
Hillabee Energy Center	Alabama	55411	CT2		3				
Hog Bayou Energy Center	Alabama	55241	COG01		1				
James H Miller Jr	Alabama	6002	1		15,746				
James H Miller Jr	Alabama	6002	2		15,114				
James H Miller Jr	Alabama	6002	3		15,305				
James H Miller Jr	Alabama	6002	4		14,384				
McIntosh (7063)	Alabama	7063	**1		0				
McIntosh (7063)	Alabama	7063	**2		0				

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McIntosh (7063)	Alabama	7063	**3		0				
McWilliams	Alabama	533	**4		1				
McWilliams	Alabama	533	**V1		3				
McWilliams	Alabama	533	**V2		3				
Morgan Energy Center	Alabama	55293	CT-1		4				
Morgan Energy Center	Alabama	55293	CT-2		3				
Morgan Energy Center	Alabama	55293	CT-3		3				
Plant H. Allen Franklin	Alabama	7710	1A		3				
Plant H. Allen Franklin	Alabama	7710	1B		3				
Plant H. Allen Franklin	Alabama	7710	2A		3				
Plant H. Allen Franklin	Alabama	7710	2B		3				
Plant H. Allen Franklin	Alabama	7710	3A		4				
Plant H. Allen Franklin	Alabama	7710	3B		4				
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1		2				
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1		1				
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2		1				
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3		1				
Tenaska Lindsay Hill	Alabama	55271	CT1		1				
Tenaska Lindsay Hill	Alabama	55271	CT2		1				
Tenaska Lindsay Hill	Alabama	55271	CT3		2				
Theodore Cogeneration	Alabama	7721	CC1		4				
Washington County Cogen (Olin)	Alabama	7697	CC1		3				
Widows Creek	Alabama	50	1		1,818				
Widows Creek	Alabama	50	2		1,754				
Widows Creek	Alabama	50	3		1,892				
Widows Creek	Alabama	50	4		1,971				
Widows Creek	Alabama	50	5		1,716				
Widows Creek	Alabama	50	6		1,985				
Widows Creek	Alabama	50	7		7,475				
Widows Creek	Alabama	50	8		6,632				
Carl Bailey	Arkansas	202	01						
Cecil Lynch	Arkansas	167	2						
Cecil Lynch	Arkansas	167	3						
City Water & Light - City of Jonesboro	Arkansas	56505	SN04						
City Water & Light - City of Jonesboro	Arkansas	56505	SN06						
City Water & Light - City of Jonesboro	Arkansas	56505	SN07						
Dell Power Plant	Arkansas	55340	1						

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Dell Power Plant	Arkansas	55340	2						
Flint Creek Power Plant	Arkansas	6138	1						
Fulton	Arkansas	7825	CT1						
Hamilton Moses	Arkansas	168	1						
Hamilton Moses	Arkansas	168	2						
Harry D. Mattison Power Plant	Arkansas	56328	1						
Harry D. Mattison Power Plant	Arkansas	56328	2						
Harry D. Mattison Power Plant	Arkansas	56328	3						
Harry D. Mattison Power Plant	Arkansas	56328	4						
Harvey Couch	Arkansas	169	1						
Harvey Couch	Arkansas	169	2						
Hot Spring Energy Facility	Arkansas	55418	CT-1						
Hot Spring Energy Facility	Arkansas	55418	CT-2						
Hot Spring Power Co., LLC	Arkansas	55714	SN-01						
Hot Spring Power Co., LLC	Arkansas	55714	SN-02						
Independence	Arkansas	6641	1						
Independence	Arkansas	6641	2						
Lake Catherine	Arkansas	170	1						
Lake Catherine	Arkansas	170	2						
Lake Catherine	Arkansas	170	3						
Lake Catherine	Arkansas	170	4						
McClellan	Arkansas	203	01						
Oswald Generating Station	Arkansas	55221	G1						
Oswald Generating Station	Arkansas	55221	G2						
Oswald Generating Station	Arkansas	55221	G3						
Oswald Generating Station	Arkansas	55221	G4						
Oswald Generating Station	Arkansas	55221	G5						
Oswald Generating Station	Arkansas	55221	G6						
Oswald Generating Station	Arkansas	55221	G7						
Pine Bluff Energy Center	Arkansas	55075	CT-1						
Robert E Ritchie	Arkansas	173	2						
Thomas Fitzhugh	Arkansas	201	2						
Union Power Station	Arkansas	55380	CTG-1						
Union Power Station	Arkansas	55380	CTG-2						
Union Power Station	Arkansas	55380	CTG-3						
Union Power Station	Arkansas	55380	CTG-4						
Union Power Station	Arkansas	55380	CTG-5						

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Union Power Station	Arkansas	55380	CTG-6						
Union Power Station	Arkansas	55380	CTG-7						
Union Power Station	Arkansas	55380	CTG-8						
White Bluff	Arkansas	6009	1						
White Bluff	Arkansas	6009	2						
Anclote	Florida	8048	1						
Anclote	Florida	8048	2						
Arvah B Hopkins	Florida	688	1						
Arvah B Hopkins	Florida	688	2A						
Arvah B Hopkins	Florida	688	HC2						
Arvah B Hopkins	Florida	688	HC3						
Arvah B Hopkins	Florida	688	HC4						
Auburndale Cogeneration Facility	Florida	54658	1						
Auburndale Peaker Energy Center	Florida	55833	6						
Avon Park	Florida	624	P1						
Avon Park	Florida	624	P2						
Bayboro	Florida	627	1A						
Bayboro	Florida	627	1B						
Bayboro	Florida	627	2A						
Bayboro	Florida	627	2B						
Bayboro	Florida	627	3A						
Bayboro	Florida	627	3B						
Bayboro	Florida	627	4A						
Bayboro	Florida	627	4B						
Bayside Power Station	Florida	7873	CT1A						
Bayside Power Station	Florida	7873	CT1B						
Bayside Power Station	Florida	7873	CT1C						
Bayside Power Station	Florida	7873	CT2A						
Bayside Power Station	Florida	7873	CT2B						
Bayside Power Station	Florida	7873	CT2C						
Bayside Power Station	Florida	7873	CT2D						
Bayside Power Station	Florida	7873	CT3A						
Bayside Power Station	Florida	7873	CT3B						
Bayside Power Station	Florida	7873	CT4A						
Bayside Power Station	Florida	7873	CT4B						
Bayside Power Station	Florida	7873	CT5A						
Bayside Power Station	Florida	7873	CT5B						

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Bayside Power Station	Florida	7873	CT6A						
Bayside Power Station	Florida	7873	CT6B						
Big Bend	Florida	645	BB01						
Big Bend	Florida	645	BB02						
Big Bend	Florida	645	BB03						
Big Bend	Florida	645	BB04						
Big Bend	Florida	645	CT4A						
Big Bend	Florida	645	CT4B						
Brandy Branch	Florida	7846	1						
Brandy Branch	Florida	7846	2						
Brandy Branch	Florida	7846	3						
C D McIntosh Jr Power Plant	Florida	676	1						
C D McIntosh Jr Power Plant	Florida	676	2						
C D McIntosh Jr Power Plant	Florida	676	3						
C D McIntosh Jr Power Plant	Florida	676	5						
Cane Island	Florida	7238	**1						
Cane Island	Florida	7238	2						
Cane Island	Florida	7238	3						
Cape Canaveral	Florida	609	PCC1						
Cape Canaveral	Florida	609	PCC2						
Cedar Bay Generating Co. LP	Florida	10672	CBA						
Cedar Bay Generating Co. LP	Florida	10672	CBB						
Cedar Bay Generating Co. LP	Florida	10672	CBC						
Central Power & Lime	Florida	10333	1						
Charles Larsen Memorial Power Plant	Florida	675	**8						
Crist Electric Generating Plant	Florida	641	4						
Crist Electric Generating Plant	Florida	641	5						
Crist Electric Generating Plant	Florida	641	6						
Crist Electric Generating Plant	Florida	641	7						
Crystal River	Florida	628	1						
Crystal River	Florida	628	2						
Crystal River	Florida	628	4						
Crystal River	Florida	628	5						
Curtis H. Stanton Energy Center	Florida	564	1						
Curtis H. Stanton Energy Center	Florida	564	2						
Curtis H. Stanton Energy Center	Florida	564	CCB						
Cutler	Florida	610	PCU5						

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Cutler	Florida	610	PCU6						
Debary	Florida	6046	**10						
Debary	Florida	6046	**7						
Debary	Florida	6046	**8						
Debary	Florida	6046	**9						
Debary	Florida	6046	P1						
Debary	Florida	6046	P2						
Debary	Florida	6046	P3						
Debary	Florida	6046	P4						
Debary	Florida	6046	P5						
Debary	Florida	6046	P6						
Deerhaven	Florida	663	B1						
Deerhaven	Florida	663	B2						
Deerhaven	Florida	663	CT3						
Desoto County Energy Park	Florida	55422	CT1						
Desoto County Energy Park	Florida	55422	CT2						
Fort Myers	Florida	612	FMCT2A						
Fort Myers	Florida	612	FMCT2B						
Fort Myers	Florida	612	FMCT2C						
Fort Myers	Florida	612	FMCT2D						
Fort Myers	Florida	612	FMCT2E						
Fort Myers	Florida	612	FMCT2F						
Fort Myers	Florida	612	GFM01						
Fort Myers	Florida	612	GFM02						
Fort Myers	Florida	612	GFM03						
Fort Myers	Florida	612	GFM04						
Fort Myers	Florida	612	GFM05						
Fort Myers	Florida	612	GFM06						
Fort Myers	Florida	612	GFM07						
Fort Myers	Florida	612	GFM08						
Fort Myers	Florida	612	GFM09						
Fort Myers	Florida	612	GFM10						
Fort Myers	Florida	612	GFM11						
Fort Myers	Florida	612	GFM12						
Fort Myers	Florida	612	PFM3A						
Fort Myers	Florida	612	PFM3B						
G E Turner	Florida	629	P3						

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G E Turner	Florida	629	P4						
Hardee Power Station	Florida	50949	CT1A						
Hardee Power Station	Florida	50949	CT1B						
Hardee Power Station	Florida	50949	CT2A						
Hardee Power Station	Florida	50949	CT2B						
Higgins	Florida	630	P1						
Higgins	Florida	630	P2						
Higgins	Florida	630	P3						
Higgins	Florida	630	P4						
Hines Energy Complex	Florida	7302	1A						
Hines Energy Complex	Florida	7302	1B						
Hines Energy Complex	Florida	7302	2A						
Hines Energy Complex	Florida	7302	2B						
Hines Energy Complex	Florida	7302	3A						
Hines Energy Complex	Florida	7302	3B						
Hines Energy Complex	Florida	7302	4A						
Hines Energy Complex	Florida	7302	4B						
Indian River (55318)	Florida	55318	1						
Indian River (55318)	Florida	55318	2						
Indian River (55318)	Florida	55318	3						
Indian River (683)	Florida	683	**C						
Indian River (683)	Florida	683	**D						
Indian River (683)	Florida	683	A						
Indian River (683)	Florida	683	B						
Indiantown Cogeneration, LP	Florida	50976	01						
Intercession City	Florida	8049	**10						
Intercession City	Florida	8049	**11						
Intercession City	Florida	8049	**12						
Intercession City	Florida	8049	**13						
Intercession City	Florida	8049	**14						
Intercession City	Florida	8049	**7						
Intercession City	Florida	8049	**8						
Intercession City	Florida	8049	**9						
Intercession City	Florida	8049	1A						
Intercession City	Florida	8049	1B						
Intercession City	Florida	8049	2A						
Intercession City	Florida	8049	2B						

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Intercession City	Florida	8049	3A						
Intercession City	Florida	8049	3B						
Intercession City	Florida	8049	4A						
Intercession City	Florida	8049	4B						
Intercession City	Florida	8049	5A						
Intercession City	Florida	8049	5B						
Intercession City	Florida	8049	6A						
Intercession City	Florida	8049	6B						
J D Kennedy	Florida	666	7						
J D Kennedy	Florida	666	CT8						
J R Kelly	Florida	664	CC1						
Lake Cogeneration	Florida	54423	EU003						
Lake Cogeneration	Florida	54423	EU004						
Lansing Smith Generating Plant	Florida	643	1						
Lansing Smith Generating Plant	Florida	643	2						
Lansing Smith Generating Plant	Florida	643	4						
Lansing Smith Generating Plant	Florida	643	5						
Lansing Smith Generating Plant	Florida	643	AA						
Lansing Smith Generating Plant	Florida	643	AB						
Lauderdale	Florida	613	4GT1						
Lauderdale	Florida	613	4GT2						
Lauderdale	Florida	613	5GT1						
Lauderdale	Florida	613	5GT2						
Lauderdale	Florida	613	GFL01						
Lauderdale	Florida	613	GFL02						
Lauderdale	Florida	613	GFL03						
Lauderdale	Florida	613	GFL04						
Lauderdale	Florida	613	GFL05						
Lauderdale	Florida	613	GFL06						
Lauderdale	Florida	613	GFL07						
Lauderdale	Florida	613	GFL08						
Lauderdale	Florida	613	GFL09						
Lauderdale	Florida	613	GFL10						
Lauderdale	Florida	613	GFL11						
Lauderdale	Florida	613	GFL12						
Lauderdale	Florida	613	GFL13						
Lauderdale	Florida	613	GFL14						

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Lauderdale	Florida	613	GFL15						
Lauderdale	Florida	613	GFL16						
Lauderdale	Florida	613	GFL17						
Lauderdale	Florida	613	GFL18						
Lauderdale	Florida	613	GFL19						
Lauderdale	Florida	613	GFL20						
Lauderdale	Florida	613	GFL21						
Lauderdale	Florida	613	GFL22						
Lauderdale	Florida	613	GFL23						
Lauderdale	Florida	613	GFL24						
Manatee	Florida	6042	MTCT3A						
Manatee	Florida	6042	MTCT3B						
Manatee	Florida	6042	MTCT3C						
Manatee	Florida	6042	MTCT3D						
Manatee	Florida	6042	PMT1						
Manatee	Florida	6042	PMT2						
Martin	Florida	6043	HRSG3A						
Martin	Florida	6043	HRSG3B						
Martin	Florida	6043	HRSG4A						
Martin	Florida	6043	HRSG4B						
Martin	Florida	6043	PMR1						
Martin	Florida	6043	PMR2						
Martin	Florida	6043	PMR8A						
Martin	Florida	6043	PMR8B						
Martin	Florida	6043	PMR8C						
Martin	Florida	6043	PMR8D						
Midulla Generating Station	Florida	7380	1						
Midulla Generating Station	Florida	7380	2						
Midulla Generating Station	Florida	7380	4A						
Midulla Generating Station	Florida	7380	4B						
Midulla Generating Station	Florida	7380	5A						
Midulla Generating Station	Florida	7380	5B						
Midulla Generating Station	Florida	7380	6A						
Midulla Generating Station	Florida	7380	6B						
Midulla Generating Station	Florida	7380	7A						
Midulla Generating Station	Florida	7380	7B						
Midulla Generating Station	Florida	7380	8A						

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Midulla Generating Station	Florida	7380	8B						
Mulberry Cogeneration Facility	Florida	54426	1						
Northside	Florida	667	1A						
Northside	Florida	667	2A						
Northside	Florida	667	3						
Northside	Florida	667	GT3						
Northside	Florida	667	GT4						
Northside	Florida	667	GT5						
Northside	Florida	667	GT6						
Oleander Power Project	Florida	55286	O-1						
Oleander Power Project	Florida	55286	O-2						
Oleander Power Project	Florida	55286	O-3						
Oleander Power Project	Florida	55286	O-4						
Oleander Power Project	Florida	55286	O-5						
Orange Cogeneration Facility	Florida	54365	1						
Orange Cogeneration Facility	Florida	54365	2						
Orlando CoGen	Florida	54466	1						
Osceola	Florida	55192	OSC1						
Osceola	Florida	55192	OSC2						
Osceola	Florida	55192	OSC3						
Osprey Energy Center	Florida	55412	CT1						
Osprey Energy Center	Florida	55412	CT2						
P L Bartow	Florida	634	4A						
P L Bartow	Florida	634	4B						
P L Bartow	Florida	634	4C						
P L Bartow	Florida	634	4D						
P L Bartow	Florida	634	P1						
P L Bartow	Florida	634	P2						
P L Bartow	Florida	634	P3						
P L Bartow	Florida	634	P4						
Pasco Cogeneration	Florida	54424	EU001						
Pasco Cogeneration	Florida	54424	EU002						
Polk	Florida	7242	**1						
Polk	Florida	7242	**2						
Polk	Florida	7242	**3						
Polk	Florida	7242	**4						
Polk	Florida	7242	**5						

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Port Everglades	Florida	617	GPE01						
Port Everglades	Florida	617	GPE02						
Port Everglades	Florida	617	GPE03						
Port Everglades	Florida	617	GPE04						
Port Everglades	Florida	617	GPE05						
Port Everglades	Florida	617	GPE06						
Port Everglades	Florida	617	GPE07						
Port Everglades	Florida	617	GPE08						
Port Everglades	Florida	617	GPE09						
Port Everglades	Florida	617	GPE10						
Port Everglades	Florida	617	GPE11						
Port Everglades	Florida	617	GPE12						
Port Everglades	Florida	617	PPE1						
Port Everglades	Florida	617	PPE2						
Port Everglades	Florida	617	PPE3						
Port Everglades	Florida	617	PPE4						
Putnam	Florida	6246	HRSG11						
Putnam	Florida	6246	HRSG12						
Putnam	Florida	6246	HRSG21						
Putnam	Florida	6246	HRSG22						
Reedy Creek	Florida	7254	32432						
Ridge Generating Station	Florida	54529	001						
Riviera	Florida	619	PRV3						
Riviera	Florida	619	PRV4						
Roy E Hansel Power Plant	Florida	672	CT21						
S O Purdom	Florida	689	7						
S O Purdom	Florida	689	8						
Sanford	Florida	620	PSN3						
Sanford	Florida	620	SNCT4A						
Sanford	Florida	620	SNCT4B						
Sanford	Florida	620	SNCT4C						
Sanford	Florida	620	SNCT4D						
Sanford	Florida	620	SNCT5A						
Sanford	Florida	620	SNCT5B						
Sanford	Florida	620	SNCT5C						
Sanford	Florida	620	SNCT5D						
Santa Rosa Energy Center	Florida	55242	CT-1						

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Scholz Electric Generating Plant	Florida	642	1						
Scholz Electric Generating Plant	Florida	642	2						
Seminole (136)	Florida	136	1						
Seminole (136)	Florida	136	2						
Shady Hills	Florida	55414	GT101						
Shady Hills	Florida	55414	GT201						
Shady Hills	Florida	55414	GT301						
St. Johns River Power	Florida	207	1						
St. Johns River Power	Florida	207	2						
Stanton A	Florida	55821	25						
Stanton A	Florida	55821	26						
Stock Island	Florida	6584	CT4						
Suwannee River	Florida	638	1						
Suwannee River	Florida	638	1A						
Suwannee River	Florida	638	1B						
Suwannee River	Florida	638	2						
Suwannee River	Florida	638	2A						
Suwannee River	Florida	638	2B						
Suwannee River	Florida	638	3						
Suwannee River	Florida	638	3A						
Suwannee River	Florida	638	3B						
Tiger Bay	Florida	7699	1						
Tom G Smith	Florida	673	GT1						
Tom G Smith	Florida	673	S-3						
Treasure Coast Energy Center	Florida	56400	1						
Turkey Point	Florida	621	PTP1						
Turkey Point	Florida	621	PTP2						
Turkey Point	Florida	621	TPCT5A						
Turkey Point	Florida	621	TPCT5B						
Turkey Point	Florida	621	TPCT5C						
Turkey Point	Florida	621	TPCT5D						
University of Florida	Florida	7345	1						
Vandolah Power Project	Florida	55415	GT101						
Vandolah Power Project	Florida	55415	GT201						
Vandolah Power Project	Florida	55415	GT301						
Vandolah Power Project	Florida	55415	GT401						
Vero Beach Municipal	Florida	693	**5						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Vero Beach Municipal	Florida	693	3						
Vero Beach Municipal	Florida	693	4						
West County Energy Center	Florida	56407	WCCT1A						
West County Energy Center	Florida	56407	WCCT1B						
West County Energy Center	Florida	56407	WCCT1C						
West County Energy Center	Florida	56407	WCCT2A						
West County Energy Center	Florida	56407	WCCT2B						
West County Energy Center	Florida	56407	WCCT2C						
A B Brown Generating Station	Indiana	6137	1		3,805	2,103	2,103	2,103	2,103
A B Brown Generating Station	Indiana	6137	2		3,934	2,174	2,174	2,174	2,174
A B Brown Generating Station	Indiana	6137	3		1	1	1	1	1
A B Brown Generating Station	Indiana	6137	4		0	0	0	0	0
Alcoa Allowance Management Inc	Indiana	6705	4		5,670	3,134	3,134	3,134	3,134
Anderson	Indiana	7336	ACT1		1	1	1	1	1
Anderson	Indiana	7336	ACT2		1	1	1	1	1
Anderson	Indiana	7336	ACT3		0	0	0	0	0
Bailly Generating Station	Indiana	995	10		0	0	0	0	0
Bailly Generating Station	Indiana	995	7		2,644	1,461	1,461	1,461	1,461
Bailly Generating Station	Indiana	995	8		4,539	2,509	2,509	2,509	2,509
Broadway Avenue Generating Station	Indiana	1011	1		0	0	0	0	0
Broadway Avenue Generating Station	Indiana	1011	2		0	0	0	0	0
Cayuga	Indiana	1001	1		7,147	3,950	3,950	3,950	3,950
Cayuga	Indiana	1001	2		7,047	3,895	3,895	3,895	3,895
Cayuga	Indiana	1001	4		1	1	1	1	1
Clifty Creek	Indiana	983	1		3,028	1,674	1,674	1,674	1,674
Clifty Creek	Indiana	983	2		3,259	1,801	1,801	1,801	1,801
Clifty Creek	Indiana	983	3		3,107	1,718	1,718	1,718	1,718
Clifty Creek	Indiana	983	4		3,029	1,674	1,674	1,674	1,674
Clifty Creek	Indiana	983	5		3,258	1,801	1,801	1,801	1,801
Clifty Creek	Indiana	983	6		3,109	1,718	1,718	1,718	1,718
Connersville Peaking Station	Indiana	1002	1A		0	0	0	0	0
Connersville Peaking Station	Indiana	1002	1B		0	0	0	0	0
Connersville Peaking Station	Indiana	1002	2A		0	0	0	0	0
Connersville Peaking Station	Indiana	1002	2B		0	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	11		0	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	4		0	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	5		0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Dean H Mitchell Generating Station	Indiana	996	6		0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	1		0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	2		0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	3		0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	4		0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	5		0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	6		0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	7		0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	8		0	0	0	0	0
Edwardsport	Indiana	1004	6-1		1	1	1	1	1
Edwardsport	Indiana	1004	7-1		243	134	134	134	134
Edwardsport	Indiana	1004	7-2		208	115	115	115	115
Edwardsport	Indiana	1004	8-1		251	139	139	139	139
F B Culley Generating Station	Indiana	1012	2		1,488	935	935	935	935
F B Culley Generating Station	Indiana	1012	3		2,923	2,829	2,829	2,829	2,829
Frank E Ratts	Indiana	1043	1SG1		1,982	1,096	1,096	1,096	1,096
Frank E Ratts	Indiana	1043	2SG1		2,082	1,151	1,151	1,151	1,151
Georgetown Substation	Indiana	7759	GT1		0	0	0	0	0
Georgetown Substation	Indiana	7759	GT2		0	0	0	0	0
Georgetown Substation	Indiana	7759	GT3		0	0	0	0	0
Georgetown Substation	Indiana	7759	GT4		0	0	0	0	0
Gibson	Indiana	6113	1		9,965	5,508	5,508	5,508	5,508
Gibson	Indiana	6113	2		9,842	5,440	5,440	5,440	5,440
Gibson	Indiana	6113	3		10,643	5,883	5,883	5,883	5,883
Gibson	Indiana	6113	4		9,178	5,431	5,431	5,431	5,431
Gibson	Indiana	6113	5		8,443	4,667	4,667	4,667	4,667
Harding Street Station (EW Stout)	Indiana	990	10		1	1	1	1	1
Harding Street Station (EW Stout)	Indiana	990	50		1,521	841	841	841	841
Harding Street Station (EW Stout)	Indiana	990	60		1,451	802	802	802	802
Harding Street Station (EW Stout)	Indiana	990	70		5,731	3,168	3,168	3,168	3,168
Harding Street Station (EW Stout)	Indiana	990	9		1	1	1	1	1
Harding Street Station (EW Stout)	Indiana	990	GT4		2	2	2	2	2
Harding Street Station (EW Stout)	Indiana	990	GT5		2	2	2	2	2
Harding Street Station (EW Stout)	Indiana	990	GT6		0	0	0	0	0
Henry County Generating Station	Indiana	7763	1		0	0	0	0	0
Henry County Generating Station	Indiana	7763	2		0	0	0	0	0
Henry County Generating Station	Indiana	7763	3		0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Hoosier Energy Lawrence Co Station	Indiana	7948	1		0	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	2		0	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	3		0	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	4		0	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	5		0	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	6		0	0	0	0	0
IPL Eagle Valley Generating Station	Indiana	991	1		1	1	1	1	1
IPL Eagle Valley Generating Station	Indiana	991	2		1	1	1	1	1
IPL Eagle Valley Generating Station	Indiana	991	3		512	283	283	283	283
IPL Eagle Valley Generating Station	Indiana	991	4		824	456	456	456	456
IPL Eagle Valley Generating Station	Indiana	991	5		690	381	381	381	381
IPL Eagle Valley Generating Station	Indiana	991	6		1,285	710	710	710	710
Lawrenceburg Energy Facility	Indiana	55502	1		1	1	1	1	1
Lawrenceburg Energy Facility	Indiana	55502	2		1	1	1	1	1
Lawrenceburg Energy Facility	Indiana	55502	3		1	1	1	1	1
Lawrenceburg Energy Facility	Indiana	55502	4		1	1	1	1	1
Merom	Indiana	6213	1SG1		8,582	4,743	4,743	4,743	4,743
Merom	Indiana	6213	2SG1		8,479	4,686	4,686	4,686	4,686
Michigan City Generating Station	Indiana	997	12		6,321	3,494	3,494	3,494	3,494
Michigan City Generating Station	Indiana	997	4		0	0	0	0	0
Michigan City Generating Station	Indiana	997	5		0	0	0	0	0
Michigan City Generating Station	Indiana	997	6		0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT1		0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT2		0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G2CT1		0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G2CT2		0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G3CT1		0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G3CT2		0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G4CT1		0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G4CT2		0	0	0	0	0
Noblesville	Indiana	1007	CT3		0	0	0	0	0
Noblesville	Indiana	1007	CT4		0	0	0	0	0
Noblesville	Indiana	1007	CT5		0	0	0	0	0
Petersburg	Indiana	994	1		3,766	2,081	2,081	2,081	2,081
Petersburg	Indiana	994	2		2,358	2,358	2,358	2,358	2,358
Petersburg	Indiana	994	3		9,589	5,300	5,300	5,300	5,300
Petersburg	Indiana	994	4		9,251	5,113	5,113	5,113	5,113

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Portside Energy	Indiana	55096	GT		8	8	8	8	8
R Gallagher	Indiana	1008	1		0	0	0	0	0
R Gallagher	Indiana	1008	2		1,658	917	917	917	917
R Gallagher	Indiana	1008	3		0	0	0	0	0
R Gallagher	Indiana	1008	4		1,587	877	877	877	877
R M Schahfer Generating Station	Indiana	6085	14		6,778	3,746	3,746	3,746	3,746
R M Schahfer Generating Station	Indiana	6085	15		7,995	4,419	4,419	4,419	4,419
R M Schahfer Generating Station	Indiana	6085	16A		0	0	0	0	0
R M Schahfer Generating Station	Indiana	6085	16B		0	0	0	0	0
R M Schahfer Generating Station	Indiana	6085	17		6,362	3,516	3,516	3,516	3,516
R M Schahfer Generating Station	Indiana	6085	18		6,514	3,600	3,600	3,600	3,600
Richmond (IN)	Indiana	7335	RCT1		1	1	1	1	1
Richmond (IN)	Indiana	7335	RCT2		0	0	0	0	0
Rockport	Indiana	6166	MB1		21,539	11,905	11,905	11,905	11,905
Rockport	Indiana	6166	MB2		20,154	11,140	11,140	11,140	11,140
State Line Generating Station (IN)	Indiana	981	3		3,056	1,689	1,689	1,689	1,689
State Line Generating Station (IN)	Indiana	981	4		4,848	2,680	2,680	2,680	2,680
Sugar Creek Generating Station	Indiana	55364	CT11		2	2	2	2	2
Sugar Creek Generating Station	Indiana	55364	CT12		2	2	2	2	2
Tanners Creek	Indiana	988	U1		2,003	1,107	1,107	1,107	1,107
Tanners Creek	Indiana	988	U2		1,942	1,073	1,073	1,073	1,073
Tanners Creek	Indiana	988	U3		2,664	1,473	1,473	1,473	1,473
Tanners Creek	Indiana	988	U4		5,887	3,254	3,254	3,254	3,254
Wabash River Gen Station	Indiana	1010	1		1,112	1,112	1,112	1,112	1,112
Wabash River Gen Station	Indiana	1010	2		1,314	727	727	727	727
Wabash River Gen Station	Indiana	1010	3		1,272	703	703	703	703
Wabash River Gen Station	Indiana	1010	4		1,469	812	812	812	812
Wabash River Gen Station	Indiana	1010	5		1,348	745	745	745	745
Wabash River Gen Station	Indiana	1010	6		4,999	2,763	2,763	2,763	2,763
Wheatland Generating Facility LLC	Indiana	55224	EU-01		0	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-02		0	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-03		0	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-04		0	0	0	0	0
Whitewater Valley	Indiana	1040	1		298	165	165	165	165
Whitewater Valley	Indiana	1040	2		839	464	464	464	464
Whiting Clean Energy, Inc.	Indiana	55259	CT1		4	4	4	4	4
Whiting Clean Energy, Inc.	Indiana	55259	CT2		3	3	3	3	3

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Worthington Generation	Indiana	55148	1		0	0	0	0	0
Worthington Generation	Indiana	55148	2		0	0	0	0	0
Worthington Generation	Indiana	55148	3		0	0	0	0	0
Worthington Generation	Indiana	55148	4		0	0	0	0	0
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	0	0	0	0	0	0
Chanute 2	Kansas	1268	14	0	0	0	0	0	0
Cimarron River	Kansas	1230	1	1	1	1	1	1	1
Clifton	Kansas	8037	T1	3	3	3	3	3	3
Coffeyville	Kansas	1271	4	0	0	0	0	0	0
East 12th Street	Kansas	7013	4	4	4	4	4	4	4
Emporia Energy Center	Kansas	56502	EEC1	0	0	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC2	0	0	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC3	0	0	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC4	0	0	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC5	0	0	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC6	0	0	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC7	0	0	0	0	0	0
Fort Dodge aka Judson Large	Kansas	1233	4	2	2	2	2	2	2
Garden City	Kansas	1336	S-2	0	0	0	0	0	0
Garden City	Kansas	1336	S4	0	0	0	0	0	0
Garden City	Kansas	1336	S5	0	0	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	1	321	321	321	321	321	321
Gordon Evans Energy Center	Kansas	1240	2	701	701	701	701	701	701
Gordon Evans Energy Center	Kansas	1240	E1CT	0	0	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	E2CT	0	0	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	E3CT	0	0	0	0	0	0
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	1	1	1	1	1	1
Holcomb	Kansas	108	SGU1	2,228	2,228	2,228	2,228	2,228	2,228
Hutchinson Energy Center	Kansas	1248	4	336	336	336	336	336	336
Hutchinson Energy Center	Kansas	1248	GT1	0	0	0	0	0	0
Hutchinson Energy Center	Kansas	1248	GT2	0	0	0	0	0	0
Hutchinson Energy Center	Kansas	1248	GT3	0	0	0	0	0	0
Hutchinson Energy Center	Kansas	1248	GT4	1	1	1	1	1	1
Jeffrey Energy Center	Kansas	6068	1	2,270	2,270	2,270	2,270	2,270	2,270
Jeffrey Energy Center	Kansas	6068	2	2,197	2,197	2,197	2,197	2,197	2,197
Jeffrey Energy Center	Kansas	6068	3	2,133	2,133	2,133	2,133	2,133	2,133
La Cygne	Kansas	1241	1	8,041	8,041	8,041	8,041	8,041	8,041

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La Cygne	Kansas	1241	2	7,908	7,908	7,908	7,908	7,908	7,908
Lawrence Energy Center	Kansas	1250	3	727	727	727	727	727	727
Lawrence Energy Center	Kansas	1250	4	619	619	619	619	619	619
Lawrence Energy Center	Kansas	1250	5	4,028	4,028	4,028	4,028	4,028	4,028
McPherson 2	Kansas	1305	GT1	0	0	0	0	0	0
McPherson 2	Kansas	1305	GT2	0	0	0	0	0	0
McPherson 2	Kansas	1305	GT3	0	0	0	0	0	0
McPherson 3	Kansas	7515	1	0	0	0	0	0	0
Murray Gill Energy Center	Kansas	1242	1	0	0	0	0	0	0
Murray Gill Energy Center	Kansas	1242	2	44	44	44	44	44	44
Murray Gill Energy Center	Kansas	1242	3	231	231	231	231	231	231
Murray Gill Energy Center	Kansas	1242	4	165	165	165	165	165	165
Nearman Creek	Kansas	6064	CT4	7	7	7	7	7	7
Nearman Creek	Kansas	6064	N1	2,935	2,935	2,935	2,935	2,935	2,935
Neosho Energy Center	Kansas	1243	7	11	11	11	11	11	11
Osawatomie Generating Station	Kansas	7928	1	0	0	0	0	0	0
Quindaro	Kansas	1295	1	934	934	934	934	934	934
Quindaro	Kansas	1295	2	1,193	1,193	1,193	1,193	1,193	1,193
Quindaro	Kansas	1295	GT2	5	5	5	5	5	5
Quindaro	Kansas	1295	GT3	5	5	5	5	5	5
Riverton	Kansas	1239	12	1	1	1	1	1	1
Riverton	Kansas	1239	39	394	394	394	394	394	394
Riverton	Kansas	1239	40	667	667	667	667	667	667
Tecumseh Energy Center	Kansas	1252	10	1,593	1,593	1,593	1,593	1,593	1,593
Tecumseh Energy Center	Kansas	1252	9	987	987	987	987	987	987
West Gardner Generating Station	Kansas	7929	1	0	0	0	0	0	0
West Gardner Generating Station	Kansas	7929	2	0	0	0	0	0	0
West Gardner Generating Station	Kansas	7929	3	0	0	0	0	0	0
West Gardner Generating Station	Kansas	7929	4	0	0	0	0	0	0
Big Sandy	Kentucky	1353	BSU1		3,447				
Big Sandy	Kentucky	1353	BSU2		12,094				
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1		0				
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2		0				
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3		0				
Cane Run	Kentucky	1363	4		2,576				
Cane Run	Kentucky	1363	5		2,589				
Cane Run	Kentucky	1363	6		3,327				

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Coleman	Kentucky	1381	C1		2,710				
Coleman	Kentucky	1381	C2		2,710				
Coleman	Kentucky	1381	C3		2,890				
D B Wilson	Kentucky	6823	W1		8,518				
E W Brown	Kentucky	1355	1		1,260				
E W Brown	Kentucky	1355	10		0				
E W Brown	Kentucky	1355	11		1				
E W Brown	Kentucky	1355	2		2,361				
E W Brown	Kentucky	1355	3		5,462				
E W Brown	Kentucky	1355	5		0				
E W Brown	Kentucky	1355	6		5				
E W Brown	Kentucky	1355	7		2				
E W Brown	Kentucky	1355	8		1				
E W Brown	Kentucky	1355	9		1				
East Bend	Kentucky	6018	2		10,242				
Elmer Smith	Kentucky	1374	1		2,400				
Elmer Smith	Kentucky	1374	2		4,028				
Ghent	Kentucky	1356	1		6,046				
Ghent	Kentucky	1356	2		7,378				
Ghent	Kentucky	1356	3		8,063				
Ghent	Kentucky	1356	4		6,945				
Green River	Kentucky	1357	4		1,081				
Green River	Kentucky	1357	5		1,395				
H L Spurlock	Kentucky	6041	1		4,960				
H L Spurlock	Kentucky	6041	2		8,852				
H L Spurlock	Kentucky	6041	3		1,539				
H L Spurlock	Kentucky	6041	4		1,024				
HMP&L Station 2	Kentucky	1382	H1		2,518				
HMP&L Station 2	Kentucky	1382	H2		3,036				
John S. Cooper	Kentucky	1384	1		1,492				
John S. Cooper	Kentucky	1384	2		2,822				
Marshall	Kentucky	55232	CT1		0				
Marshall	Kentucky	55232	CT2		0				
Marshall	Kentucky	55232	CT3		0				
Marshall	Kentucky	55232	CT4		0				
Marshall	Kentucky	55232	CT5		0				
Marshall	Kentucky	55232	CT6		0				

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Marshall	Kentucky	55232	CT7		0				
Marshall	Kentucky	55232	CT8		0				
Mill Creek	Kentucky	1364	1		4,595				
Mill Creek	Kentucky	1364	2		4,961				
Mill Creek	Kentucky	1364	3		6,864				
Mill Creek	Kentucky	1364	4		8,076				
Paddy's Run	Kentucky	1366	12		0				
Paddy's Run	Kentucky	1366	13		0				
Paradise	Kentucky	1378	1		9,721				
Paradise	Kentucky	1378	2		10,286				
Paradise	Kentucky	1378	3		13,826				
R D Green	Kentucky	6639	G1		2,078				
R D Green	Kentucky	6639	G2		1,771				
Riverside Generating Company	Kentucky	55198	GTG101		0				
Riverside Generating Company	Kentucky	55198	GTG201		0				
Riverside Generating Company	Kentucky	55198	GTG301		0				
Riverside Generating Company	Kentucky	55198	GTG401		0				
Riverside Generating Company	Kentucky	55198	GTG501		0				
Robert Reid	Kentucky	1383	R1		515				
Robert Reid	Kentucky	1383	RT		11				
Shawnee	Kentucky	1379	1		2,278				
Shawnee	Kentucky	1379	10		1,947				
Shawnee	Kentucky	1379	2		2,299				
Shawnee	Kentucky	1379	3		2,313				
Shawnee	Kentucky	1379	4		2,199				
Shawnee	Kentucky	1379	5		2,283				
Shawnee	Kentucky	1379	6		2,255				
Shawnee	Kentucky	1379	7		2,381				
Shawnee	Kentucky	1379	8		2,289				
Shawnee	Kentucky	1379	9		2,218				
Smith Generating Facility	Kentucky	54	SCT1		4				
Smith Generating Facility	Kentucky	54	SCT10		0				
Smith Generating Facility	Kentucky	54	SCT2		3				
Smith Generating Facility	Kentucky	54	SCT3		2				
Smith Generating Facility	Kentucky	54	SCT4		2				
Smith Generating Facility	Kentucky	54	SCT5		0				
Smith Generating Facility	Kentucky	54	SCT6		1				

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Smith Generating Facility	Kentucky	54	SCT7		1				
Smith Generating Facility	Kentucky	54	SCT9		0				
Trimble County	Kentucky	6071	1		5,945				
Trimble County	Kentucky	6071	10		0				
Trimble County	Kentucky	6071	5		0				
Trimble County	Kentucky	6071	6		0				
Trimble County	Kentucky	6071	7		0				
Trimble County	Kentucky	6071	8		1				
Trimble County	Kentucky	6071	9		1				
Tyrone	Kentucky	1361	5		986				
William C. Dale	Kentucky	1385	1		347				
William C. Dale	Kentucky	1385	2		348				
William C. Dale	Kentucky	1385	3		1,086				
William C. Dale	Kentucky	1385	4		1,029				
Acadia Power Station	Louisiana	55173	CT1						
Acadia Power Station	Louisiana	55173	CT2						
Acadia Power Station	Louisiana	55173	CT3						
Acadia Power Station	Louisiana	55173	CT4						
Arsenal Hill Power Plant	Louisiana	1416	5A						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4						
Big Cajun 1	Louisiana	1464	1B1						
Big Cajun 1	Louisiana	1464	1B2						
Big Cajun 1	Louisiana	1464	CTG1						
Big Cajun 1	Louisiana	1464	CTG2						
Big Cajun 2	Louisiana	6055	2B1						
Big Cajun 2	Louisiana	6055	2B2						
Big Cajun 2	Louisiana	6055	2B3						
Brame Energy Center	Louisiana	6190	1						
Brame Energy Center	Louisiana	6190	2						
Brame Energy Center	Louisiana	6190	3-1						
Brame Energy Center	Louisiana	6190	3-2						
Calcasieu Plant	Louisiana	55165	GTG1						
Calcasieu Plant	Louisiana	55165	GTG2						
Carville Energy Center	Louisiana	55404	COG01						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Carville Energy Center	Louisiana	55404	COG02						
Coughlin Power Station	Louisiana	1396	6-1						
Coughlin Power Station	Louisiana	1396	7-1						
Coughlin Power Station	Louisiana	1396	7-2						
D G Hunter	Louisiana	6558	3						
D G Hunter	Louisiana	6558	4						
Doc Bonin	Louisiana	1443	1						
Doc Bonin	Louisiana	1443	2						
Doc Bonin	Louisiana	1443	3						
Dolet Hills Power Station	Louisiana	51	1						
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1						
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2						
Houma	Louisiana	1439	15						
Houma	Louisiana	1439	16						
Lieberman Power Plant	Louisiana	1417	3						
Lieberman Power Plant	Louisiana	1417	4						
Little Gypsy	Louisiana	1402	1						
Little Gypsy	Louisiana	1402	2						
Little Gypsy	Louisiana	1402	3						
Louisiana 1	Louisiana	1391	1A						
Louisiana 1	Louisiana	1391	2A						
Louisiana 1	Louisiana	1391	3A						
Louisiana 1	Louisiana	1391	4A						
Louisiana 1	Louisiana	1391	5A						
Michoud	Louisiana	1409	1						
Michoud	Louisiana	1409	2						
Michoud	Louisiana	1409	3						
Morgan City Electrical Gen Facility	Louisiana	1449	4						
Natchitoches	Louisiana	1450	10						
Nelson Industrial Steam Company	Louisiana	50030	1A						
Nelson Industrial Steam Company	Louisiana	50030	2A						
Ninemile Point	Louisiana	1403	1						
Ninemile Point	Louisiana	1403	2						
Ninemile Point	Louisiana	1403	3						
Ninemile Point	Louisiana	1403	4						
Ninemile Point	Louisiana	1403	5						
Ouachita Plant	Louisiana	55467	CTGEN1						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Ouachita Plant	Louisiana	55467	CTGEN2						
Ouachita Plant	Louisiana	55467	CTGEN3						
Perryville Power Station	Louisiana	55620	1-1						
Perryville Power Station	Louisiana	55620	1-2						
Perryville Power Station	Louisiana	55620	2-1						
Plaquemine Cogen Facility	Louisiana	55419	500						
Plaquemine Cogen Facility	Louisiana	55419	600						
Plaquemine Cogen Facility	Louisiana	55419	700						
Plaquemine Cogen Facility	Louisiana	55419	800						
R S Cogen	Louisiana	55117	RS-5						
R S Cogen	Louisiana	55117	RS-6						
R S Nelson	Louisiana	1393	3						
R S Nelson	Louisiana	1393	4						
R S Nelson	Louisiana	1393	6						
Sterlington	Louisiana	1404	10						
Sterlington	Louisiana	1404	7AB						
Sterlington	Louisiana	1404	7C						
T J Labbe Electric Generating Station	Louisiana	56108	U-1						
T J Labbe Electric Generating Station	Louisiana	56108	U-2						
Taft Cogeneration Facility	Louisiana	55089	CT1						
Taft Cogeneration Facility	Louisiana	55089	CT2						
Taft Cogeneration Facility	Louisiana	55089	CT3						
Teche Power Station	Louisiana	1400	2						
Teche Power Station	Louisiana	1400	3						
Waterford 1 & 2	Louisiana	8056	1						
Waterford 1 & 2	Louisiana	8056	2						
Waterford 1 & 2	Louisiana	8056	4						
Willow Glen	Louisiana	1394	1						
Willow Glen	Louisiana	1394	2						
Willow Glen	Louisiana	1394	3						
Willow Glen	Louisiana	1394	4						
Willow Glen	Louisiana	1394	5						
48th Street Peaking Station	Michigan	7258	**7						
48th Street Peaking Station	Michigan	7258	**8						
48th Street Peaking Station	Michigan	7258	9						
B C Cobb	Michigan	1695	4						
B C Cobb	Michigan	1695	5						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Belle River	Michigan	6034	1						
Belle River	Michigan	6034	2						
Belle River	Michigan	6034	CTG121						
Belle River	Michigan	6034	CTG122						
Belle River	Michigan	6034	CTG131						
Cadillac Renewable Energy	Michigan	54415	EUBLR						
Conners Creek	Michigan	1726	15						
Conners Creek	Michigan	1726	16						
Conners Creek	Michigan	1726	17						
Conners Creek	Michigan	1726	18						
DTE East China	Michigan	55718	1						
DTE East China	Michigan	55718	2						
DTE East China	Michigan	55718	3						
DTE East China	Michigan	55718	4						
DTE Pontiac North LLC	Michigan	10111	EUBHB9						
Dan E Karn	Michigan	1702	1						
Dan E Karn	Michigan	1702	2						
Dan E Karn	Michigan	1702	3						
Dan E Karn	Michigan	1702	4						
Dearborn Industrial Generation	Michigan	55088	BL1100						
Dearborn Industrial Generation	Michigan	55088	BL2100						
Dearborn Industrial Generation	Michigan	55088	BL3100						
Dearborn Industrial Generation	Michigan	55088	GT2100						
Dearborn Industrial Generation	Michigan	55088	GT3100						
Dearborn Industrial Generation	Michigan	55088	GTP1						
Delray	Michigan	1728	CTG111						
Delray	Michigan	1728	CTG121						
Eckert Station	Michigan	1831	1						
Eckert Station	Michigan	1831	2						
Eckert Station	Michigan	1831	3						
Eckert Station	Michigan	1831	4						
Eckert Station	Michigan	1831	5						
Eckert Station	Michigan	1831	6						
Endicott Generating	Michigan	4259	1						
Erickson	Michigan	1832	1						
Genesee Power Station	Michigan	54751	01						
Grayling Generating Station	Michigan	10822	1						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Greenwood	Michigan	6035	1						
Greenwood	Michigan	6035	CTG111						
Greenwood	Michigan	6035	CTG112						
Greenwood	Michigan	6035	CTG121						
Hancock Peakers	Michigan	1730	CTG121						
Hancock Peakers	Michigan	1730	CTG122						
Harbor Beach	Michigan	1731	1						
J B Sims	Michigan	1825	3						
J C Weadock	Michigan	1720	7						
J C Weadock	Michigan	1720	8						
J H Campbell	Michigan	1710	1						
J H Campbell	Michigan	1710	2						
J H Campbell	Michigan	1710	3						
J R Whiting	Michigan	1723	1						
J R Whiting	Michigan	1723	2						
J R Whiting	Michigan	1723	3						
Jackson MI Facility	Michigan	55270	7EA						
Jackson MI Facility	Michigan	55270	LM1						
Jackson MI Facility	Michigan	55270	LM2						
Jackson MI Facility	Michigan	55270	LM3						
Jackson MI Facility	Michigan	55270	LM4						
Jackson MI Facility	Michigan	55270	LM5						
Jackson MI Facility	Michigan	55270	LM6						
James De Young	Michigan	1830	5						
Kalamazoo River Generating Station	Michigan	55101	1						
Kalkaska Ct Project #1	Michigan	7984	1A						
Kalkaska Ct Project #1	Michigan	7984	1B						
Livingston Generating Station	Michigan	55102	1						
Livingston Generating Station	Michigan	55102	2						
Livingston Generating Station	Michigan	55102	3						
Livingston Generating Station	Michigan	55102	4						
Michigan Power Limited Partnership	Michigan	54915	1						
Midland Cogeneration Venture	Michigan	10745	003						
Midland Cogeneration Venture	Michigan	10745	004						
Midland Cogeneration Venture	Michigan	10745	005						
Midland Cogeneration Venture	Michigan	10745	006						
Midland Cogeneration Venture	Michigan	10745	007						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Midland Cogeneration Venture	Michigan	10745	008						
Midland Cogeneration Venture	Michigan	10745	009						
Midland Cogeneration Venture	Michigan	10745	010						
Midland Cogeneration Venture	Michigan	10745	011						
Midland Cogeneration Venture	Michigan	10745	012						
Midland Cogeneration Venture	Michigan	10745	013						
Midland Cogeneration Venture	Michigan	10745	014						
Midland Cogeneration Venture	Michigan	10745	016						
Midland Cogeneration Venture	Michigan	10745	017						
Midland Cogeneration Venture	Michigan	10745	018						
Midland Cogeneration Venture	Michigan	10745	019						
Midland Cogeneration Venture	Michigan	10745	020						
Midland Cogeneration Venture	Michigan	10745	021						
Mistersky	Michigan	1822	5						
Mistersky	Michigan	1822	6						
Mistersky	Michigan	1822	7						
Mistersky	Michigan	1822	GT-1						
Monroe	Michigan	1733	1						
Monroe	Michigan	1733	2						
Monroe	Michigan	1733	3						
Monroe	Michigan	1733	4						
New Covert Generating Project	Michigan	55297	001						
New Covert Generating Project	Michigan	55297	002						
New Covert Generating Project	Michigan	55297	003						
Presque Isle	Michigan	1769	5						
Presque Isle	Michigan	1769	6						
Presque Isle	Michigan	1769	7						
Presque Isle	Michigan	1769	8						
Presque Isle	Michigan	1769	9						
Renaissance Power	Michigan	55402	CT1						
Renaissance Power	Michigan	55402	CT2						
Renaissance Power	Michigan	55402	CT3						
Renaissance Power	Michigan	55402	CT4						
River Rouge	Michigan	1740	1						
River Rouge	Michigan	1740	2						
River Rouge	Michigan	1740	3						
Shiras	Michigan	1843	3						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
St. Clair	Michigan	1743	1						
St. Clair	Michigan	1743	2						
St. Clair	Michigan	1743	3						
St. Clair	Michigan	1743	4						
St. Clair	Michigan	1743	6						
St. Clair	Michigan	1743	7						
Sumpter Plant	Michigan	7972	1						
Sumpter Plant	Michigan	7972	2						
Sumpter Plant	Michigan	7972	3						
Sumpter Plant	Michigan	7972	4						
TES Filer City Station	Michigan	50835	1						
TES Filer City Station	Michigan	50835	2						
Thetford	Michigan	1719	1						
Thetford	Michigan	1719	2						
Thetford	Michigan	1719	3						
Thetford	Michigan	1719	4						
Trenton Channel	Michigan	1745	16						
Trenton Channel	Michigan	1745	17						
Trenton Channel	Michigan	1745	18						
Trenton Channel	Michigan	1745	19						
Trenton Channel	Michigan	1745	9A						
Wyandotte	Michigan	1866	5						
Wyandotte	Michigan	1866	7						
Wyandotte	Michigan	1866	8						
Zeeland Generating Station	Michigan	55087	CC1						
Zeeland Generating Station	Michigan	55087	CC2						
Zeeland Generating Station	Michigan	55087	CC3						
Zeeland Generating Station	Michigan	55087	CC4						
Attala Generating Plant	Mississippi	55220	A01						
Attala Generating Plant	Mississippi	55220	A02						
Batesville Generation Facility	Mississippi	55063	1						
Batesville Generation Facility	Mississippi	55063	2						
Batesville Generation Facility	Mississippi	55063	3						
Baxter Wilson	Mississippi	2050	1						
Baxter Wilson	Mississippi	2050	2						
Caledonia	Mississippi	55197	AA-001						
Caledonia	Mississippi	55197	AA-002						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Caledonia	Mississippi	55197	AA-003						
Chevron Cogenerating Station	Mississippi	2047	5						
Choctaw County Gen	Mississippi	55706	CTG1						
Choctaw County Gen	Mississippi	55706	CTG2						
Choctaw County Gen	Mississippi	55706	CTG3						
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001						
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002						
Crossroads Energy Center (CPU)	Mississippi	55395	CT01						
Crossroads Energy Center (CPU)	Mississippi	55395	CT02						
Crossroads Energy Center (CPU)	Mississippi	55395	CT03						
Crossroads Energy Center (CPU)	Mississippi	55395	CT04						
Daniel Electric Generating Plant	Mississippi	6073	1						
Daniel Electric Generating Plant	Mississippi	6073	2						
Daniel Electric Generating Plant	Mississippi	6073	3A						
Daniel Electric Generating Plant	Mississippi	6073	3B						
Daniel Electric Generating Plant	Mississippi	6073	4A						
Daniel Electric Generating Plant	Mississippi	6073	4B						
Delta	Mississippi	2051	1						
Delta	Mississippi	2051	2						
Gerald Andrus	Mississippi	8054	1						
Hinds Energy Facility	Mississippi	55218	H01						
Hinds Energy Facility	Mississippi	55218	H02						
Kemper County	Mississippi	7960	KCT1						
Kemper County	Mississippi	7960	KCT2						
Kemper County	Mississippi	7960	KCT3						
Kemper County	Mississippi	7960	KCT4						
Magnolia Facility	Mississippi	55451	CTG-1						
Magnolia Facility	Mississippi	55451	CTG-2						
Magnolia Facility	Mississippi	55451	CTG-3						
Moselle Generating Plant	Mississippi	2070	**4						
Moselle Generating Plant	Mississippi	2070	1						
Moselle Generating Plant	Mississippi	2070	2						
Moselle Generating Plant	Mississippi	2070	3						
Moselle Generating Plant	Mississippi	2070	5						
R D Morrow Senior Generating Plant	Mississippi	6061	1						
R D Morrow Senior Generating Plant	Mississippi	6061	2						
Red Hills Generation Facility	Mississippi	55076	AA001						

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Red Hills Generation Facility	Mississippi	55076	AA002						
Rex Brown	Mississippi	2053	3						
Rex Brown	Mississippi	2053	4						
Silver Creek Generating Plant	Mississippi	7988	1						
Silver Creek Generating Plant	Mississippi	7988	2						
Silver Creek Generating Plant	Mississippi	7988	3						
Southaven Combined Cycle	Mississippi	55269	AA-001						
Southaven Combined Cycle	Mississippi	55269	AA-002						
Southaven Combined Cycle	Mississippi	55269	AA-003						
Sweatt Electric Generating Plant	Mississippi	2048	1						
Sweatt Electric Generating Plant	Mississippi	2048	2						
Sweatt Electric Generating Plant	Mississippi	2048	CTA						
Sweatt Electric Generating Plant	Mississippi	2048	CTB						
Sylvarena Generating Plant	Mississippi	7989	1						
Sylvarena Generating Plant	Mississippi	7989	2						
Sylvarena Generating Plant	Mississippi	7989	3						
Watson Electric Generating Plant	Mississippi	2049	1						
Watson Electric Generating Plant	Mississippi	2049	2						
Watson Electric Generating Plant	Mississippi	2049	3						
Watson Electric Generating Plant	Mississippi	2049	4						
Watson Electric Generating Plant	Mississippi	2049	5						
Watson Electric Generating Plant	Mississippi	2049	CTA						
Watson Electric Generating Plant	Mississippi	2049	CTB						
Beatrice	Nebraska	8000	1						
Beatrice	Nebraska	8000	2						
C W Burdick	Nebraska	2241	B-3						
C W Burdick	Nebraska	2241	GT-2						
C W Burdick	Nebraska	2241	GT-3						
Canaday	Nebraska	2226	1						
Cass County Station	Nebraska	55972	CT1						
Cass County Station	Nebraska	55972	CT2						
Gerald Gentleman Station	Nebraska	6077	1						
Gerald Gentleman Station	Nebraska	6077	2						
Gerald Whelan Energy Center	Nebraska	60	1						
Hallam	Nebraska	2265	1						
Hebron	Nebraska	2266	1						
J Street	Nebraska	2250	1						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Jones Street	Nebraska	2290	1						
Jones Street	Nebraska	2290	2						
Lon D Wright Power Plant	Nebraska	2240	50T						
Lon D Wright Power Plant	Nebraska	2240	8						
McCook	Nebraska	2271	1						
Nebraska City Station	Nebraska	6096	1						
Nebraska City Station	Nebraska	6096	2						
North Omaha Station	Nebraska	2291	1						
North Omaha Station	Nebraska	2291	2						
North Omaha Station	Nebraska	2291	3						
North Omaha Station	Nebraska	2291	4						
North Omaha Station	Nebraska	2291	5						
Platte	Nebraska	59	1						
Rokeyby	Nebraska	6373	1						
Rokeyby	Nebraska	6373	2						
Rokeyby	Nebraska	6373	3						
Sarpy County	Nebraska	2292	1						
Sarpy County	Nebraska	2292	2						
Sarpy County Station	Nebraska	2292	CT3						
Sarpy County Station	Nebraska	2292	CT4A						
Sarpy County Station	Nebraska	2292	CT4B						
Sarpy County Station	Nebraska	2292	CT5A						
Sarpy County Station	Nebraska	2292	CT5B						
Sheldon	Nebraska	2277	1						
Sheldon	Nebraska	2277	2						
Terry Bundy Generating Station	Nebraska	7887	SVGS2						
Terry Bundy Generating Station	Nebraska	7887	SVGS3						
Terry Bundy Generating Station	Nebraska	7887	SVGS4						
AES Red Oak	New Jersey	55239	1	3	3				
AES Red Oak	New Jersey	55239	2	3	3				
AES Red Oak	New Jersey	55239	3	3	3				
B L England	New Jersey	2378	1	355	355				
B L England	New Jersey	2378	2	493	493				
B L England	New Jersey	2378	3	49	49				
Bayonne Plant Holding, LLC	New Jersey	50497	001001	1	1				
Bayonne Plant Holding, LLC	New Jersey	50497	002001	2	2				
Bayonne Plant Holding, LLC	New Jersey	50497	004001	3	3				

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Bergen	New Jersey	2398	1101	5	5				
Bergen	New Jersey	2398	1201	6	6				
Bergen	New Jersey	2398	1301	13	13				
Bergen	New Jersey	2398	1401	4	4				
Bergen	New Jersey	2398	2101	5	5				
Bergen	New Jersey	2398	2201	6	6				
Burlington Generating Station	New Jersey	2399	12001	1	1				
Burlington Generating Station	New Jersey	2399	121	5	5				
Burlington Generating Station	New Jersey	2399	122	6	6				
Burlington Generating Station	New Jersey	2399	123	7	7				
Burlington Generating Station	New Jersey	2399	124	8	8				
Burlington Generating Station	New Jersey	2399	14001	1	1				
Burlington Generating Station	New Jersey	2399	16001	1	1				
Burlington Generating Station	New Jersey	2399	18001	1	1				
Burlington Generating Station	New Jersey	2399	28001	1	1				
Burlington Generating Station	New Jersey	2399	30001	1	1				
Burlington Generating Station	New Jersey	2399	32001	1	1				
Burlington Generating Station	New Jersey	2399	34001	1	1				
Camden Plant Holding, LLC	New Jersey	10751	002001	3	3				
Carlls Corner Energy Center	New Jersey	2379	002001	0	0				
Carlls Corner Energy Center	New Jersey	2379	003001	0	0				
Carneys Point	New Jersey	10566	1001	757	757				
Carneys Point	New Jersey	10566	1002	708	708				
Cedar Energy Station	New Jersey	2380	002001	0	0				
Cedar Energy Station	New Jersey	2380	003001	0	0				
Cedar Energy Station	New Jersey	2380	004001	0	0				
Cumberland Energy Center	New Jersey	5083	004001	0	0				
Cumberland Energy Center	New Jersey	5083	05001	0	0				
Deepwater	New Jersey	2384	1	7	7				
Deepwater	New Jersey	2384	8	250	250				
EFS Parlin Holdings, LLC	New Jersey	50799	001001	0	0				
EFS Parlin Holdings, LLC	New Jersey	50799	003001	0	0				
Edison	New Jersey	2400	1001	0	0				
Edison	New Jersey	2400	11001	1	1				
Edison	New Jersey	2400	13001	0	0				
Edison	New Jersey	2400	15001	1	1				
Edison	New Jersey	2400	17001	1	1				

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Edison	New Jersey	2400	19001	1	1				
Edison	New Jersey	2400	21001	1	1				
Edison	New Jersey	2400	23001	1	1				
Edison	New Jersey	2400	3001	1	1				
Edison	New Jersey	2400	5001	0	0				
Edison	New Jersey	2400	7001	0	0				
Edison	New Jersey	2400	9001	1	1				
Elmwood Park Power - LLC	New Jersey	50852	002001	0	0				
Essex	New Jersey	2401	10001	1	1				
Essex	New Jersey	2401	12001	2	2				
Essex	New Jersey	2401	14001	1	1				
Essex	New Jersey	2401	16001	1	1				
Essex	New Jersey	2401	18001	1	1				
Essex	New Jersey	2401	20001	1	1				
Essex	New Jersey	2401	2001	1	1				
Essex	New Jersey	2401	22001	1	1				
Essex	New Jersey	2401	24001	1	1				
Essex	New Jersey	2401	26001	1	1				
Essex	New Jersey	2401	28001	1	1				
Essex	New Jersey	2401	35001	0	0				
Essex	New Jersey	2401	4001	2	2				
Forked River	New Jersey	7138	002001	1	1				
Forked River	New Jersey	7138	003001	1	1				
Gilbert Generating Station	New Jersey	2393	04	8	8				
Gilbert Generating Station	New Jersey	2393	05	7	7				
Gilbert Generating Station	New Jersey	2393	06	7	7				
Gilbert Generating Station	New Jersey	2393	07	7	7				
Gilbert Generating Station	New Jersey	2393	9	4	4				
Hudson Generating Station	New Jersey	2403	1	53	53				
Hudson Generating Station	New Jersey	2403	2	1,792	1,792				
Kearny Generating Station	New Jersey	2404	121	0	0				
Kearny Generating Station	New Jersey	2404	122	1	1				
Kearny Generating Station	New Jersey	2404	123	0	0				
Kearny Generating Station	New Jersey	2404	124	0	0				
Kearny Generating Station	New Jersey	2404	16001	0	0				
Kearny Generating Station	New Jersey	2404	17001	0	0				
Lakewood Cogeneration	New Jersey	54640	001001	1	1				

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Lakewood Cogeneration	New Jersey	54640	002001	1	1				
Linden Cogeneration Facility	New Jersey	50006	004001	14	14				
Linden Cogeneration Facility	New Jersey	50006	005001	2	2				
Linden Cogeneration Facility	New Jersey	50006	006001	2	2				
Linden Cogeneration Facility	New Jersey	50006	007001	2	2				
Linden Cogeneration Facility	New Jersey	50006	008001	2	2				
Linden Cogeneration Facility	New Jersey	50006	009001	2	2				
Linden Generating Station	New Jersey	2406	1101	4	4				
Linden Generating Station	New Jersey	2406	1201	4	4				
Linden Generating Station	New Jersey	2406	2101	3	3				
Linden Generating Station	New Jersey	2406	2201	3	3				
Linden Generating Station	New Jersey	2406	5	9	9				
Linden Generating Station	New Jersey	2406	6	10	10				
Linden Generating Station	New Jersey	2406	7	2	2				
Linden Generating Station	New Jersey	2406	8	11	11				
Logan Generating Plant	New Jersey	10043	1001	769	769				
Mercer Generating Station	New Jersey	2408	1	1,034	1,034				
Mercer Generating Station	New Jersey	2408	2	866	866				
Mercer Generating Station	New Jersey	2408	7001	0	0				
Mickleton Energy Center	New Jersey	8008	001001	0	0				
Middle Energy Center	New Jersey	2382	005001	0	0				
Newark Bay Cogen	New Jersey	50385	1001	1	1				
Newark Bay Cogen	New Jersey	50385	2001	0	0				
North Jersey Energy Associates	New Jersey	10308	1001	1	1				
North Jersey Energy Associates	New Jersey	10308	1002	1	1				
Ocean Peaking Power, LP	New Jersey	55938	OPP3	0	0				
Ocean Peaking Power, LP	New Jersey	55938	OPP4	0	0				
Pedricktown Cogeneration Plant	New Jersey	10099	001001	1	1				
Salem	New Jersey	2410	2001	0	0				
Sayreville	New Jersey	2390	012001	1	1				
Sayreville	New Jersey	2390	014001	0	0				
Sayreville	New Jersey	2390	015001	2	2				
Sayreville	New Jersey	2390	016001	3	3				
Sewaren Generating Station	New Jersey	2411	1	19	19				
Sewaren Generating Station	New Jersey	2411	12001	0	0				
Sewaren Generating Station	New Jersey	2411	2	22	22				
Sewaren Generating Station	New Jersey	2411	3	35	35				

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Sewaren Generating Station	New Jersey	2411	4	55	55				
Sherman Avenue	New Jersey	7288	1	2	2				
Sunoco Power Generation, LLC	New Jersey	50561	0001	0	0				
Sunoco Power Generation, LLC	New Jersey	50561	0002	1	1				
Werner	New Jersey	2385	009001	2	2				
Werner	New Jersey	2385	010001	2	2				
Werner	New Jersey	2385	011001	1	1				
Werner	New Jersey	2385	012001	2	2				
West Station	New Jersey	6776	002001	9	9				
23rd and 3rd	New York	7910	2301	0	0	0	0	0	0
23rd and 3rd	New York	7910	2302	0	0	0	0	0	0
74th Street	New York	2504	120	116	116	80	80	80	80
74th Street	New York	2504	121	132	132	91	91	91	91
74th Street	New York	2504	122	120	120	83	83	83	83
AES Cayuga, LLC	New York	2535	1	974	974	673	673	673	673
AES Cayuga, LLC	New York	2535	2	966	966	667	667	667	667
AES Greenidge	New York	2527	4	48	48	33	33	33	33
AES Greenidge	New York	2527	5	42	42	29	29	29	29
AES Greenidge	New York	2527	6	558	558	385	385	385	385
AES Somerset (Kintigh)	New York	6082	1	4,278	4,278	2,953	2,953	2,953	2,953
AES Westover (Goudey)	New York	2526	13	413	413	285	285	285	285
AG - Energy	New York	10803	1	2	2	2	2	2	2
AG - Energy	New York	10803	2	1	1	1	1	1	1
Allegany Station No. 133	New York	10619	00001	0	0	0	0	0	0
Arthur Kill	New York	2490	20	3	3	3	3	3	3
Arthur Kill	New York	2490	30	3	3	3	3	3	3
Astoria Energy	New York	55375	CT1	5	5	5	5	5	5
Astoria Energy	New York	55375	CT2	5	5	5	5	5	5
Astoria Gas Turbine Power	New York	55243	CT2-1A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-1B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-2A	2	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-2B	2	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-3A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-3B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-4A	0	0	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT2-4B	0	0	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-1A	0	0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Astoria Gas Turbine Power	New York	55243	CT3-1B	0	0	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-2A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-2B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-3A	0	0	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-3B	0	0	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-4A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-4B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-1A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-1B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-2A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-2B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-3A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-3B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-4A	2	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-4B	2	2	2	2	2	2
Astoria Generating Station	New York	8906	20	0	0	0	0	0	0
Astoria Generating Station	New York	8906	31RH	60	60	60	60	60	60
Astoria Generating Station	New York	8906	32SH	58	58	58	58	58	58
Astoria Generating Station	New York	8906	41SH	57	57	57	57	57	57
Astoria Generating Station	New York	8906	42RH	56	56	56	56	56	56
Astoria Generating Station	New York	8906	51RH	44	44	44	44	44	44
Astoria Generating Station	New York	8906	52SH	43	43	43	43	43	43
Athens Generating Company	New York	55405	1	5	5	5	5	5	5
Athens Generating Company	New York	55405	2	4	4	4	4	4	4
Athens Generating Company	New York	55405	3	5	5	5	5	5	5
Batavia Energy	New York	54593	1	0	0	0	0	0	0
Bayswater Peaking Facility	New York	55699	1	0	0	0	0	0	0
Bayswater Peaking Facility	New York	55699	2	7	7	7	7	7	7
Bethlehem Energy Center (Albany)	New York	2539	10001	4	4	4	4	4	4
Bethlehem Energy Center (Albany)	New York	2539	10002	3	3	3	3	3	3
Bethlehem Energy Center (Albany)	New York	2539	10003	3	3	3	3	3	3
Bethpage Energy Center	New York	50292	GT1	1	1	1	1	1	1
Bethpage Energy Center	New York	50292	GT2	1	1	1	1	1	1
Bethpage Energy Center	New York	50292	GT3	0	0	0	0	0	0
Bethpage Energy Center	New York	50292	GT4	1	1	1	1	1	1
Binghamton Cogen Plant	New York	55600	1	0	0	0	0	0	0
Black River Generation, LLC	New York	10464	E0001	91	91	91	91	91	91

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Black River Generation, LLC	New York	10464	E0002	90	90	90	90	90	90
Black River Generation, LLC	New York	10464	E0003	90	90	90	90	90	90
Bowline Generating Station	New York	2625	1	298	298	206	206	206	206
Bowline Generating Station	New York	2625	2	116	116	80	80	80	80
Brentwood	New York	7912	BW01	0	0	0	0	0	0
Brooklyn Navy Yard Cogeneration	New York	54914	1	14	14	14	14	14	14
Brooklyn Navy Yard Cogeneration	New York	54914	2	13	13	13	13	13	13
Caithness Long Island Energy Center	New York	56234	0001	4	4	4	4	4	4
Carr Street Generating Station	New York	50978	A	2	2	2	2	2	2
Carr Street Generating Station	New York	50978	B	2	2	2	2	2	2
Carthage Energy	New York	10620	1	2	2	2	2	2	2
Castleton Power, LLC	New York	10190	1	8	8	8	8	8	8
Charles Poletti	New York	2491	001	1,610	1,610	1,265	1,265	1,265	1,265
Dynegy Danskammer	New York	2480	1	23	23	16	16	16	16
Dynegy Danskammer	New York	2480	2	20	20	14	14	14	14
Dynegy Danskammer	New York	2480	3	803	803	554	554	554	554
Dynegy Danskammer	New York	2480	4	1,380	1,380	953	953	953	953
Dynegy Roseton	New York	8006	1	265	265	183	183	183	183
Dynegy Roseton	New York	8006	2	372	372	257	257	257	257
E F Barrett	New York	2511	10	316	316	316	316	316	316
E F Barrett	New York	2511	20	376	376	376	376	376	376
E F Barrett	New York	2511	U00012	3	3	3	3	3	3
E F Barrett	New York	2511	U00013	3	3	3	3	3	3
E F Barrett	New York	2511	U00014	2	2	2	2	2	2
E F Barrett	New York	2511	U00015	2	2	2	2	2	2
E F Barrett	New York	2511	U00016	5	5	5	5	5	5
E F Barrett	New York	2511	U00017	5	5	5	5	5	5
E F Barrett	New York	2511	U00018	6	6	6	6	6	6
E F Barrett	New York	2511	U00019	6	6	6	6	6	6
East River	New York	2493	1	4	4	4	4	4	4
East River	New York	2493	2	8	8	8	8	8	8
East River	New York	2493	60	427	427	367	367	367	367
East River	New York	2493	70	202	202	202	202	202	202
Edgewood Energy	New York	55786	CT01	0	0	0	0	0	0
Edgewood Energy	New York	55786	CT02	0	0	0	0	0	0
Equus Power I	New York	56032	0001	2	2	2	2	2	2
Far Rockaway	New York	2513	40	1	1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Fortistar North Tonawanda Inc	New York	54131	NTCT1	0	0	0	0	0	0
Freeport Power Plant No. 2	New York	2679	5	0	0	0	0	0	0
Glenwood	New York	2514	40	1	1	1	1	1	1
Glenwood	New York	2514	50	1	1	1	1	1	1
Glenwood	New York	2514	U00020	3	3	2	2	2	2
Glenwood	New York	2514	U00021	4	4	2	2	2	2
Glenwood Landing Energy Center	New York	7869	UGT012	1	1	1	1	1	1
Glenwood Landing Energy Center	New York	7869	UGT013	1	1	1	1	1	1
Harlem River Yard	New York	7914	HR01	0	0	0	0	0	0
Harlem River Yard	New York	7914	HR02	0	0	0	0	0	0
Hawkeye Energy Greenport, LLC	New York	55969	U-01	17	17	17	17	17	17
Hell Gate	New York	7913	HG01	0	0	0	0	0	0
Hell Gate	New York	7913	HG02	0	0	0	0	0	0
Hillburn	New York	2628	001	0	0	0	0	0	0
Holtsville Facility	New York	8007	U00001	3	3	2	2	2	2
Holtsville Facility	New York	8007	U00002	3	3	2	2	2	2
Holtsville Facility	New York	8007	U00003	3	3	2	2	2	2
Holtsville Facility	New York	8007	U00004	3	3	2	2	2	2
Holtsville Facility	New York	8007	U00005	3	3	2	2	2	2
Holtsville Facility	New York	8007	U00006	3	3	2	2	2	2
Holtsville Facility	New York	8007	U00007	4	4	3	3	3	3
Holtsville Facility	New York	8007	U00008	4	4	3	3	3	3
Holtsville Facility	New York	8007	U00009	3	3	2	2	2	2
Holtsville Facility	New York	8007	U00010	3	3	2	2	2	2
Holtsville Facility	New York	8007	U00011	6	6	4	4	4	4
Holtsville Facility	New York	8007	U00012	6	6	4	4	4	4
Holtsville Facility	New York	8007	U00013	7	7	5	5	5	5
Holtsville Facility	New York	8007	U00014	7	7	5	5	5	5
Holtsville Facility	New York	8007	U00015	5	5	4	4	4	4
Holtsville Facility	New York	8007	U00016	5	5	4	4	4	4
Holtsville Facility	New York	8007	U00017	7	7	5	5	5	5
Holtsville Facility	New York	8007	U00018	7	7	5	5	5	5
Holtsville Facility	New York	8007	U00019	5	5	3	3	3	3
Holtsville Facility	New York	8007	U00020	5	5	3	3	3	3
Huntley Power	New York	2549	67	1,125	1,125	776	776	776	776
Huntley Power	New York	2549	68	1,097	1,097	757	757	757	757
Indeck-Corinth Energy Center	New York	50458	1	6	6	6	6	6	6

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Indeck-Olean Energy Center	New York	54076	1	5	5	5	5	5	5
Indeck-Oswego Energy Center	New York	50450	1	0	0	0	0	0	0
Indeck-Silver Springs Energy Center	New York	50449	1	4	4	4	4	4	4
Indeck-Yerkes Energy Center	New York	50451	1	0	0	0	0	0	0
Independence	New York	54547	1	2	2	2	2	2	2
Independence	New York	54547	2	2	2	2	2	2	2
Independence	New York	54547	3	2	2	2	2	2	2
Independence	New York	54547	4	2	2	2	2	2	2
KIAC Cogeneration	New York	54114	GT1	1	1	1	1	1	1
KIAC Cogeneration	New York	54114	GT2	1	1	1	1	1	1
Lockport	New York	54041	011854	0	0	0	0	0	0
Lockport	New York	54041	011855	0	0	0	0	0	0
Lockport	New York	54041	011856	0	0	0	0	0	0
Massena Energy Facility	New York	54592	001	0	0	0	0	0	0
NRG Dunkirk Power	New York	2554	1	563	563	389	389	389	389
NRG Dunkirk Power	New York	2554	2	596	596	412	412	412	412
NRG Dunkirk Power	New York	2554	3	993	993	686	686	686	686
NRG Dunkirk Power	New York	2554	4	936	936	646	646	646	646
Nassau Energy Corporation	New York	52056	00004	8	8	8	8	8	8
Niagara Generation, LLC	New York	50202	1	322	322	222	222	222	222
Nissequogue Cogen	New York	54149	1	11	11	11	11	11	11
North 1st	New York	7915	NO1	0	0	0	0	0	0
Northport	New York	2516	1	1,387	1,387	957	957	957	957
Northport	New York	2516	2	1,211	1,211	836	836	836	836
Northport	New York	2516	3	1,220	1,220	842	842	842	842
Northport	New York	2516	4	1,166	1,166	805	805	805	805
Oswego Harbor Power	New York	2594	5	93	93	64	64	64	64
Oswego Harbor Power	New York	2594	6	71	71	49	49	49	49
Pinelawn Power	New York	56188	00001	2	2	2	2	2	2
Poletti 500 MW CC	New York	56196	CTG7A	4	4	4	4	4	4
Poletti 500 MW CC	New York	56196	CTG7B	5	5	5	5	5	5
Port Jefferson Energy Center	New York	2517	3	520	520	359	359	359	359
Port Jefferson Energy Center	New York	2517	4	509	509	351	351	351	351
Port Jefferson Energy Center	New York	2517	UGT002	1	1	1	1	1	1
Port Jefferson Energy Center	New York	2517	UGT003	1	1	1	1	1	1
Pouch Terminal	New York	8053	PT01	0	0	0	0	0	0
Project Orange Facility	New York	54425	001	0	0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Project Orange Facility	New York	54425	002	1	1	1	1	1	1
Ravenswood Generating Station	New York	2500	10	731	731	505	505	505	505
Ravenswood Generating Station	New York	2500	20	560	560	387	387	387	387
Ravenswood Generating Station	New York	2500	30	1,388	1,388	958	958	958	958
Ravenswood Generating Station	New York	2500	CT02-1	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	CT02-2	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	CT02-3	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	CT02-4	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-1	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-2	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-3	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-4	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	UCC001	5	5	5	5	5	5
Rensselaer Cogen	New York	54034	1GTDBS	1	1	1	1	1	1
Richard M Flynn (Holtsville)	New York	7314	001	94	94	94	94	94	94
S A Carlson	New York	2682	10	28	28	19	19	19	19
S A Carlson	New York	2682	11	0	0	0	0	0	0
S A Carlson	New York	2682	12	108	108	74	74	74	74
S A Carlson	New York	2682	20	0	0	0	0	0	0
S A Carlson	New York	2682	9	86	86	59	59	59	59
Saranac Power Partners, LP	New York	54574	00001	2	2	2	2	2	2
Saranac Power Partners, LP	New York	54574	00002	1	1	1	1	1	1
Selkirk Cogen Partners	New York	10725	CTG101	2	2	2	2	2	2
Selkirk Cogen Partners	New York	10725	CTG201	2	2	2	2	2	2
Selkirk Cogen Partners	New York	10725	CTG301	2	2	2	2	2	2
Shoemaker	New York	2632	1	0	0	0	0	0	0
Shoreham Energy	New York	55787	CT01	4	4	4	4	4	4
Shoreham Energy	New York	55787	CT02	4	4	4	4	4	4
Sterling Power Plant	New York	50744	00001	0	0	0	0	0	0
Syracuse Energy Corporation	New York	50651	BLR1	115	115	79	79	79	79
Syracuse Energy Corporation	New York	50651	BLR2	117	117	81	81	81	81
Syracuse Energy Corporation	New York	50651	BLR3	110	110	76	76	76	76
Syracuse Energy Corporation	New York	50651	BLR4	79	79	55	55	55	55
Syracuse Energy Corporation	New York	50651	BLR5	84	84	58	58	58	58
Vernon Boulevard	New York	7909	VB01	0	0	0	0	0	0
Vernon Boulevard	New York	7909	VB02	0	0	0	0	0	0
WPS Beaver Falls Generation, LLC	New York	10617	1	0	0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
WPS Syracuse Generation, LLC	New York	10621	1	0	0	0	0	0	0
Wading River Facility	New York	7146	UGT007	31	31	21	21	21	21
Wading River Facility	New York	7146	UGT008	32	32	22	22	22	22
Wading River Facility	New York	7146	UGT009	33	33	23	23	23	23
Wading River Facility	New York	7146	UGT013	3	3	2	2	2	2
West Babylon Facility	New York	2521	UGT001	3	3	2	2	2	2
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1		0	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1		0	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1		0	0	0	0	0
Ashtabula	Ohio	2835	7		3,748	1,620	1,620	1,620	1,620
Avon Lake Power Plant	Ohio	2836	10		795	344	344	344	344
Avon Lake Power Plant	Ohio	2836	12		6,659	2,879	2,879	2,879	2,879
Avon Lake Power Plant	Ohio	2836	CT10		1	1	1	1	1
Bay Shore	Ohio	2878	1		3,015	1,453	1,453	1,453	1,453
Bay Shore	Ohio	2878	2		2,170	938	938	938	938
Bay Shore	Ohio	2878	3		2,255	975	975	975	975
Bay Shore	Ohio	2878	4		3,545	1,533	1,533	1,533	1,533
Cardinal	Ohio	2828	1		7,451	3,222	3,222	3,222	3,222
Cardinal	Ohio	2828	2		7,744	3,348	3,348	3,348	3,348
Cardinal	Ohio	2828	3		9,711	4,199	4,199	4,199	4,199
Conesville	Ohio	2840	3		1,572	680	680	680	680
Conesville	Ohio	2840	4		9,199	3,977	3,977	3,977	3,977
Conesville	Ohio	2840	5		6,319	2,732	2,732	2,732	2,732
Conesville	Ohio	2840	6		5,932	2,565	2,565	2,565	2,565
Darby Electric Generating Station	Ohio	55247	CT1		0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT2		0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT3		0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT4		0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT5		0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT6		0	0	0	0	0
Dicks Creek Station	Ohio	2831	1		0	0	0	0	0
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1		2	2	2	2	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2		2	2	2	2	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3		2	2	2	2	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4		2	2	2	2	2
Duke Energy Washington, II LLC	Ohio	55397	CT1		2	2	2	2	2
Duke Energy Washington, II LLC	Ohio	55397	CT2		2	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Eastlake	Ohio	2837	1		1,834	793	793	793	793
Eastlake	Ohio	2837	2		2,002	866	866	866	866
Eastlake	Ohio	2837	3		1,941	839	839	839	839
Eastlake	Ohio	2837	4		3,762	1,627	1,627	1,627	1,627
Eastlake	Ohio	2837	5		8,528	3,687	3,687	3,687	3,687
Eastlake	Ohio	2837	6		5	2	2	2	2
Frank M Tait Station	Ohio	2847	1		0	0	0	0	0
Frank M Tait Station	Ohio	2847	2		0	0	0	0	0
Frank M Tait Station	Ohio	2847	3		0	0	0	0	0
Gen J M Gavin	Ohio	8102	1		16,439	9,529	9,529	9,529	9,529
Gen J M Gavin	Ohio	8102	2		21,024	9,380	9,380	9,380	9,380
Greenville Electric Gen Station	Ohio	55228	G1CT1		0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G1CT2		0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G2CT1		0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G2CT2		0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G3CT1		0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G3CT2		0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G4CT1		0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G4CT2		0	0	0	0	0
Hamilton Municipal Power Plant	Ohio	2917	9		796	344	344	344	344
J M Stuart	Ohio	2850	1		8,789	3,800	3,800	3,800	3,800
J M Stuart	Ohio	2850	2		8,983	3,884	3,884	3,884	3,884
J M Stuart	Ohio	2850	3		8,917	3,855	3,855	3,855	3,855
J M Stuart	Ohio	2850	4		8,278	3,579	3,579	3,579	3,579
Killen Station	Ohio	6031	2		10,019	4,332	4,332	4,332	4,332
Kyger Creek	Ohio	2876	1		3,148	1,361	1,361	1,361	1,361
Kyger Creek	Ohio	2876	2		3,158	1,365	1,365	1,365	1,365
Kyger Creek	Ohio	2876	3		3,102	1,341	1,341	1,341	1,341
Kyger Creek	Ohio	2876	4		3,255	1,407	1,407	1,407	1,407
Kyger Creek	Ohio	2876	5		3,252	1,406	1,406	1,406	1,406
Lake Shore	Ohio	2838	18		2,729	1,180	1,180	1,180	1,180
Mad River	Ohio	2860	A		2	2	2	2	2
Mad River	Ohio	2860	B		3	2	2	2	2
Madison Generating Station	Ohio	55110	1		0	0	0	0	0
Madison Generating Station	Ohio	55110	2		0	0	0	0	0
Madison Generating Station	Ohio	55110	3		0	0	0	0	0
Madison Generating Station	Ohio	55110	4		0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Madison Generating Station	Ohio	55110	5		0	0	0	0	0
Madison Generating Station	Ohio	55110	6		0	0	0	0	0
Madison Generating Station	Ohio	55110	7		0	0	0	0	0
Madison Generating Station	Ohio	55110	8		0	0	0	0	0
Miami Fort Generating Station	Ohio	2832	6		2,426	1,049	1,049	1,049	1,049
Miami Fort Generating Station	Ohio	2832	7		8,722	3,771	3,771	3,771	3,771
Miami Fort Generating Station	Ohio	2832	8		7,795	3,371	3,371	3,371	3,371
Muskingum River	Ohio	2872	1		2,436	1,053	1,053	1,053	1,053
Muskingum River	Ohio	2872	2		2,410	1,042	1,042	1,042	1,042
Muskingum River	Ohio	2872	3		2,492	1,078	1,078	1,078	1,078
Muskingum River	Ohio	2872	4		2,338	1,011	1,011	1,011	1,011
Muskingum River	Ohio	2872	5		8,331	3,602	3,602	3,602	3,602
Niles	Ohio	2861	1		1,430	618	618	618	618
Niles	Ohio	2861	2		996	431	431	431	431
Niles	Ohio	2861	CTA		1	0	0	0	0
O H Hutchings	Ohio	2848	H-1		34	15	15	15	15
O H Hutchings	Ohio	2848	H-2		34	15	15	15	15
O H Hutchings	Ohio	2848	H-3		268	116	116	116	116
O H Hutchings	Ohio	2848	H-4		329	142	142	142	142
O H Hutchings	Ohio	2848	H-5		313	135	135	135	135
O H Hutchings	Ohio	2848	H-6		307	133	133	133	133
O H Hutchings	Ohio	2848	H-7		0	0	0	0	0
Omega JV2 Bowling Green	Ohio	7783	P001		0	0	0	0	0
Omega JV2 Hamilton	Ohio	7782	P001		0	0	0	0	0
Picway	Ohio	2843	9		958	414	414	414	414
R E Burger	Ohio	2864	5		44	19	19	19	19
R E Burger	Ohio	2864	6		42	18	18	18	18
R E Burger	Ohio	2864	7		2,091	904	904	904	904
R E Burger	Ohio	2864	8		2,046	884	884	884	884
Richard Gorsuch	Ohio	7253	1		0	0	0	0	0
Richard Gorsuch	Ohio	7253	2		0	0	0	0	0
Richard Gorsuch	Ohio	7253	3		0	0	0	0	0
Richard Gorsuch	Ohio	7253	4		0	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG4		0	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG5		0	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG6		0	0	0	0	0
Robert P Mone	Ohio	7872	1		0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Robert P Mone	Ohio	7872	2		0	0	0	0	0
Robert P Mone	Ohio	7872	3		0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-1		0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-2		0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-3		0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-4		0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-5		0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT4		0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT5		0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT6		0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT7		0	0	0	0	0
Troy Energy, LLC	Ohio	55348	1		3	3	3	3	3
Troy Energy, LLC	Ohio	55348	2		1	1	1	1	1
Troy Energy, LLC	Ohio	55348	3		1	1	1	1	1
Troy Energy, LLC	Ohio	55348	4		2	2	2	2	2
W H Sammis	Ohio	2866	1		2,791	1,207	1,207	1,207	1,207
W H Sammis	Ohio	2866	2		2,795	1,208	1,208	1,208	1,208
W H Sammis	Ohio	2866	3		2,575	1,113	1,113	1,113	1,113
W H Sammis	Ohio	2866	4		2,422	1,047	1,047	1,047	1,047
W H Sammis	Ohio	2866	5		4,402	1,903	1,903	1,903	1,903
W H Sammis	Ohio	2866	6		9,768	4,223	4,223	4,223	4,223
W H Sammis	Ohio	2866	7		9,563	4,135	4,135	4,135	4,135
W H Zimmer Generating Station	Ohio	6019	1		19,768	8,547	8,547	8,547	8,547
Walter C Beckjord Generating Station	Ohio	2830	1		992	429	429	429	429
Walter C Beckjord Generating Station	Ohio	2830	2		1,019	441	441	441	441
Walter C Beckjord Generating Station	Ohio	2830	3		1,507	652	652	652	652
Walter C Beckjord Generating Station	Ohio	2830	4		2,146	928	928	928	928
Walter C Beckjord Generating Station	Ohio	2830	5		2,596	1,123	1,123	1,123	1,123
Walter C Beckjord Generating Station	Ohio	2830	6		5,727	2,476	2,476	2,476	2,476
Walter C Beckjord Generating Station	Ohio	2830	CT1		0	0	0	0	0
Walter C Beckjord Generating Station	Ohio	2830	CT2		0	0	0	0	0
Walter C Beckjord Generating Station	Ohio	2830	CT3		0	0	0	0	0
Walter C Beckjord Generating Station	Ohio	2830	CT4		0	0	0	0	0
Waterford Plant	Ohio	55503	1		1	1	1	1	1
Waterford Plant	Ohio	55503	2		1	1	1	1	1
Waterford Plant	Ohio	55503	3		1	1	1	1	1
West Lorain	Ohio	2869	1A		1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
West Lorain	Ohio	2869	1B		1	1	1	1	1
West Lorain	Ohio	2869	2		1	1	1	1	1
West Lorain	Ohio	2869	3		1	1	1	1	1
West Lorain	Ohio	2869	4		1	1	1	1	1
West Lorain	Ohio	2869	5		1	1	1	1	1
West Lorain	Ohio	2869	6		1	1	1	1	1
Woodsdale	Ohio	7158	**GT1		0	0	0	0	0
Woodsdale	Ohio	7158	**GT2		0	0	0	0	0
Woodsdale	Ohio	7158	**GT3		0	0	0	0	0
Woodsdale	Ohio	7158	**GT4		0	0	0	0	0
Woodsdale	Ohio	7158	**GT5		0	0	0	0	0
Woodsdale	Ohio	7158	**GT6		0	0	0	0	0
Allen	Tennessee	3393	1		5,354				
Allen	Tennessee	3393	2		5,115				
Allen	Tennessee	3393	3		5,157				
Allen	Tennessee	3393	ACT17		2				
Allen	Tennessee	3393	ACT18		1				
Allen	Tennessee	3393	ACT19		1				
Allen	Tennessee	3393	ACT20		6				
Brownsville CT	Tennessee	55081	AA-001		0				
Brownsville CT	Tennessee	55081	AA-002		0				
Brownsville CT	Tennessee	55081	AA-003		0				
Brownsville CT	Tennessee	55081	AA-004		0				
Bull Run	Tennessee	3396	1		14,761				
Cumberland	Tennessee	3399	1		8,518				
Cumberland	Tennessee	3399	2		9,919				
Gallatin	Tennessee	3403	1		5,128				
Gallatin	Tennessee	3403	2		5,254				
Gallatin	Tennessee	3403	3		5,852				
Gallatin	Tennessee	3403	4		6,056				
Gallatin	Tennessee	3403	GCT1		16				
Gallatin	Tennessee	3403	GCT2		2				
Gallatin	Tennessee	3403	GCT3		3				
Gallatin	Tennessee	3403	GCT4		5				
Gallatin	Tennessee	3403	GCT5		2				
Gallatin	Tennessee	3403	GCT6		2				
Gallatin	Tennessee	3403	GCT7		1				

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Gallatin	Tennessee	3403	GCT8		1				
Gleason Generating Facility	Tennessee	55251	CTG-1		0				
Gleason Generating Facility	Tennessee	55251	CTG-2		0				
Gleason Generating Facility	Tennessee	55251	CTG-3		0				
John Sevier	Tennessee	3405	1		3,426				
John Sevier	Tennessee	3405	2		3,440				
John Sevier	Tennessee	3405	3		3,500				
John Sevier	Tennessee	3405	4		3,453				
Johnsonville	Tennessee	3406	1		2,390				
Johnsonville	Tennessee	3406	10		2,730				
Johnsonville	Tennessee	3406	2		2,435				
Johnsonville	Tennessee	3406	3		2,535				
Johnsonville	Tennessee	3406	4		2,257				
Johnsonville	Tennessee	3406	5		2,190				
Johnsonville	Tennessee	3406	6		2,331				
Johnsonville	Tennessee	3406	7		2,527				
Johnsonville	Tennessee	3406	8		2,767				
Johnsonville	Tennessee	3406	9		2,683				
Johnsonville	Tennessee	3406	JCT1		5				
Johnsonville	Tennessee	3406	JCT10		2				
Johnsonville	Tennessee	3406	JCT11		2				
Johnsonville	Tennessee	3406	JCT12		2				
Johnsonville	Tennessee	3406	JCT13		2				
Johnsonville	Tennessee	3406	JCT14		2				
Johnsonville	Tennessee	3406	JCT15		1				
Johnsonville	Tennessee	3406	JCT16		2				
Johnsonville	Tennessee	3406	JCT17		3				
Johnsonville	Tennessee	3406	JCT18		2				
Johnsonville	Tennessee	3406	JCT19		3				
Johnsonville	Tennessee	3406	JCT2		2				
Johnsonville	Tennessee	3406	JCT20		4				
Johnsonville	Tennessee	3406	JCT3		2				
Johnsonville	Tennessee	3406	JCT4		3				
Johnsonville	Tennessee	3406	JCT5		2				
Johnsonville	Tennessee	3406	JCT6		2				
Johnsonville	Tennessee	3406	JCT7		2				
Johnsonville	Tennessee	3406	JCT8		2				

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Johnsonville	Tennessee	3406	JCT9		1				
Kingston	Tennessee	3407	1		2,746				
Kingston	Tennessee	3407	2		2,740				
Kingston	Tennessee	3407	3		2,945				
Kingston	Tennessee	3407	4		2,776				
Kingston	Tennessee	3407	5		3,963				
Kingston	Tennessee	3407	6		3,834				
Kingston	Tennessee	3407	7		3,781				
Kingston	Tennessee	3407	8		3,792				
Kingston	Tennessee	3407	9		3,852				
Lagoon Creek	Tennessee	7845	LCT1		2				
Lagoon Creek	Tennessee	7845	LCT10		1				
Lagoon Creek	Tennessee	7845	LCT11		1				
Lagoon Creek	Tennessee	7845	LCT12		1				
Lagoon Creek	Tennessee	7845	LCT2		2				
Lagoon Creek	Tennessee	7845	LCT3		2				
Lagoon Creek	Tennessee	7845	LCT4		2				
Lagoon Creek	Tennessee	7845	LCT5		1				
Lagoon Creek	Tennessee	7845	LCT6		1				
Lagoon Creek	Tennessee	7845	LCT7		2				
Lagoon Creek	Tennessee	7845	LCT8		1				
Lagoon Creek	Tennessee	7845	LCT9		2				
AES Deepwater, Inc.	Texas	10670	01001	2,443	2,443	2,443	2,443	2,443	2,443
Air Products Port Arthur	Texas	55309	GEN1	6	6	6	6	6	6
Air Products Port Arthur	Texas	55309	GEN4	12	12	12	12	12	12
Alex Ty Cooke Generating Station	Texas	3602	1	0	0	0	0	0	0
Alex Ty Cooke Generating Station	Texas	3602	2	0	0	0	0	0	0
Barney M. Davis	Texas	4939	1	248	248	248	248	248	248
Barney M. Davis	Texas	4939	3	2	2	2	2	2	2
Barney M. Davis	Texas	4939	4	2	2	2	2	2	2
Bastrop Clean Energy Center	Texas	55168	CTG-1A	3	3	3	3	3	3
Bastrop Clean Energy Center	Texas	55168	CTG-1B	3	3	3	3	3	3
Bayou Cogeneration Plant	Texas	10298	CG801	2	2	2	2	2	2
Bayou Cogeneration Plant	Texas	10298	CG802	2	2	2	2	2	2
Bayou Cogeneration Plant	Texas	10298	CG803	2	2	2	2	2	2
Bayou Cogeneration Plant	Texas	10298	CG804	2	2	2	2	2	2
Baytown Energy Center	Texas	55327	CTG-1	4	4	4	4	4	4

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Baytown Energy Center	Texas	55327	CTG-2	4	4	4	4	4	4
Baytown Energy Center	Texas	55327	CTG-3	4	4	4	4	4	4
Big Brown	Texas	3497	1	8,473	8,473	8,473	8,473	8,473	8,473
Big Brown	Texas	3497	2	8,559	8,559	8,559	8,559	8,559	8,559
Blackhawk Station	Texas	55064	001	28	28	28	28	28	28
Blackhawk Station	Texas	55064	002	31	31	31	31	31	31
Bosque County Power Plant	Texas	55172	GT-1	0	0	0	0	0	0
Bosque County Power Plant	Texas	55172	GT-2	0	0	0	0	0	0
Bosque County Power Plant	Texas	55172	GT-3	4	4	4	4	4	4
Brazos Valley Energy, LP	Texas	55357	CTG1	3	3	3	3	3	3
Brazos Valley Energy, LP	Texas	55357	CTG2	4	4	4	4	4	4
C E Newman	Texas	3574	BW5	0	0	0	0	0	0
C. R. Wing Cogeneration Plant	Texas	52176	1	1	1	1	1	1	1
C. R. Wing Cogeneration Plant	Texas	52176	2	1	1	1	1	1	1
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	3	3	3	3	3	3
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	2	2	2	2	2	2
Cedar Bayou	Texas	3460	CBY1	103	103	103	103	103	103
Cedar Bayou	Texas	3460	CBY2	417	417	417	417	417	417
Cedar Bayou 4	Texas	56806	CBY41	2	2	2	2	2	2
Cedar Bayou 4	Texas	56806	CBY42	3	3	3	3	3	3
Channel Energy Center	Texas	55299	CTG1	11	11	11	11	11	11
Channel Energy Center	Texas	55299	CTG2	10	10	10	10	10	10
Channelview Cogeneration Facility	Texas	55187	CHV1	4	4	4	4	4	4
Channelview Cogeneration Facility	Texas	55187	CHV2	4	4	4	4	4	4
Channelview Cogeneration Facility	Texas	55187	CHV3	4	4	4	4	4	4
Channelview Cogeneration Facility	Texas	55187	CHV4	5	5	5	5	5	5
Clear Lake Cogeneration	Texas	10741	G102	1	1	1	1	1	1
Clear Lake Cogeneration	Texas	10741	G103	1	1	1	1	1	1
Clear Lake Cogeneration	Texas	10741	G104	1	1	1	1	1	1
Coletto Creek	Texas	6178	1	9,057	9,057	9,057	9,057	9,057	9,057
Colorado Bend Energy Center	Texas	56350	CT1A	1	1	1	1	1	1
Colorado Bend Energy Center	Texas	56350	CT1B	1	1	1	1	1	1
Colorado Bend Energy Center	Texas	56350	CT2A	1	1	1	1	1	1
Colorado Bend Energy Center	Texas	56350	CT2B	1	1	1	1	1	1
Copper Station	Texas	9	CTG-1	0	0	0	0	0	0
Corpus Christi	Texas	50475	GEN1	8	8	8	8	8	8
Corpus Christi Energy Center	Texas	55206	CU1	4	4	4	4	4	4

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Corpus Christi Energy Center	Texas	55206	CU2	4	4	4	4	4	4
Cottonwood Energy Project	Texas	55358	CT1	3	3	3	3	3	3
Cottonwood Energy Project	Texas	55358	CT2	3	3	3	3	3	3
Cottonwood Energy Project	Texas	55358	CT3	3	3	3	3	3	3
Cottonwood Energy Project	Texas	55358	CT4	2	2	2	2	2	2
Decker Creek	Texas	3548	1	10	10	10	10	10	10
Decker Creek	Texas	3548	2	10	10	10	10	10	10
Decker Creek	Texas	3548	GT-1A	0	0	0	0	0	0
Decker Creek	Texas	3548	GT-1B	0	0	0	0	0	0
Decker Creek	Texas	3548	GT-2A	0	0	0	0	0	0
Decker Creek	Texas	3548	GT-2B	0	0	0	0	0	0
Decker Creek	Texas	3548	GT-3A	0	0	0	0	0	0
Decker Creek	Texas	3548	GT-3B	0	0	0	0	0	0
Decker Creek	Texas	3548	GT-4A	0	0	0	0	0	0
Decker Creek	Texas	3548	GT-4B	0	0	0	0	0	0
Decordova	Texas	8063	1	9	9	9	9	9	9
Decordova	Texas	8063	CT1	1	1	1	1	1	1
Decordova	Texas	8063	CT2	1	1	1	1	1	1
Decordova	Texas	8063	CT3	1	1	1	1	1	1
Decordova	Texas	8063	CT4	1	1	1	1	1	1
Deer Park Energy Center	Texas	55464	CTG1	5	5	5	5	5	5
Deer Park Energy Center	Texas	55464	CTG2	5	5	5	5	5	5
Deer Park Energy Center	Texas	55464	CTG3	5	5	5	5	5	5
Deer Park Energy Center	Texas	55464	CTG4	5	5	5	5	5	5
EG178 Facility	Texas	56233	CT02	6	6	6	6	6	6
EG178 Facility	Texas	56233	CTG1	6	6	6	6	6	6
Eastman Cogeneration Facility	Texas	55176	1	3	3	3	3	3	3
Eastman Cogeneration Facility	Texas	55176	2	4	4	4	4	4	4
Ennis Power Company, LLC	Texas	55223	GT-1	4	4	4	4	4	4
Exelon Laporte Generating Station	Texas	55365	GT-1	7	7	7	7	7	7
Exelon Laporte Generating Station	Texas	55365	GT-2	10	10	10	10	10	10
Exelon Laporte Generating Station	Texas	55365	GT-3	8	8	8	8	8	8
Exelon Laporte Generating Station	Texas	55365	GT-4	9	9	9	9	9	9
ExxonMobil Beaumont Refinery	Texas	50625	33	7	7	7	7	7	7
ExxonMobil Beaumont Refinery	Texas	50625	34	7	7	7	7	7	7
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	4	4	4	4	4	4
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	4	4	4	4	4	4

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	4	4	4	4	4	4
FPLE Forney, LP	Texas	55480	U1	3	3	3	3	3	3
FPLE Forney, LP	Texas	55480	U2	3	3	3	3	3	3
FPLE Forney, LP	Texas	55480	U3	3	3	3	3	3	3
FPLE Forney, LP	Texas	55480	U4	3	3	3	3	3	3
FPLE Forney, LP	Texas	55480	U5	3	3	3	3	3	3
FPLE Forney, LP	Texas	55480	U6	3	3	3	3	3	3
Freestone Power Generation	Texas	55226	GT1	3	3	3	3	3	3
Freestone Power Generation	Texas	55226	GT2	3	3	3	3	3	3
Freestone Power Generation	Texas	55226	GT3	3	3	3	3	3	3
Freestone Power Generation	Texas	55226	GT4	3	3	3	3	3	3
Frontera Generation Facility	Texas	55098	1	3	3	3	3	3	3
Frontera Generation Facility	Texas	55098	2	3	3	3	3	3	3
Gibbons Creek Steam Electric Station	Texas	6136	1	6,314	6,314	6,314	6,314	6,314	6,314
Graham	Texas	3490	1	8	8	8	8	8	8
Graham	Texas	3490	2	226	226	226	226	226	226
Greens Bayou	Texas	3464	GBY5	36	36	36	36	36	36
Greens Bayou	Texas	3464	GBY73	0	0	0	0	0	0
Greens Bayou	Texas	3464	GBY74	0	0	0	0	0	0
Greens Bayou	Texas	3464	GBY81	0	0	0	0	0	0
Greens Bayou	Texas	3464	GBY82	0	0	0	0	0	0
Greens Bayou	Texas	3464	GBY83	0	0	0	0	0	0
Greens Bayou	Texas	3464	GBY84	0	0	0	0	0	0
Gregory Power Facility	Texas	55086	101	5	5	5	5	5	5
Gregory Power Facility	Texas	55086	102	5	5	5	5	5	5
Guadalupe Generating Station	Texas	55153	CTG-1	3	3	3	3	3	3
Guadalupe Generating Station	Texas	55153	CTG-2	3	3	3	3	3	3
Guadalupe Generating Station	Texas	55153	CTG-3	3	3	3	3	3	3
Guadalupe Generating Station	Texas	55153	CTG-4	3	3	3	3	3	3
H W Pirkey Power Plant	Texas	7902	1	8,882	8,882	8,882	8,882	8,882	8,882
Handley Generating Station	Texas	3491	3	2	2	2	2	2	2
Handley Generating Station	Texas	3491	4	4	4	4	4	4	4
Handley Generating Station	Texas	3491	5	3	3	3	3	3	3
Hardin County Peaking Facility	Texas	56604	HCCT1	0	0	0	0	0	0
Hardin County Peaking Facility	Texas	56604	HCCT2	0	0	0	0	0	0
Harrington Station	Texas	6193	061B	5,361	5,361	5,361	5,361	5,361	5,361
Harrington Station	Texas	6193	062B	5,255	5,255	5,255	5,255	5,255	5,255

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Harrington Station	Texas	6193	063B	5,055	5,055	5,055	5,055	5,055	5,055
Harrison County Power Project	Texas	55664	GT-1	2	2	2	2	2	2
Harrison County Power Project	Texas	55664	GT-2	2	2	2	2	2	2
Hays Energy Project	Texas	55144	STK1	3	3	3	3	3	3
Hays Energy Project	Texas	55144	STK2	3	3	3	3	3	3
Hays Energy Project	Texas	55144	STK3	3	3	3	3	3	3
Hays Energy Project	Texas	55144	STK4	3	3	3	3	3	3
J K Spruce	Texas	7097	**1	4,133	4,133	4,133	4,133	4,133	4,133
J K Spruce	Texas	7097	**2	158	158	158	158	158	158
J Robert Massengale Generating Station	Texas	3604	GT1	1	1	1	1	1	1
J T Deely	Texas	6181	1	6,170	6,170	6,170	6,170	6,170	6,170
J T Deely	Texas	6181	2	6,082	6,082	6,082	6,082	6,082	6,082
JCO Oxides Olefins Plant	Texas	54637	GCG1	6	6	6	6	6	6
JCO Oxides Olefins Plant	Texas	54637	GCG2	6	6	6	6	6	6
Jack County Generation Facility	Texas	55230	CT-1	4	4	4	4	4	4
Jack County Generation Facility	Texas	55230	CT-2	4	4	4	4	4	4
Johnson County Generation Facility	Texas	54817	EAST	6	6	6	6	6	6
Jones Station	Texas	3482	151B	4	4	4	4	4	4
Jones Station	Texas	3482	152B	7	7	7	7	7	7
Knox Lee Power Plant	Texas	3476	2	0	0	0	0	0	0
Knox Lee Power Plant	Texas	3476	3	0	0	0	0	0	0
Knox Lee Power Plant	Texas	3476	4	0	0	0	0	0	0
Knox Lee Power Plant	Texas	3476	5	89	89	89	89	89	89
Lake Creek	Texas	3502	1	0	0	0	0	0	0
Lake Creek	Texas	3502	2	0	0	0	0	0	0
Lake Hubbard	Texas	3452	1	22	22	22	22	22	22
Lake Hubbard	Texas	3452	2	24	24	24	24	24	24
Lamar Power (Paris)	Texas	55097	1	3	3	3	3	3	3
Lamar Power (Paris)	Texas	55097	2	3	3	3	3	3	3
Lamar Power (Paris)	Texas	55097	3	3	3	3	3	3	3
Lamar Power (Paris)	Texas	55097	4	3	3	3	3	3	3
Laredo	Texas	3439	4	1	1	1	1	1	1
Laredo	Texas	3439	5	1	1	1	1	1	1
Leon Creek	Texas	3609	3	0	0	0	0	0	0
Leon Creek	Texas	3609	4	0	0	0	0	0	0
Leon Creek	Texas	3609	CGT1	0	0	0	0	0	0
Leon Creek	Texas	3609	CGT2	0	0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Leon Creek	Texas	3609	CGT3	0	0	0	0	0	0
Leon Creek	Texas	3609	CGT4	0	0	0	0	0	0
Lewis Creek	Texas	3457	1	4	4	4	4	4	4
Lewis Creek	Texas	3457	2	4	4	4	4	4	4
Limestone	Texas	298	LIM1	12,081	12,081	12,081	12,081	12,081	12,081
Limestone	Texas	298	LIM2	12,293	12,293	12,293	12,293	12,293	12,293
Lone Star Power Plant	Texas	3477	1	0	0	0	0	0	0
Lost Pines 1	Texas	55154	1	4	4	4	4	4	4
Lost Pines 1	Texas	55154	2	4	4	4	4	4	4
Magic Valley Generating Station	Texas	55123	CTG-1	3	3	3	3	3	3
Magic Valley Generating Station	Texas	55123	CTG-2	4	4	4	4	4	4
Martin Lake	Texas	6146	1	12,024	12,024	12,024	12,024	12,024	12,024
Martin Lake	Texas	6146	2	11,580	11,580	11,580	11,580	11,580	11,580
Martin Lake	Texas	6146	3	12,236	12,236	12,236	12,236	12,236	12,236
Midlothian Energy	Texas	55091	STK1	3	3	3	3	3	3
Midlothian Energy	Texas	55091	STK2	3	3	3	3	3	3
Midlothian Energy	Texas	55091	STK3	2	2	2	2	2	2
Midlothian Energy	Texas	55091	STK4	3	3	3	3	3	3
Midlothian Energy	Texas	55091	STK5	3	3	3	3	3	3
Midlothian Energy	Texas	55091	STK6	3	3	3	3	3	3
Monticello	Texas	6147	1	8,598	8,598	8,598	8,598	8,598	8,598
Monticello	Texas	6147	2	8,795	8,795	8,795	8,795	8,795	8,795
Monticello	Texas	6147	3	12,216	12,216	12,216	12,216	12,216	12,216
Moore County Station	Texas	3483	3	0	0	0	0	0	0
Morgan Creek	Texas	3492	5	5	5	5	5	5	5
Morgan Creek	Texas	3492	6	0	0	0	0	0	0
Morgan Creek	Texas	3492	CT1	1	1	1	1	1	1
Morgan Creek	Texas	3492	CT2	1	1	1	1	1	1
Morgan Creek	Texas	3492	CT3	1	1	1	1	1	1
Morgan Creek	Texas	3492	CT4	1	1	1	1	1	1
Morgan Creek	Texas	3492	CT5	1	1	1	1	1	1
Morgan Creek	Texas	3492	CT6	1	1	1	1	1	1
Mountain Creek Generating Station	Texas	3453	6	8	8	8	8	8	8
Mountain Creek Generating Station	Texas	3453	7	2	2	2	2	2	2
Mountain Creek Generating Station	Texas	3453	8	2	2	2	2	2	2
Mustang Station	Texas	55065	1	4	4	4	4	4	4
Mustang Station	Texas	55065	2	4	4	4	4	4	4

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Mustang Station Units 4 and 5	Texas	56326	GEN1	0	0	0	0	0	0
Mustang Station Units 4 and 5	Texas	56326	GEN2	0	0	0	0	0	0
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	9	9	9	9	9	9
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	9	9	9	9	9	9
New Gulf Power Facility	Texas	50137	1	0	0	0	0	0	0
Newman	Texas	3456	**4	2	2	2	2	2	2
Newman	Texas	3456	**5	2	2	2	2	2	2
Newman	Texas	3456	1	1	1	1	1	1	1
Newman	Texas	3456	2	1	1	1	1	1	1
Newman	Texas	3456	3	1	1	1	1	1	1
Newman	Texas	3456	GT-6A	0	0	0	0	0	0
Newman	Texas	3456	GT-6B	0	0	0	0	0	0
Nichols Station	Texas	3484	141B	1	1	1	1	1	1
Nichols Station	Texas	3484	142B	2	2	2	2	2	2
Nichols Station	Texas	3484	143B	3	3	3	3	3	3
Nueces Bay	Texas	3441	8	2	2	2	2	2	2
Nueces Bay	Texas	3441	9	2	2	2	2	2	2
O W Sommers	Texas	3611	1	55	55	55	55	55	55
O W Sommers	Texas	3611	2	7	7	7	7	7	7
Oak Grove	Texas	6180	1	1,665	1,665	1,665	1,665	1,665	1,665
Odessa-Ector Generating Station	Texas	55215	GT1	3	3	3	3	3	3
Odessa-Ector Generating Station	Texas	55215	GT2	3	3	3	3	3	3
Odessa-Ector Generating Station	Texas	55215	GT3	3	3	3	3	3	3
Odessa-Ector Generating Station	Texas	55215	GT4	3	3	3	3	3	3
Oklaunion Power Station	Texas	127	1	4,386	4,386	4,386	4,386	4,386	4,386
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	2	2	2	2	2	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	2	2	2	2	2	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	2	2	2	2	2	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	2	2	2	2	2	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	2	2	2	2	2	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	2	2	2	2	2	2
Oyster Creek Unit VIII	Texas	54676	G81	17	17	17	17	17	17
Oyster Creek Unit VIII	Texas	54676	G82	17	17	17	17	17	17
Oyster Creek Unit VIII	Texas	54676	G83	17	17	17	17	17	17
Pampa Power Plant	Texas	7678	BL09A1	0	0	0	0	0	0
Pampa Power Plant	Texas	7678	BL10A1	0	0	0	0	0	0
Pampa Power Plant	Texas	7678	BL11A1	0	0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Paris Energy Center	Texas	50109	HRSG1	1	1	1	1	1	1
Paris Energy Center	Texas	50109	HRSG2	1	1	1	1	1	1
Pasadena Power Plant	Texas	55047	CG-1	3	3	3	3	3	3
Pasadena Power Plant	Texas	55047	CG-2	2	2	2	2	2	2
Pasadena Power Plant	Texas	55047	CG-3	3	3	3	3	3	3
Permian Basin	Texas	3494	5	0	0	0	0	0	0
Permian Basin	Texas	3494	6	563	563	563	563	563	563
Permian Basin	Texas	3494	CT1	2	2	2	2	2	2
Permian Basin	Texas	3494	CT2	3	3	3	3	3	3
Permian Basin	Texas	3494	CT3	1	1	1	1	1	1
Permian Basin	Texas	3494	CT4	3	3	3	3	3	3
Permian Basin	Texas	3494	CT5	2	2	2	2	2	2
Plant X	Texas	3485	111B	0	0	0	0	0	0
Plant X	Texas	3485	112B	1	1	1	1	1	1
Plant X	Texas	3485	113B	1	1	1	1	1	1
Plant X	Texas	3485	114B	3	3	3	3	3	3
Port Neches Plant	Texas	54748	G1	7	7	7	7	7	7
Power Lane Steam Plant	Texas	4195	2	0	0	0	0	0	0
Power Lane Steam Plant	Texas	4195	3	0	0	0	0	0	0
Quail Run Energy Center	Texas	56349	CT1A	1	1	1	1	1	1
Quail Run Energy Center	Texas	56349	CT1B	1	1	1	1	1	1
Quail Run Energy Center	Texas	56349	CT2A	1	1	1	1	1	1
Quail Run Energy Center	Texas	56349	CT2B	1	1	1	1	1	1
R W Miller	Texas	3628	**4	0	0	0	0	0	0
R W Miller	Texas	3628	**5	0	0	0	0	0	0
R W Miller	Texas	3628	1	0	0	0	0	0	0
R W Miller	Texas	3628	2	2	2	2	2	2	2
R W Miller	Texas	3628	3	6	6	6	6	6	6
Ray Olinger	Texas	3576	BW2	3	3	3	3	3	3
Ray Olinger	Texas	3576	BW3	1	1	1	1	1	1
Ray Olinger	Texas	3576	CE1	1	1	1	1	1	1
Ray Olinger	Texas	3576	GE4	0	0	0	0	0	0
Rio Nogales Power Project, LP	Texas	55137	CTG-1	3	3	3	3	3	3
Rio Nogales Power Project, LP	Texas	55137	CTG-2	3	3	3	3	3	3
Rio Nogales Power Project, LP	Texas	55137	CTG-3	3	3	3	3	3	3
Roland C. Dansby Power Plant	Texas	6243	1	3	3	3	3	3	3
Roland C. Dansby Power Plant	Texas	6243	2	0	0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
SRW Cogen Limited Partnership	Texas	55120	CTG-1	4	4	4	4	4	4
SRW Cogen Limited Partnership	Texas	55120	CTG-2	5	5	5	5	5	5
Sabine	Texas	3459	1	2	2	2	2	2	2
Sabine	Texas	3459	2	3	3	3	3	3	3
Sabine	Texas	3459	3	4	4	4	4	4	4
Sabine	Texas	3459	4	6	6	6	6	6	6
Sabine	Texas	3459	5	4	4	4	4	4	4
Sabine Cogeneration Facility	Texas	55104	SAB-1	1	1	1	1	1	1
Sabine Cogeneration Facility	Texas	55104	SAB-2	1	1	1	1	1	1
Sam Bertron	Texas	3468	SRB1	4	4	4	4	4	4
Sam Bertron	Texas	3468	SRB2	9	9	9	9	9	9
Sam Bertron	Texas	3468	SRB3	23	23	23	23	23	23
Sam Bertron	Texas	3468	SRB4	1	1	1	1	1	1
Sam Rayburn Plant	Texas	3631	CT7	1	1	1	1	1	1
Sam Rayburn Plant	Texas	3631	CT8	1	1	1	1	1	1
Sam Rayburn Plant	Texas	3631	CT9	1	1	1	1	1	1
Sam Seymour	Texas	6179	1	7,979	7,979	7,979	7,979	7,979	7,979
Sam Seymour	Texas	6179	2	8,019	8,019	8,019	8,019	8,019	8,019
Sam Seymour	Texas	6179	3	2,955	2,955	2,955	2,955	2,955	2,955
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	0	0	0	0	0	0
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	0	0	0	0	0	0
San Jacinto Steam Electric Station	Texas	7325	SJS1	2	2	2	2	2	2
San Jacinto Steam Electric Station	Texas	7325	SJS2	3	3	3	3	3	3
San Miguel	Texas	6183	SM-1	6,271	6,271	6,271	6,271	6,271	6,271
Sand Hill Energy Center	Texas	7900	SH1	0	0	0	0	0	0
Sand Hill Energy Center	Texas	7900	SH2	0	0	0	0	0	0
Sand Hill Energy Center	Texas	7900	SH3	0	0	0	0	0	0
Sand Hill Energy Center	Texas	7900	SH4	0	0	0	0	0	0
Sand Hill Energy Center	Texas	7900	SH5	4	4	4	4	4	4
Sandow	Texas	6648	4	8,370	8,370	8,370	8,370	8,370	8,370
Sandow Station	Texas	52071	5A	773	773	773	773	773	773
Sandow Station	Texas	52071	5B	725	725	725	725	725	725
Silas Ray	Texas	3559	10	0	0	0	0	0	0
Silas Ray	Texas	3559	9	1	1	1	1	1	1
Sim Gideon	Texas	3601	1	3	3	3	3	3	3
Sim Gideon	Texas	3601	2	3	3	3	3	3	3
Sim Gideon	Texas	3601	3	3	3	3	3	3	3

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
South Houston Green Power Site	Texas	55470	EPN801	41	41	41	41	41	41
South Houston Green Power Site	Texas	55470	EPN802	51	51	51	51	51	51
South Houston Green Power Site	Texas	55470	EPN803	47	47	47	47	47	47
Spencer	Texas	4266	4	1	1	1	1	1	1
Spencer	Texas	4266	5	2	2	2	2	2	2
Stryker Creek	Texas	3504	1	11	11	11	11	11	11
Stryker Creek	Texas	3504	2	145	145	145	145	145	145
Sweeny Cogeneration Facility	Texas	55015	1	3	3	3	3	3	3
Sweeny Cogeneration Facility	Texas	55015	2	3	3	3	3	3	3
Sweeny Cogeneration Facility	Texas	55015	3	3	3	3	3	3	3
Sweeny Cogeneration Facility	Texas	55015	4	3	3	3	3	3	3
Sweetwater Generating Plant	Texas	50615	GT01	0	0	0	0	0	0
Sweetwater Generating Plant	Texas	50615	GT02	1	1	1	1	1	1
Sweetwater Generating Plant	Texas	50615	GT03	1	1	1	1	1	1
T C Ferguson Power Plant	Texas	4937	1	19	19	19	19	19	19
T H Wharton	Texas	3469	THW31	0	0	0	0	0	0
T H Wharton	Texas	3469	THW32	0	0	0	0	0	0
T H Wharton	Texas	3469	THW33	0	0	0	0	0	0
T H Wharton	Texas	3469	THW34	0	0	0	0	0	0
T H Wharton	Texas	3469	THW41	0	0	0	0	0	0
T H Wharton	Texas	3469	THW42	0	0	0	0	0	0
T H Wharton	Texas	3469	THW43	0	0	0	0	0	0
T H Wharton	Texas	3469	THW44	0	0	0	0	0	0
T H Wharton	Texas	3469	THW51	0	0	0	0	0	0
T H Wharton	Texas	3469	THW52	0	0	0	0	0	0
T H Wharton	Texas	3469	THW53	0	0	0	0	0	0
T H Wharton	Texas	3469	THW54	0	0	0	0	0	0
T H Wharton	Texas	3469	THW55	0	0	0	0	0	0
T H Wharton	Texas	3469	THW56	0	0	0	0	0	0
Tenaska Frontier Generation Station	Texas	55062	1	4	4	4	4	4	4
Tenaska Frontier Generation Station	Texas	55062	2	4	4	4	4	4	4
Tenaska Frontier Generation Station	Texas	55062	3	4	4	4	4	4	4
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	3	3	3	3	3	3
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	9	9	9	9	9	9
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	3	3	3	3	3	3
Texas City Cogeneration	Texas	52088	GT-A	1	1	1	1	1	1
Texas City Cogeneration	Texas	52088	GT-B	3	3	3	3	3	3

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Texas City Cogeneration	Texas	52088	GT-C	3	3	3	3	3	3
Texas Petrochemicals	Texas	50229	TPCBLR	31	31	31	31	31	31
Tolk Station	Texas	6194	171B	6,900	6,900	6,900	6,900	6,900	6,900
Tolk Station	Texas	6194	172B	7,062	7,062	7,062	7,062	7,062	7,062
Tradinghouse	Texas	3506	1	2	2	2	2	2	2
Tradinghouse	Texas	3506	2	21	21	21	21	21	21
Trinidad	Texas	3507	9	97	97	97	97	97	97
Twin Oaks	Texas	7030	U1	2,326	2,326	2,326	2,326	2,326	2,326
Twin Oaks	Texas	7030	U2	2,270	2,270	2,270	2,270	2,270	2,270
Union Carbide Seadrift Cogen	Texas	50150	GE11	4	4	4	4	4	4
Union Carbide Seadrift Cogen	Texas	50150	GEN6	5	5	5	5	5	5
Union Carbide Seadrift Cogen	Texas	50150	GEN8	4	4	4	4	4	4
V H Braunig	Texas	3612	1	35	35	35	35	35	35
V H Braunig	Texas	3612	2	20	20	20	20	20	20
V H Braunig	Texas	3612	3	52	52	52	52	52	52
V H Braunig	Texas	3612	CT01	2	2	2	2	2	2
V H Braunig	Texas	3612	CT02	2	2	2	2	2	2
Valley (TXU)	Texas	3508	1	10	10	10	10	10	10
Valley (TXU)	Texas	3508	2	20	20	20	20	20	20
Valley (TXU)	Texas	3508	3	1	1	1	1	1	1
Victoria Power Station	Texas	3443	9	2	2	2	2	2	2
W A Parish	Texas	3470	WAP1	0	0	0	0	0	0
W A Parish	Texas	3470	WAP2	0	0	0	0	0	0
W A Parish	Texas	3470	WAP3	1	1	1	1	1	1
W A Parish	Texas	3470	WAP4	3	3	3	3	3	3
W A Parish	Texas	3470	WAP5	9,580	9,580	9,580	9,580	9,580	9,580
W A Parish	Texas	3470	WAP6	8,900	8,900	8,900	8,900	8,900	8,900
W A Parish	Texas	3470	WAP7	7,653	7,653	7,653	7,653	7,653	7,653
W A Parish	Texas	3470	WAP8	4,071	4,071	4,071	4,071	4,071	4,071
W B Tuttle	Texas	3613	1	0	0	0	0	0	0
W B Tuttle	Texas	3613	3	0	0	0	0	0	0
W B Tuttle	Texas	3613	4	0	0	0	0	0	0
Welsh Power Plant	Texas	6139	1	6,496	6,496	6,496	6,496	6,496	6,496
Welsh Power Plant	Texas	6139	2	7,050	7,050	7,050	7,050	7,050	7,050
Welsh Power Plant	Texas	6139	3	7,208	7,208	7,208	7,208	7,208	7,208
Wilkes Power Plant	Texas	3478	1	14	14	14	14	14	14
Wilkes Power Plant	Texas	3478	2	2	2	2	2	2	2

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Wilkes Power Plant	Texas	3478	3	3	3	3	3	3	3
Winchester Power Park	Texas	56674	1	0	0	0	0	0	0
Winchester Power Park	Texas	56674	2	0	0	0	0	0	0
Winchester Power Park	Texas	56674	3	0	0	0	0	0	0
Winchester Power Park	Texas	56674	4	0	0	0	0	0	0
Wise County Power Company, LLC	Texas	55320	GT-1	4	4	4	4	4	4
Wise County Power Company, LLC	Texas	55320	GT-2	5	5	5	5	5	5
Wolf Hollow I, LP	Texas	55139	CTG1	4	4	4	4	4	4
Wolf Hollow I, LP	Texas	55139	CTG2	4	4	4	4	4	4
Alma	Wisconsin	4140	B4			285	285	285	285
Alma	Wisconsin	4140	B5			421	421	421	421
Bay Front	Wisconsin	3982	1			166	166	166	166
Bay Front	Wisconsin	3982	2			158	158	158	158
Bay Front	Wisconsin	3982	5			178	178	178	178
Blount Street	Wisconsin	3992	3			1	1	1	1
Blount Street	Wisconsin	3992	5			0	0	0	0
Blount Street	Wisconsin	3992	6			0	0	0	0
Blount Street	Wisconsin	3992	7			22	22	22	22
Blount Street	Wisconsin	3992	8			121	121	121	121
Blount Street	Wisconsin	3992	9			114	114	114	114
Columbia	Wisconsin	8023	1			3,872	3,872	3,872	3,872
Columbia	Wisconsin	8023	2			3,865	3,865	3,865	3,865
Combined Locks Energy Center, LLC	Wisconsin	55558	B06			0	0	0	0
Concord	Wisconsin	7159	**1			1	1	1	1
Concord	Wisconsin	7159	**2			1	1	1	1
Concord	Wisconsin	7159	**3			0	0	0	0
Concord	Wisconsin	7159	**4			1	1	1	1
DTE Stoneman, LLC	Wisconsin	4146	B1			31	31	31	31
DTE Stoneman, LLC	Wisconsin	4146	B2			49	49	49	49
Depere Energy Center	Wisconsin	55029	B01			1	1	1	1
Edgewater (4050)	Wisconsin	4050	3			426	426	426	426
Edgewater (4050)	Wisconsin	4050	4			2,109	2,109	2,109	2,109
Edgewater (4050)	Wisconsin	4050	5			2,421	2,421	2,421	2,421
Elk Mound Generating Station	Wisconsin	7863	1			0	0	0	0
Elk Mound Generating Station	Wisconsin	7863	2			0	0	0	0
Elm Road Generating Station	Wisconsin	56068	1			84	84	84	84
Fitchburg Generating Station	Wisconsin	3991	1			0	0	0	0

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Fitchburg Generating Station	Wisconsin	3991	2			0	0	0	0
Fox Energy Company LLC	Wisconsin	56031	CTG-1			1	1	1	1
Fox Energy Company LLC	Wisconsin	56031	CTG-2			1	1	1	1
French Island	Wisconsin	4005	3			0	0	0	0
French Island	Wisconsin	4005	4			0	0	0	0
Genoa	Wisconsin	4143	1			2,143	2,143	2,143	2,143
Germantown Power Plant	Wisconsin	6253	**5			1	1	1	1
Germantown Power Plant	Wisconsin	6253	P30			0	0	0	0
Germantown Power Plant	Wisconsin	6253	P31			0	0	0	0
Germantown Power Plant	Wisconsin	6253	P32			0	0	0	0
Germantown Power Plant	Wisconsin	6253	P33			0	0	0	0
Germantown Power Plant	Wisconsin	6253	P34			0	0	0	0
Germantown Power Plant	Wisconsin	6253	P35			0	0	0	0
Germantown Power Plant	Wisconsin	6253	P36			0	0	0	0
Germantown Power Plant	Wisconsin	6253	P37			0	0	0	0
Island Street Peaking Plant	Wisconsin	55836	1A			0	0	0	0
Island Street Peaking Plant	Wisconsin	55836	1B			0	0	0	0
J P Madgett	Wisconsin	4271	B1			2,693	2,693	2,693	2,693
Manitowoc	Wisconsin	4125	6			62	62	62	62
Manitowoc	Wisconsin	4125	7			64	64	64	64
Manitowoc	Wisconsin	4125	8			154	154	154	154
Manitowoc	Wisconsin	4125	9			389	389	389	389
Neenah Energy Facility	Wisconsin	55135	CT01			1	1	1	1
Neenah Energy Facility	Wisconsin	55135	CT02			1	1	1	1
Nelson Dewey	Wisconsin	4054	1			746	746	746	746
Nelson Dewey	Wisconsin	4054	2			869	869	869	869
Paris	Wisconsin	7270	**1			1	1	1	1
Paris	Wisconsin	7270	**2			0	0	0	0
Paris	Wisconsin	7270	**3			0	0	0	0
Paris	Wisconsin	7270	**4			0	0	0	0
Pleasant Prairie	Wisconsin	6170	1			4,607	4,607	4,607	4,607
Pleasant Prairie	Wisconsin	6170	2			4,556	4,556	4,556	4,556
Port Washington Generating Station	Wisconsin	4040	11			2	2	2	2
Port Washington Generating Station	Wisconsin	4040	12			2	2	2	2
Port Washington Generating Station	Wisconsin	4040	21			2	2	2	2
Port Washington Generating Station	Wisconsin	4040	22			2	2	2	2
Pulliam	Wisconsin	4072	32			1	1	1	1

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Pulliam	Wisconsin	4072	5			366	366	366	366
Pulliam	Wisconsin	4072	6			528	528	528	528
Pulliam	Wisconsin	4072	7			610	610	610	610
Pulliam	Wisconsin	4072	8			955	955	955	955
Riverside Energy Center	Wisconsin	55641	CT-01			2	2	2	2
Riverside Energy Center	Wisconsin	55641	CT-02			3	3	3	3
Rock River	Wisconsin	4057	1			6	6	6	6
Rock River	Wisconsin	4057	2			4	4	4	4
Rock River	Wisconsin	4057	CT3			0	0	0	0
Rock River	Wisconsin	4057	CT5A			1	1	1	1
Rock River	Wisconsin	4057	CT5B			1	1	1	1
Rock River	Wisconsin	4057	CT6A			1	1	1	1
Rock River	Wisconsin	4057	CT6B			1	1	1	1
Rockgen Energy Center	Wisconsin	55391	CT-1			1	1	1	1
Rockgen Energy Center	Wisconsin	55391	CT-2			2	2	2	2
Rockgen Energy Center	Wisconsin	55391	CT-3			2	2	2	2
Sheboygan Falls Energy Facility	Wisconsin	56166	1			0	0	0	0
Sheboygan Falls Energy Facility	Wisconsin	56166	2			0	0	0	0
Sheepskin	Wisconsin	4059	CT1A			1	1	1	1
Sheepskin	Wisconsin	4059	CT1B			1	1	1	1
South Fond Du Lac	Wisconsin	7203	**CT1			1	1	1	1
South Fond Du Lac	Wisconsin	7203	**CT2			0	0	0	0
South Fond Du Lac	Wisconsin	7203	**CT3			0	0	0	0
South Fond Du Lac	Wisconsin	7203	**CT4			0	0	0	0
South Oak Creek	Wisconsin	4041	5			1,514	1,514	1,514	1,514
South Oak Creek	Wisconsin	4041	6			1,353	1,353	1,353	1,353
South Oak Creek	Wisconsin	4041	7			1,772	1,772	1,772	1,772
South Oak Creek	Wisconsin	4041	8			1,669	1,669	1,669	1,669
Valley (WEPCO)	Wisconsin	4042	1			441	441	441	441
Valley (WEPCO)	Wisconsin	4042	2			440	440	440	440
Valley (WEPCO)	Wisconsin	4042	3			439	439	439	439
Valley (WEPCO)	Wisconsin	4042	4			453	453	453	453
West Marinette	Wisconsin	4076	**33			1	1	1	1
West Marinette	Wisconsin	4076	**34			1	1	1	1
West Marinette	Wisconsin	4076	31A			0	0	0	0
West Marinette	Wisconsin	4076	31B			0	0	0	0
West Marinette	Wisconsin	4076	32A			0	0	0	0

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West Marinette	Wisconsin	4076	32B			0	0	0	0
Weston	Wisconsin	4078	1			382	382	382	382
Weston	Wisconsin	4078	2			658	658	658	658
Weston	Wisconsin	4078	3			2,608	2,608	2,608	2,608
Weston	Wisconsin	4078	32A			0	0	0	0
Weston	Wisconsin	4078	32B			0	0	0	0
Weston	Wisconsin	4078	4			1,120	1,120	1,120	1,120
Wheaton Generating Plant	Wisconsin	4014	1			0	0	0	0
Wheaton Generating Plant	Wisconsin	4014	2			0	0	0	0
Wheaton Generating Plant	Wisconsin	4014	3			0	0	0	0
Wheaton Generating Plant	Wisconsin	4014	4			0	0	0	0
Wheaton Generating Plant	Wisconsin	4014	5			0	0	0	0
Wheaton Generating Plant	Wisconsin	4014	6			0	0	0	0
Whitewater Cogeneration Facility	Wisconsin	55011	01			3	3	3	3

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AMEA Sylacauga Plant	Alabama	56018	1						
AMEA Sylacauga Plant	Alabama	56018	2						
Barry	Alabama	3	1						
Barry	Alabama	3	2						
Barry	Alabama	3	3						
Barry	Alabama	3	4						
Barry	Alabama	3	5						
Barry	Alabama	3	6A						
Barry	Alabama	3	6B						
Barry	Alabama	3	7A						
Barry	Alabama	3	7B						
Calhoun Power Company I, LLC	Alabama	55409	CT1						
Calhoun Power Company I, LLC	Alabama	55409	CT2						
Calhoun Power Company I, LLC	Alabama	55409	CT3						
Calhoun Power Company I, LLC	Alabama	55409	CT4						
Charles R Lowman	Alabama	56	1						
Charles R Lowman	Alabama	56	2						
Charles R Lowman	Alabama	56	3						
Colbert	Alabama	47	1						
Colbert	Alabama	47	2						
Colbert	Alabama	47	3						
Colbert	Alabama	47	4						
Colbert	Alabama	47	5						
Colbert	Alabama	47	CCT1						
Colbert	Alabama	47	CCT2						
Colbert	Alabama	47	CCT3						
Colbert	Alabama	47	CCT4						
Colbert	Alabama	47	CCT5						
Colbert	Alabama	47	CCT6						
Colbert	Alabama	47	CCT7						
Colbert	Alabama	47	CCT8						
Decatur Energy Center	Alabama	55292	CTG-1						
Decatur Energy Center	Alabama	55292	CTG-2						
Decatur Energy Center	Alabama	55292	CTG-3						
Discover	Alabama	55138	1A						
Discover	Alabama	55138	1B						
Discover	Alabama	55138	2A						

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Discover	Alabama	55138	2B						
E B Harris Generating Plant	Alabama	7897	1A						
E B Harris Generating Plant	Alabama	7897	1B						
E B Harris Generating Plant	Alabama	7897	2A						
E B Harris Generating Plant	Alabama	7897	2B						
E C Gaston	Alabama	26	1						
E C Gaston	Alabama	26	2						
E C Gaston	Alabama	26	3						
E C Gaston	Alabama	26	4						
E C Gaston	Alabama	26	5						
Gadsden	Alabama	7	1						
Gadsden	Alabama	7	2						
Gorgas	Alabama	8	10						
Gorgas	Alabama	8	6						
Gorgas	Alabama	8	7						
Gorgas	Alabama	8	8						
Gorgas	Alabama	8	9						
Greene County	Alabama	10	1						
Greene County	Alabama	10	2						
Greene County	Alabama	10	CT10						
Greene County	Alabama	10	CT2						
Greene County	Alabama	10	CT3						
Greene County	Alabama	10	CT4						
Greene County	Alabama	10	CT5						
Greene County	Alabama	10	CT6						
Greene County	Alabama	10	CT7						
Greene County	Alabama	10	CT8						
Greene County	Alabama	10	CT9						
Hillabee Energy Center	Alabama	55411	CT1						
Hillabee Energy Center	Alabama	55411	CT2						
Hog Bayou Energy Center	Alabama	55241	COG01						
James H Miller Jr	Alabama	6002	1						
James H Miller Jr	Alabama	6002	2						
James H Miller Jr	Alabama	6002	3						
James H Miller Jr	Alabama	6002	4						
McIntosh (7063)	Alabama	7063	**1						
McIntosh (7063)	Alabama	7063	**2						

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McIntosh (7063)	Alabama	7063	**3						
McWilliams	Alabama	533	**4						
McWilliams	Alabama	533	**V1						
McWilliams	Alabama	533	**V2						
Morgan Energy Center	Alabama	55293	CT-1						
Morgan Energy Center	Alabama	55293	CT-2						
Morgan Energy Center	Alabama	55293	CT-3						
Plant H. Allen Franklin	Alabama	7710	1A						
Plant H. Allen Franklin	Alabama	7710	1B						
Plant H. Allen Franklin	Alabama	7710	2A						
Plant H. Allen Franklin	Alabama	7710	2B						
Plant H. Allen Franklin	Alabama	7710	3A						
Plant H. Allen Franklin	Alabama	7710	3B						
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1						
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1						
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2						
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3						
Tenaska Lindsay Hill	Alabama	55271	CT1						
Tenaska Lindsay Hill	Alabama	55271	CT2						
Tenaska Lindsay Hill	Alabama	55271	CT3						
Theodore Cogeneration	Alabama	7721	CC1						
Washington County Cogen (Olin)	Alabama	7697	CC1						
Widows Creek	Alabama	50	1						
Widows Creek	Alabama	50	2						
Widows Creek	Alabama	50	3						
Widows Creek	Alabama	50	4						
Widows Creek	Alabama	50	5						
Widows Creek	Alabama	50	6						
Widows Creek	Alabama	50	7						
Widows Creek	Alabama	50	8						
Carl Bailey	Arkansas	202	01						
Cecil Lynch	Arkansas	167	2						
Cecil Lynch	Arkansas	167	3						
City Water & Light - City of Jonesboro	Arkansas	56505	SN04						
City Water & Light - City of Jonesboro	Arkansas	56505	SN06						
City Water & Light - City of Jonesboro	Arkansas	56505	SN07						
Dell Power Plant	Arkansas	55340	1						

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Dell Power Plant	Arkansas	55340	2						
Flint Creek Power Plant	Arkansas	6138	1						
Fulton	Arkansas	7825	CT1						
Hamilton Moses	Arkansas	168	1						
Hamilton Moses	Arkansas	168	2						
Harry D. Mattison Power Plant	Arkansas	56328	1						
Harry D. Mattison Power Plant	Arkansas	56328	2						
Harry D. Mattison Power Plant	Arkansas	56328	3						
Harry D. Mattison Power Plant	Arkansas	56328	4						
Harvey Couch	Arkansas	169	1						
Harvey Couch	Arkansas	169	2						
Hot Spring Energy Facility	Arkansas	55418	CT-1						
Hot Spring Energy Facility	Arkansas	55418	CT-2						
Hot Spring Power Co., LLC	Arkansas	55714	SN-01						
Hot Spring Power Co., LLC	Arkansas	55714	SN-02						
Independence	Arkansas	6641	1						
Independence	Arkansas	6641	2						
Lake Catherine	Arkansas	170	1						
Lake Catherine	Arkansas	170	2						
Lake Catherine	Arkansas	170	3						
Lake Catherine	Arkansas	170	4						
McClellan	Arkansas	203	01						
Oswald Generating Station	Arkansas	55221	G1						
Oswald Generating Station	Arkansas	55221	G2						
Oswald Generating Station	Arkansas	55221	G3						
Oswald Generating Station	Arkansas	55221	G4						
Oswald Generating Station	Arkansas	55221	G5						
Oswald Generating Station	Arkansas	55221	G6						
Oswald Generating Station	Arkansas	55221	G7						
Pine Bluff Energy Center	Arkansas	55075	CT-1						
Robert E Ritchie	Arkansas	173	2						
Thomas Fitzhugh	Arkansas	201	2						
Union Power Station	Arkansas	55380	CTG-1						
Union Power Station	Arkansas	55380	CTG-2						
Union Power Station	Arkansas	55380	CTG-3						
Union Power Station	Arkansas	55380	CTG-4						
Union Power Station	Arkansas	55380	CTG-5						

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Union Power Station	Arkansas	55380	CTG-6						
Union Power Station	Arkansas	55380	CTG-7						
Union Power Station	Arkansas	55380	CTG-8						
White Bluff	Arkansas	6009	1						
White Bluff	Arkansas	6009	2						
Anclote	Florida	8048	1						
Anclote	Florida	8048	2						
Arvah B Hopkins	Florida	688	1						
Arvah B Hopkins	Florida	688	2A						
Arvah B Hopkins	Florida	688	HC2						
Arvah B Hopkins	Florida	688	HC3						
Arvah B Hopkins	Florida	688	HC4						
Auburndale Cogeneration Facility	Florida	54658	1						
Auburndale Peaker Energy Center	Florida	55833	6						
Avon Park	Florida	624	P1						
Avon Park	Florida	624	P2						
Bayboro	Florida	627	1A						
Bayboro	Florida	627	1B						
Bayboro	Florida	627	2A						
Bayboro	Florida	627	2B						
Bayboro	Florida	627	3A						
Bayboro	Florida	627	3B						
Bayboro	Florida	627	4A						
Bayboro	Florida	627	4B						
Bayside Power Station	Florida	7873	CT1A						
Bayside Power Station	Florida	7873	CT1B						
Bayside Power Station	Florida	7873	CT1C						
Bayside Power Station	Florida	7873	CT2A						
Bayside Power Station	Florida	7873	CT2B						
Bayside Power Station	Florida	7873	CT2C						
Bayside Power Station	Florida	7873	CT2D						
Bayside Power Station	Florida	7873	CT3A						
Bayside Power Station	Florida	7873	CT3B						
Bayside Power Station	Florida	7873	CT4A						
Bayside Power Station	Florida	7873	CT4B						
Bayside Power Station	Florida	7873	CT5A						
Bayside Power Station	Florida	7873	CT5B						

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Bayside Power Station	Florida	7873	CT6A						
Bayside Power Station	Florida	7873	CT6B						
Big Bend	Florida	645	BB01						
Big Bend	Florida	645	BB02						
Big Bend	Florida	645	BB03						
Big Bend	Florida	645	BB04						
Big Bend	Florida	645	CT4A						
Big Bend	Florida	645	CT4B						
Brandy Branch	Florida	7846	1						
Brandy Branch	Florida	7846	2						
Brandy Branch	Florida	7846	3						
C D McIntosh Jr Power Plant	Florida	676	1						
C D McIntosh Jr Power Plant	Florida	676	2						
C D McIntosh Jr Power Plant	Florida	676	3						
C D McIntosh Jr Power Plant	Florida	676	5						
Cane Island	Florida	7238	**1						
Cane Island	Florida	7238	2						
Cane Island	Florida	7238	3						
Cape Canaveral	Florida	609	PCC1						
Cape Canaveral	Florida	609	PCC2						
Cedar Bay Generating Co. LP	Florida	10672	CBA						
Cedar Bay Generating Co. LP	Florida	10672	CBB						
Cedar Bay Generating Co. LP	Florida	10672	CBC						
Central Power & Lime	Florida	10333	1						
Charles Larsen Memorial Power Plant	Florida	675	**8						
Crist Electric Generating Plant	Florida	641	4						
Crist Electric Generating Plant	Florida	641	5						
Crist Electric Generating Plant	Florida	641	6						
Crist Electric Generating Plant	Florida	641	7						
Crystal River	Florida	628	1						
Crystal River	Florida	628	2						
Crystal River	Florida	628	4						
Crystal River	Florida	628	5						
Curtis H. Stanton Energy Center	Florida	564	1						
Curtis H. Stanton Energy Center	Florida	564	2						
Curtis H. Stanton Energy Center	Florida	564	CCB						
Cutler	Florida	610	PCU5						

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Cutler	Florida	610	PCU6						
Debary	Florida	6046	**10						
Debary	Florida	6046	**7						
Debary	Florida	6046	**8						
Debary	Florida	6046	**9						
Debary	Florida	6046	P1						
Debary	Florida	6046	P2						
Debary	Florida	6046	P3						
Debary	Florida	6046	P4						
Debary	Florida	6046	P5						
Debary	Florida	6046	P6						
Deerhaven	Florida	663	B1						
Deerhaven	Florida	663	B2						
Deerhaven	Florida	663	CT3						
Desoto County Energy Park	Florida	55422	CT1						
Desoto County Energy Park	Florida	55422	CT2						
Fort Myers	Florida	612	FMCT2A						
Fort Myers	Florida	612	FMCT2B						
Fort Myers	Florida	612	FMCT2C						
Fort Myers	Florida	612	FMCT2D						
Fort Myers	Florida	612	FMCT2E						
Fort Myers	Florida	612	FMCT2F						
Fort Myers	Florida	612	GFM01						
Fort Myers	Florida	612	GFM02						
Fort Myers	Florida	612	GFM03						
Fort Myers	Florida	612	GFM04						
Fort Myers	Florida	612	GFM05						
Fort Myers	Florida	612	GFM06						
Fort Myers	Florida	612	GFM07						
Fort Myers	Florida	612	GFM08						
Fort Myers	Florida	612	GFM09						
Fort Myers	Florida	612	GFM10						
Fort Myers	Florida	612	GFM11						
Fort Myers	Florida	612	GFM12						
Fort Myers	Florida	612	PFM3A						
Fort Myers	Florida	612	PFM3B						
G E Turner	Florida	629	P3						

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
G E Turner	Florida	629	P4						
Hardee Power Station	Florida	50949	CT1A						
Hardee Power Station	Florida	50949	CT1B						
Hardee Power Station	Florida	50949	CT2A						
Hardee Power Station	Florida	50949	CT2B						
Higgins	Florida	630	P1						
Higgins	Florida	630	P2						
Higgins	Florida	630	P3						
Higgins	Florida	630	P4						
Hines Energy Complex	Florida	7302	1A						
Hines Energy Complex	Florida	7302	1B						
Hines Energy Complex	Florida	7302	2A						
Hines Energy Complex	Florida	7302	2B						
Hines Energy Complex	Florida	7302	3A						
Hines Energy Complex	Florida	7302	3B						
Hines Energy Complex	Florida	7302	4A						
Hines Energy Complex	Florida	7302	4B						
Indian River (55318)	Florida	55318	1						
Indian River (55318)	Florida	55318	2						
Indian River (55318)	Florida	55318	3						
Indian River (683)	Florida	683	**C						
Indian River (683)	Florida	683	**D						
Indian River (683)	Florida	683	A						
Indian River (683)	Florida	683	B						
Indiantown Cogeneration, LP	Florida	50976	01						
Intercession City	Florida	8049	**10						
Intercession City	Florida	8049	**11						
Intercession City	Florida	8049	**12						
Intercession City	Florida	8049	**13						
Intercession City	Florida	8049	**14						
Intercession City	Florida	8049	**7						
Intercession City	Florida	8049	**8						
Intercession City	Florida	8049	**9						
Intercession City	Florida	8049	1A						
Intercession City	Florida	8049	1B						
Intercession City	Florida	8049	2A						
Intercession City	Florida	8049	2B						

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Intercession City	Florida	8049	3A						
Intercession City	Florida	8049	3B						
Intercession City	Florida	8049	4A						
Intercession City	Florida	8049	4B						
Intercession City	Florida	8049	5A						
Intercession City	Florida	8049	5B						
Intercession City	Florida	8049	6A						
Intercession City	Florida	8049	6B						
J D Kennedy	Florida	666	7						
J D Kennedy	Florida	666	CT8						
J R Kelly	Florida	664	CC1						
Lake Cogeneration	Florida	54423	EU003						
Lake Cogeneration	Florida	54423	EU004						
Lansing Smith Generating Plant	Florida	643	1						
Lansing Smith Generating Plant	Florida	643	2						
Lansing Smith Generating Plant	Florida	643	4						
Lansing Smith Generating Plant	Florida	643	5						
Lansing Smith Generating Plant	Florida	643	AA						
Lansing Smith Generating Plant	Florida	643	AB						
Lauderdale	Florida	613	4GT1						
Lauderdale	Florida	613	4GT2						
Lauderdale	Florida	613	5GT1						
Lauderdale	Florida	613	5GT2						
Lauderdale	Florida	613	GFL01						
Lauderdale	Florida	613	GFL02						
Lauderdale	Florida	613	GFL03						
Lauderdale	Florida	613	GFL04						
Lauderdale	Florida	613	GFL05						
Lauderdale	Florida	613	GFL06						
Lauderdale	Florida	613	GFL07						
Lauderdale	Florida	613	GFL08						
Lauderdale	Florida	613	GFL09						
Lauderdale	Florida	613	GFL10						
Lauderdale	Florida	613	GFL11						
Lauderdale	Florida	613	GFL12						
Lauderdale	Florida	613	GFL13						
Lauderdale	Florida	613	GFL14						

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Lauderdale	Florida	613	GFL15						
Lauderdale	Florida	613	GFL16						
Lauderdale	Florida	613	GFL17						
Lauderdale	Florida	613	GFL18						
Lauderdale	Florida	613	GFL19						
Lauderdale	Florida	613	GFL20						
Lauderdale	Florida	613	GFL21						
Lauderdale	Florida	613	GFL22						
Lauderdale	Florida	613	GFL23						
Lauderdale	Florida	613	GFL24						
Manatee	Florida	6042	MTCT3A						
Manatee	Florida	6042	MTCT3B						
Manatee	Florida	6042	MTCT3C						
Manatee	Florida	6042	MTCT3D						
Manatee	Florida	6042	PMT1						
Manatee	Florida	6042	PMT2						
Martin	Florida	6043	HRSG3A						
Martin	Florida	6043	HRSG3B						
Martin	Florida	6043	HRSG4A						
Martin	Florida	6043	HRSG4B						
Martin	Florida	6043	PMR1						
Martin	Florida	6043	PMR2						
Martin	Florida	6043	PMR8A						
Martin	Florida	6043	PMR8B						
Martin	Florida	6043	PMR8C						
Martin	Florida	6043	PMR8D						
Midulla Generating Station	Florida	7380	1						
Midulla Generating Station	Florida	7380	2						
Midulla Generating Station	Florida	7380	4A						
Midulla Generating Station	Florida	7380	4B						
Midulla Generating Station	Florida	7380	5A						
Midulla Generating Station	Florida	7380	5B						
Midulla Generating Station	Florida	7380	6A						
Midulla Generating Station	Florida	7380	6B						
Midulla Generating Station	Florida	7380	7A						
Midulla Generating Station	Florida	7380	7B						
Midulla Generating Station	Florida	7380	8A						

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Midulla Generating Station	Florida	7380	8B						
Mulberry Cogeneration Facility	Florida	54426	1						
Northside	Florida	667	1A						
Northside	Florida	667	2A						
Northside	Florida	667	3						
Northside	Florida	667	GT3						
Northside	Florida	667	GT4						
Northside	Florida	667	GT5						
Northside	Florida	667	GT6						
Oleander Power Project	Florida	55286	O-1						
Oleander Power Project	Florida	55286	O-2						
Oleander Power Project	Florida	55286	O-3						
Oleander Power Project	Florida	55286	O-4						
Oleander Power Project	Florida	55286	O-5						
Orange Cogeneration Facility	Florida	54365	1						
Orange Cogeneration Facility	Florida	54365	2						
Orlando CoGen	Florida	54466	1						
Osceola	Florida	55192	OSC1						
Osceola	Florida	55192	OSC2						
Osceola	Florida	55192	OSC3						
Osprey Energy Center	Florida	55412	CT1						
Osprey Energy Center	Florida	55412	CT2						
P L Bartow	Florida	634	4A						
P L Bartow	Florida	634	4B						
P L Bartow	Florida	634	4C						
P L Bartow	Florida	634	4D						
P L Bartow	Florida	634	P1						
P L Bartow	Florida	634	P2						
P L Bartow	Florida	634	P3						
P L Bartow	Florida	634	P4						
Pasco Cogeneration	Florida	54424	EU001						
Pasco Cogeneration	Florida	54424	EU002						
Polk	Florida	7242	**1						
Polk	Florida	7242	**2						
Polk	Florida	7242	**3						
Polk	Florida	7242	**4						
Polk	Florida	7242	**5						

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Port Everglades	Florida	617	GPE01						
Port Everglades	Florida	617	GPE02						
Port Everglades	Florida	617	GPE03						
Port Everglades	Florida	617	GPE04						
Port Everglades	Florida	617	GPE05						
Port Everglades	Florida	617	GPE06						
Port Everglades	Florida	617	GPE07						
Port Everglades	Florida	617	GPE08						
Port Everglades	Florida	617	GPE09						
Port Everglades	Florida	617	GPE10						
Port Everglades	Florida	617	GPE11						
Port Everglades	Florida	617	GPE12						
Port Everglades	Florida	617	PPE1						
Port Everglades	Florida	617	PPE2						
Port Everglades	Florida	617	PPE3						
Port Everglades	Florida	617	PPE4						
Putnam	Florida	6246	HRSG11						
Putnam	Florida	6246	HRSG12						
Putnam	Florida	6246	HRSG21						
Putnam	Florida	6246	HRSG22						
Reedy Creek	Florida	7254	32432						
Ridge Generating Station	Florida	54529	001						
Riviera	Florida	619	PRV3						
Riviera	Florida	619	PRV4						
Roy E Hansel Power Plant	Florida	672	CT21						
S O Purdom	Florida	689	7						
S O Purdom	Florida	689	8						
Sanford	Florida	620	PSN3						
Sanford	Florida	620	SNCT4A						
Sanford	Florida	620	SNCT4B						
Sanford	Florida	620	SNCT4C						
Sanford	Florida	620	SNCT4D						
Sanford	Florida	620	SNCT5A						
Sanford	Florida	620	SNCT5B						
Sanford	Florida	620	SNCT5C						
Sanford	Florida	620	SNCT5D						
Santa Rosa Energy Center	Florida	55242	CT-1						

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Scholz Electric Generating Plant	Florida	642	1						
Scholz Electric Generating Plant	Florida	642	2						
Seminole (136)	Florida	136	1						
Seminole (136)	Florida	136	2						
Shady Hills	Florida	55414	GT101						
Shady Hills	Florida	55414	GT201						
Shady Hills	Florida	55414	GT301						
St. Johns River Power	Florida	207	1						
St. Johns River Power	Florida	207	2						
Stanton A	Florida	55821	25						
Stanton A	Florida	55821	26						
Stock Island	Florida	6584	CT4						
Suwannee River	Florida	638	1						
Suwannee River	Florida	638	1A						
Suwannee River	Florida	638	1B						
Suwannee River	Florida	638	2						
Suwannee River	Florida	638	2A						
Suwannee River	Florida	638	2B						
Suwannee River	Florida	638	3						
Suwannee River	Florida	638	3A						
Suwannee River	Florida	638	3B						
Tiger Bay	Florida	7699	1						
Tom G Smith	Florida	673	GT1						
Tom G Smith	Florida	673	S-3						
Treasure Coast Energy Center	Florida	56400	1						
Turkey Point	Florida	621	PTP1						
Turkey Point	Florida	621	PTP2						
Turkey Point	Florida	621	TPCT5A						
Turkey Point	Florida	621	TPCT5B						
Turkey Point	Florida	621	TPCT5C						
Turkey Point	Florida	621	TPCT5D						
University of Florida	Florida	7345	1						
Vandolah Power Project	Florida	55415	GT101						
Vandolah Power Project	Florida	55415	GT201						
Vandolah Power Project	Florida	55415	GT301						
Vandolah Power Project	Florida	55415	GT401						
Vero Beach Municipal	Florida	693	**5						

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Vero Beach Municipal	Florida	693	3						
Vero Beach Municipal	Florida	693	4						
West County Energy Center	Florida	56407	WCCT1A						
West County Energy Center	Florida	56407	WCCT1B						
West County Energy Center	Florida	56407	WCCT1C						
West County Energy Center	Florida	56407	WCCT2A						
West County Energy Center	Florida	56407	WCCT2B						
West County Energy Center	Florida	56407	WCCT2C						
A B Brown Generating Station	Indiana	6137	1	1,419	1,454	1,438	1,458	1,458	1,458
A B Brown Generating Station	Indiana	6137	2	1,467	1,503	1,486	1,507	1,507	1,507
A B Brown Generating Station	Indiana	6137	3	20	20	20	20	20	20
A B Brown Generating Station	Indiana	6137	4	6	6	6	6	6	6
Alcoa Allowance Management Inc	Indiana	6705	4	2,115	2,167	2,143	2,173	2,173	2,173
Anderson	Indiana	7336	ACT1	2	2	2	2	2	2
Anderson	Indiana	7336	ACT2	2	2	2	2	2	2
Anderson	Indiana	7336	ACT3	1	1	1	1	1	1
Bailly Generating Station	Indiana	995	10	0	0	0	0	0	0
Bailly Generating Station	Indiana	995	7	986	883	865	827	827	827
Bailly Generating Station	Indiana	995	8	1,693	1,517	1,485	1,419	1,419	1,419
Broadway Avenue Generating Station	Indiana	1011	1	4	4	4	4	4	4
Broadway Avenue Generating Station	Indiana	1011	2	27	27	27	27	27	27
Cayuga	Indiana	1001	1	2,666	2,731	2,700	2,738	2,738	2,738
Cayuga	Indiana	1001	2	2,628	2,693	2,663	2,700	2,700	2,700
Cayuga	Indiana	1001	4	8	8	8	8	8	8
Clifty Creek	Indiana	983	1	1,129	1,157	1,144	1,160	1,160	1,160
Clifty Creek	Indiana	983	2	1,216	1,246	1,231	1,249	1,249	1,249
Clifty Creek	Indiana	983	3	1,159	1,188	1,174	1,191	1,191	1,191
Clifty Creek	Indiana	983	4	1,130	1,158	1,145	1,161	1,161	1,161
Clifty Creek	Indiana	983	5	1,215	1,245	1,231	1,248	1,248	1,248
Clifty Creek	Indiana	983	6	1,160	1,188	1,175	1,191	1,191	1,191
Connersville Peaking Station	Indiana	1002	1A	0	0	0	0	0	0
Connersville Peaking Station	Indiana	1002	1B	0	0	0	0	0	0
Connersville Peaking Station	Indiana	1002	2A	0	0	0	0	0	0
Connersville Peaking Station	Indiana	1002	2B	0	0	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	11	0	0	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	4	0	0	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	5	0	0	0	0	0	0

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Dean H Mitchell Generating Station	Indiana	996	6	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	1	5	5	5	5	5	5
Duke Energy Vermillion, II LLC	Indiana	55111	2	5	5	5	5	5	5
Duke Energy Vermillion, II LLC	Indiana	55111	3	4	4	4	4	4	4
Duke Energy Vermillion, II LLC	Indiana	55111	4	4	4	4	4	4	4
Duke Energy Vermillion, II LLC	Indiana	55111	5	5	5	5	5	5	5
Duke Energy Vermillion, II LLC	Indiana	55111	6	4	4	4	4	4	4
Duke Energy Vermillion, II LLC	Indiana	55111	7	4	4	4	4	4	4
Duke Energy Vermillion, II LLC	Indiana	55111	8	4	4	4	4	4	4
Edwardsport	Indiana	1004	6-1	1	1	1	1	1	1
Edwardsport	Indiana	1004	7-1	91	93	92	93	93	93
Edwardsport	Indiana	1004	7-2	77	79	78	80	80	80
Edwardsport	Indiana	1004	8-1	93	96	95	96	96	96
F B Culley Generating Station	Indiana	1012	2	631	646	639	648	648	648
F B Culley Generating Station	Indiana	1012	3	1,909	1,956	1,934	1,961	1,961	1,961
Frank E Ratts	Indiana	1043	1SG1	550	506	506	451	451	451
Frank E Ratts	Indiana	1043	2SG1	578	532	532	473	473	473
Georgetown Substation	Indiana	7759	GT1	3	3	3	3	3	3
Georgetown Substation	Indiana	7759	GT2	4	4	4	4	4	4
Georgetown Substation	Indiana	7759	GT3	4	4	4	4	4	4
Georgetown Substation	Indiana	7759	GT4	5	5	5	5	5	5
Gibson	Indiana	6113	1	3,717	3,808	3,765	3,818	3,818	3,818
Gibson	Indiana	6113	2	3,671	3,761	3,719	3,771	3,771	3,771
Gibson	Indiana	6113	3	3,970	4,068	4,022	4,078	4,078	4,078
Gibson	Indiana	6113	4	3,665	3,755	3,713	3,765	3,765	3,765
Gibson	Indiana	6113	5	3,149	3,227	3,190	3,235	3,235	3,235
Harding Street Station (EW Stout)	Indiana	990	10	1	1	1	1	1	1
Harding Street Station (EW Stout)	Indiana	990	50	567	581	575	583	583	583
Harding Street Station (EW Stout)	Indiana	990	60	541	554	548	556	556	556
Harding Street Station (EW Stout)	Indiana	990	70	2,138	2,190	2,166	2,196	2,196	2,196
Harding Street Station (EW Stout)	Indiana	990	9	2	2	2	2	2	2
Harding Street Station (EW Stout)	Indiana	990	GT4	15	15	15	15	15	15
Harding Street Station (EW Stout)	Indiana	990	GT5	14	15	14	15	15	15
Harding Street Station (EW Stout)	Indiana	990	GT6	9	9	9	9	9	9
Henry County Generating Station	Indiana	7763	1	16	16	16	16	16	16
Henry County Generating Station	Indiana	7763	2	16	16	16	16	16	16
Henry County Generating Station	Indiana	7763	3	17	17	17	17	17	17

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Hoosier Energy Lawrence Co Station	Indiana	7948	1	8	8	8	8	8	8
Hoosier Energy Lawrence Co Station	Indiana	7948	2	8	8	8	8	8	8
Hoosier Energy Lawrence Co Station	Indiana	7948	3	8	8	8	8	8	8
Hoosier Energy Lawrence Co Station	Indiana	7948	4	7	7	7	7	7	7
Hoosier Energy Lawrence Co Station	Indiana	7948	5	6	6	6	6	6	6
Hoosier Energy Lawrence Co Station	Indiana	7948	6	6	7	7	7	7	7
IPL Eagle Valley Generating Station	Indiana	991	1	2	2	2	2	2	2
IPL Eagle Valley Generating Station	Indiana	991	2	2	2	2	2	2	2
IPL Eagle Valley Generating Station	Indiana	991	3	191	196	194	196	196	196
IPL Eagle Valley Generating Station	Indiana	991	4	308	315	312	316	316	316
IPL Eagle Valley Generating Station	Indiana	991	5	257	264	261	264	264	264
IPL Eagle Valley Generating Station	Indiana	991	6	479	491	486	492	492	492
Lawrenceburg Energy Facility	Indiana	55502	1	18	18	18	18	18	18
Lawrenceburg Energy Facility	Indiana	55502	2	16	16	16	16	16	16
Lawrenceburg Energy Facility	Indiana	55502	3	21	21	21	21	21	21
Lawrenceburg Energy Facility	Indiana	55502	4	19	19	19	19	19	19
Merom	Indiana	6213	1SG1	2,384	2,192	2,192	1,950	1,950	1,950
Merom	Indiana	6213	2SG1	2,357	2,165	2,165	1,926	1,926	1,926
Michigan City Generating Station	Indiana	997	12	2,358	2,112	2,068	1,977	1,977	1,977
Michigan City Generating Station	Indiana	997	4	0	0	0	0	0	0
Michigan City Generating Station	Indiana	997	5	0	0	0	0	0	0
Michigan City Generating Station	Indiana	997	6	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT1	6	6	6	6	6	6
Montpelier Electric Gen Station	Indiana	55229	G1CT2	7	7	7	7	7	7
Montpelier Electric Gen Station	Indiana	55229	G2CT1	6	6	6	6	6	6
Montpelier Electric Gen Station	Indiana	55229	G2CT2	5	5	5	5	5	5
Montpelier Electric Gen Station	Indiana	55229	G3CT1	6	6	6	6	6	6
Montpelier Electric Gen Station	Indiana	55229	G3CT2	5	5	5	5	5	5
Montpelier Electric Gen Station	Indiana	55229	G4CT1	6	6	6	6	6	6
Montpelier Electric Gen Station	Indiana	55229	G4CT2	6	6	6	6	6	6
Noblesville	Indiana	1007	CT3	75	77	76	77	77	77
Noblesville	Indiana	1007	CT4	79	81	81	82	82	82
Noblesville	Indiana	1007	CT5	85	87	86	87	87	87
Petersburg	Indiana	994	1	1,405	1,439	1,423	1,443	1,443	1,443
Petersburg	Indiana	994	2	2,482	2,543	2,514	2,550	2,550	2,550
Petersburg	Indiana	994	3	3,576	3,665	3,623	3,674	3,674	3,674
Petersburg	Indiana	994	4	3,450	3,535	3,495	3,544	3,544	3,544

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Portside Energy	Indiana	55096	GT	200	200	200	200	200	200
R Gallagher	Indiana	1008	1	548	562	555	563	563	563
R Gallagher	Indiana	1008	2	618	634	627	635	635	635
R Gallagher	Indiana	1008	3	579	594	587	595	595	595
R Gallagher	Indiana	1008	4	592	607	600	608	608	608
R M Schahfer Generating Station	Indiana	6085	14	2,528	2,266	2,218	2,120	2,120	2,120
R M Schahfer Generating Station	Indiana	6085	15	2,982	2,671	2,616	2,501	2,501	2,501
R M Schahfer Generating Station	Indiana	6085	16A	7	7	7	7	7	7
R M Schahfer Generating Station	Indiana	6085	16B	11	11	11	11	11	11
R M Schahfer Generating Station	Indiana	6085	17	2,373	2,126	2,081	1,989	1,989	1,989
R M Schahfer Generating Station	Indiana	6085	18	2,430	2,177	2,131	2,037	2,037	2,037
Richmond (IN)	Indiana	7335	RCT1	2	2	2	2	2	2
Richmond (IN)	Indiana	7335	RCT2	2	2	2	2	2	2
Rockport	Indiana	6166	MB1	8,034	8,232	8,139	8,252	8,252	8,252
Rockport	Indiana	6166	MB2	7,517	7,703	7,615	7,722	7,722	7,722
State Line Generating Station (IN)	Indiana	981	3	1,140	1,168	1,155	1,171	1,171	1,171
State Line Generating Station (IN)	Indiana	981	4	1,808	1,853	1,832	1,858	1,858	1,858
Sugar Creek Generating Station	Indiana	55364	CT11	189	189	189	189	189	189
Sugar Creek Generating Station	Indiana	55364	CT12	101	101	101	101	101	101
Tanners Creek	Indiana	988	U1	747	766	757	767	767	767
Tanners Creek	Indiana	988	U2	724	742	734	744	744	744
Tanners Creek	Indiana	988	U3	994	1,018	1,007	1,021	1,021	1,021
Tanners Creek	Indiana	988	U4	2,196	2,250	2,224	2,255	2,255	2,255
Wabash River Gen Station	Indiana	1010	1	442	442	442	442	442	442
Wabash River Gen Station	Indiana	1010	2	490	502	497	504	504	504
Wabash River Gen Station	Indiana	1010	3	474	486	481	487	487	487
Wabash River Gen Station	Indiana	1010	4	548	561	555	563	563	563
Wabash River Gen Station	Indiana	1010	5	503	515	509	516	516	516
Wabash River Gen Station	Indiana	1010	6	1,865	1,911	1,889	1,915	1,915	1,915
Wheatland Generating Facility LLC	Indiana	55224	EU-01	12	12	12	12	12	12
Wheatland Generating Facility LLC	Indiana	55224	EU-02	11	11	11	11	11	11
Wheatland Generating Facility LLC	Indiana	55224	EU-03	9	9	9	9	9	9
Wheatland Generating Facility LLC	Indiana	55224	EU-04	10	10	10	10	10	10
Whitewater Valley	Indiana	1040	1	111	114	112	114	114	114
Whitewater Valley	Indiana	1040	2	313	321	317	321	321	321
Whiting Clean Energy, Inc.	Indiana	55259	CT1	54	54	54	54	54	54
Whiting Clean Energy, Inc.	Indiana	55259	CT2	48	48	48	48	48	48

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Worthington Generation	Indiana	55148	1	7	7	7	7	7	7
Worthington Generation	Indiana	55148	2	7	7	7	7	7	7
Worthington Generation	Indiana	55148	3	5	5	5	5	5	5
Worthington Generation	Indiana	55148	4	7	7	7	7	7	7
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1						14
Chanute 2	Kansas	1268	14						20
Cimarron River	Kansas	1230	1						95
Clifton	Kansas	8037	T1						19
Coffeyville	Kansas	1271	4						6
East 12th Street	Kansas	7013	4						6
Emporia Energy Center	Kansas	56502	EEC1						30
Emporia Energy Center	Kansas	56502	EEC2						33
Emporia Energy Center	Kansas	56502	EEC3						33
Emporia Energy Center	Kansas	56502	EEC4						31
Emporia Energy Center	Kansas	56502	EEC5						8
Emporia Energy Center	Kansas	56502	EEC6						11
Emporia Energy Center	Kansas	56502	EEC7						7
Fort Dodge aka Judson Large	Kansas	1233	4						294
Garden City	Kansas	1336	S-2						48
Garden City	Kansas	1336	S4						6
Garden City	Kansas	1336	S5						6
Gordon Evans Energy Center	Kansas	1240	1						126
Gordon Evans Energy Center	Kansas	1240	2						275
Gordon Evans Energy Center	Kansas	1240	E1CT						4
Gordon Evans Energy Center	Kansas	1240	E2CT						5
Gordon Evans Energy Center	Kansas	1240	E3CT						12
Great Bend Station aka Arthur Mullergren	Kansas	1235	3						102
Holcomb	Kansas	108	SGU1						1,724
Hutchinson Energy Center	Kansas	1248	4						132
Hutchinson Energy Center	Kansas	1248	GT1						0
Hutchinson Energy Center	Kansas	1248	GT2						0
Hutchinson Energy Center	Kansas	1248	GT3						0
Hutchinson Energy Center	Kansas	1248	GT4						0
Jeffrey Energy Center	Kansas	6068	1						3,295
Jeffrey Energy Center	Kansas	6068	2						3,189
Jeffrey Energy Center	Kansas	6068	3						3,096
La Cygne	Kansas	1241	1						3,149

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La Cygne	Kansas	1241	2						3,097
Lawrence Energy Center	Kansas	1250	3						285
Lawrence Energy Center	Kansas	1250	4						556
Lawrence Energy Center	Kansas	1250	5						1,645
McPherson 2	Kansas	1305	GT1						2
McPherson 2	Kansas	1305	GT2						2
McPherson 2	Kansas	1305	GT3						2
McPherson 3	Kansas	7515	1						15
Murray Gill Energy Center	Kansas	1242	1						6
Murray Gill Energy Center	Kansas	1242	2						17
Murray Gill Energy Center	Kansas	1242	3						91
Murray Gill Energy Center	Kansas	1242	4						65
Nearman Creek	Kansas	6064	CT4						24
Nearman Creek	Kansas	6064	N1						1,149
Neosho Energy Center	Kansas	1243	7						6
Osawatomie Generating Station	Kansas	7928	1						2
Quindaro	Kansas	1295	1						366
Quindaro	Kansas	1295	2						467
Quindaro	Kansas	1295	GT2						2
Quindaro	Kansas	1295	GT3						2
Riverton	Kansas	1239	12						32
Riverton	Kansas	1239	39						154
Riverton	Kansas	1239	40						261
Tecumseh Energy Center	Kansas	1252	10						624
Tecumseh Energy Center	Kansas	1252	9						386
West Gardner Generating Station	Kansas	7929	1						4
West Gardner Generating Station	Kansas	7929	2						4
West Gardner Generating Station	Kansas	7929	3						4
West Gardner Generating Station	Kansas	7929	4						4
Big Sandy	Kentucky	1353	BSU1						
Big Sandy	Kentucky	1353	BSU2						
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1						
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2						
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3						
Cane Run	Kentucky	1363	4						
Cane Run	Kentucky	1363	5						
Cane Run	Kentucky	1363	6						

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Coleman	Kentucky	1381	C1						
Coleman	Kentucky	1381	C2						
Coleman	Kentucky	1381	C3						
D B Wilson	Kentucky	6823	W1						
E W Brown	Kentucky	1355	1						
E W Brown	Kentucky	1355	10						
E W Brown	Kentucky	1355	11						
E W Brown	Kentucky	1355	2						
E W Brown	Kentucky	1355	3						
E W Brown	Kentucky	1355	5						
E W Brown	Kentucky	1355	6						
E W Brown	Kentucky	1355	7						
E W Brown	Kentucky	1355	8						
E W Brown	Kentucky	1355	9						
East Bend	Kentucky	6018	2						
Elmer Smith	Kentucky	1374	1						
Elmer Smith	Kentucky	1374	2						
Ghent	Kentucky	1356	1						
Ghent	Kentucky	1356	2						
Ghent	Kentucky	1356	3						
Ghent	Kentucky	1356	4						
Green River	Kentucky	1357	4						
Green River	Kentucky	1357	5						
H L Spurlock	Kentucky	6041	1						
H L Spurlock	Kentucky	6041	2						
H L Spurlock	Kentucky	6041	3						
H L Spurlock	Kentucky	6041	4						
HMP&L Station 2	Kentucky	1382	H1						
HMP&L Station 2	Kentucky	1382	H2						
John S. Cooper	Kentucky	1384	1						
John S. Cooper	Kentucky	1384	2						
Marshall	Kentucky	55232	CT1						
Marshall	Kentucky	55232	CT2						
Marshall	Kentucky	55232	CT3						
Marshall	Kentucky	55232	CT4						
Marshall	Kentucky	55232	CT5						
Marshall	Kentucky	55232	CT6						

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Marshall	Kentucky	55232	CT7						
Marshall	Kentucky	55232	CT8						
Mill Creek	Kentucky	1364	1						
Mill Creek	Kentucky	1364	2						
Mill Creek	Kentucky	1364	3						
Mill Creek	Kentucky	1364	4						
Paddy's Run	Kentucky	1366	12						
Paddy's Run	Kentucky	1366	13						
Paradise	Kentucky	1378	1						
Paradise	Kentucky	1378	2						
Paradise	Kentucky	1378	3						
R D Green	Kentucky	6639	G1						
R D Green	Kentucky	6639	G2						
Riverside Generating Company	Kentucky	55198	GTG101						
Riverside Generating Company	Kentucky	55198	GTG201						
Riverside Generating Company	Kentucky	55198	GTG301						
Riverside Generating Company	Kentucky	55198	GTG401						
Riverside Generating Company	Kentucky	55198	GTG501						
Robert Reid	Kentucky	1383	R1						
Robert Reid	Kentucky	1383	RT						
Shawnee	Kentucky	1379	1						
Shawnee	Kentucky	1379	10						
Shawnee	Kentucky	1379	2						
Shawnee	Kentucky	1379	3						
Shawnee	Kentucky	1379	4						
Shawnee	Kentucky	1379	5						
Shawnee	Kentucky	1379	6						
Shawnee	Kentucky	1379	7						
Shawnee	Kentucky	1379	8						
Shawnee	Kentucky	1379	9						
Smith Generating Facility	Kentucky	54	SCT1						
Smith Generating Facility	Kentucky	54	SCT10						
Smith Generating Facility	Kentucky	54	SCT2						
Smith Generating Facility	Kentucky	54	SCT3						
Smith Generating Facility	Kentucky	54	SCT4						
Smith Generating Facility	Kentucky	54	SCT5						
Smith Generating Facility	Kentucky	54	SCT6						

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Smith Generating Facility	Kentucky	54	SCT7						
Smith Generating Facility	Kentucky	54	SCT9						
Trimble County	Kentucky	6071	1						
Trimble County	Kentucky	6071	10						
Trimble County	Kentucky	6071	5						
Trimble County	Kentucky	6071	6						
Trimble County	Kentucky	6071	7						
Trimble County	Kentucky	6071	8						
Trimble County	Kentucky	6071	9						
Tyrone	Kentucky	1361	5						
William C. Dale	Kentucky	1385	1						
William C. Dale	Kentucky	1385	2						
William C. Dale	Kentucky	1385	3						
William C. Dale	Kentucky	1385	4						
Acadia Power Station	Louisiana	55173	CT1						
Acadia Power Station	Louisiana	55173	CT2						
Acadia Power Station	Louisiana	55173	CT3						
Acadia Power Station	Louisiana	55173	CT4						
Arsenal Hill Power Plant	Louisiana	1416	5A						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4						
Big Cajun 1	Louisiana	1464	1B1						
Big Cajun 1	Louisiana	1464	1B2						
Big Cajun 1	Louisiana	1464	CTG1						
Big Cajun 1	Louisiana	1464	CTG2						
Big Cajun 2	Louisiana	6055	2B1						
Big Cajun 2	Louisiana	6055	2B2						
Big Cajun 2	Louisiana	6055	2B3						
Brame Energy Center	Louisiana	6190	1						
Brame Energy Center	Louisiana	6190	2						
Brame Energy Center	Louisiana	6190	3-1						
Brame Energy Center	Louisiana	6190	3-2						
Calcasieu Plant	Louisiana	55165	GTG1						
Calcasieu Plant	Louisiana	55165	GTG2						
Carville Energy Center	Louisiana	55404	COG01						

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Carville Energy Center	Louisiana	55404	COG02						
Coughlin Power Station	Louisiana	1396	6-1						
Coughlin Power Station	Louisiana	1396	7-1						
Coughlin Power Station	Louisiana	1396	7-2						
D G Hunter	Louisiana	6558	3						
D G Hunter	Louisiana	6558	4						
Doc Bonin	Louisiana	1443	1						
Doc Bonin	Louisiana	1443	2						
Doc Bonin	Louisiana	1443	3						
Dolet Hills Power Station	Louisiana	51	1						
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1						
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2						
Houma	Louisiana	1439	15						
Houma	Louisiana	1439	16						
Lieberman Power Plant	Louisiana	1417	3						
Lieberman Power Plant	Louisiana	1417	4						
Little Gypsy	Louisiana	1402	1						
Little Gypsy	Louisiana	1402	2						
Little Gypsy	Louisiana	1402	3						
Louisiana 1	Louisiana	1391	1A						
Louisiana 1	Louisiana	1391	2A						
Louisiana 1	Louisiana	1391	3A						
Louisiana 1	Louisiana	1391	4A						
Louisiana 1	Louisiana	1391	5A						
Michoud	Louisiana	1409	1						
Michoud	Louisiana	1409	2						
Michoud	Louisiana	1409	3						
Morgan City Electrical Gen Facility	Louisiana	1449	4						
Natchitoches	Louisiana	1450	10						
Nelson Industrial Steam Company	Louisiana	50030	1A						
Nelson Industrial Steam Company	Louisiana	50030	2A						
Ninemile Point	Louisiana	1403	1						
Ninemile Point	Louisiana	1403	2						
Ninemile Point	Louisiana	1403	3						
Ninemile Point	Louisiana	1403	4						
Ninemile Point	Louisiana	1403	5						
Ouachita Plant	Louisiana	55467	CTGEN1						

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Ouachita Plant	Louisiana	55467	CTGEN2						
Ouachita Plant	Louisiana	55467	CTGEN3						
Perryville Power Station	Louisiana	55620	1-1						
Perryville Power Station	Louisiana	55620	1-2						
Perryville Power Station	Louisiana	55620	2-1						
Plaquemine Cogen Facility	Louisiana	55419	500						
Plaquemine Cogen Facility	Louisiana	55419	600						
Plaquemine Cogen Facility	Louisiana	55419	700						
Plaquemine Cogen Facility	Louisiana	55419	800						
R S Cogen	Louisiana	55117	RS-5						
R S Cogen	Louisiana	55117	RS-6						
R S Nelson	Louisiana	1393	3						
R S Nelson	Louisiana	1393	4						
R S Nelson	Louisiana	1393	6						
Sterlington	Louisiana	1404	10						
Sterlington	Louisiana	1404	7AB						
Sterlington	Louisiana	1404	7C						
T J Labbe Electric Generating Station	Louisiana	56108	U-1						
T J Labbe Electric Generating Station	Louisiana	56108	U-2						
Taft Cogeneration Facility	Louisiana	55089	CT1						
Taft Cogeneration Facility	Louisiana	55089	CT2						
Taft Cogeneration Facility	Louisiana	55089	CT3						
Teche Power Station	Louisiana	1400	2						
Teche Power Station	Louisiana	1400	3						
Waterford 1 & 2	Louisiana	8056	1						
Waterford 1 & 2	Louisiana	8056	2						
Waterford 1 & 2	Louisiana	8056	4						
Willow Glen	Louisiana	1394	1						
Willow Glen	Louisiana	1394	2						
Willow Glen	Louisiana	1394	3						
Willow Glen	Louisiana	1394	4						
Willow Glen	Louisiana	1394	5						
48th Street Peaking Station	Michigan	7258	**7	5	5	5	5	5	5
48th Street Peaking Station	Michigan	7258	**8	3	3	3	3	3	3
48th Street Peaking Station	Michigan	7258	9	7	7	7	7	7	7
B C Cobb	Michigan	1695	4	755	755	726	726	726	726
B C Cobb	Michigan	1695	5	872	872	839	839	839	839

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Belle River	Michigan	6034	1	3,398	3,398	3,266	3,266	3,266	3,266
Belle River	Michigan	6034	2	3,574	3,574	3,435	3,435	3,435	3,435
Belle River	Michigan	6034	CTG121	10	10	10	10	10	10
Belle River	Michigan	6034	CTG122	9	9	9	9	9	9
Belle River	Michigan	6034	CTG131	10	10	10	10	10	10
Cadillac Renewable Energy	Michigan	54415	EUBLR	234	234	234	234	234	234
Connors Creek	Michigan	1726	15	20	20	19	19	19	19
Connors Creek	Michigan	1726	16	20	20	20	20	20	20
Connors Creek	Michigan	1726	17	20	20	19	19	19	19
Connors Creek	Michigan	1726	18	16	16	16	16	16	16
DTE East China	Michigan	55718	1	5	5	5	5	5	5
DTE East China	Michigan	55718	2	6	6	6	6	6	6
DTE East China	Michigan	55718	3	6	6	6	6	6	6
DTE East China	Michigan	55718	4	6	6	6	6	6	6
DTE Pontiac North LLC	Michigan	10111	EUBHB9	129	129	129	129	129	129
Dan E Karn	Michigan	1702	1	1,333	1,333	1,281	1,281	1,281	1,281
Dan E Karn	Michigan	1702	2	1,398	1,398	1,344	1,344	1,344	1,344
Dan E Karn	Michigan	1702	3	142	142	136	136	136	136
Dan E Karn	Michigan	1702	4	132	132	127	127	127	127
Dearborn Industrial Generation	Michigan	55088	BL1100	68	68	68	68	68	68
Dearborn Industrial Generation	Michigan	55088	BL2100	38	38	38	38	38	38
Dearborn Industrial Generation	Michigan	55088	BL3100	54	54	54	54	54	54
Dearborn Industrial Generation	Michigan	55088	GT2100	98	98	98	98	98	98
Dearborn Industrial Generation	Michigan	55088	GT3100	106	106	106	106	106	106
Dearborn Industrial Generation	Michigan	55088	GTP1	58	58	58	58	58	58
Delray	Michigan	1728	CTG111	7	7	7	7	7	7
Delray	Michigan	1728	CTG121	9	9	9	9	9	9
Eckert Station	Michigan	1831	1	218	218	210	210	210	210
Eckert Station	Michigan	1831	2	219	219	210	210	210	210
Eckert Station	Michigan	1831	3	217	217	208	208	208	208
Eckert Station	Michigan	1831	4	367	367	352	352	352	352
Eckert Station	Michigan	1831	5	432	432	416	416	416	416
Eckert Station	Michigan	1831	6	402	402	386	386	386	386
Endicott Generating	Michigan	4259	1	477	477	458	458	458	458
Erickson	Michigan	1832	1	968	968	931	931	931	931
Genesee Power Station	Michigan	54751	01	188	188	181	181	181	181
Grayling Generating Station	Michigan	10822	1	255	255	245	245	245	245

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Greenwood	Michigan	6035	1	338	338	325	325	325	325
Greenwood	Michigan	6035	CTG111	8	8	8	8	8	8
Greenwood	Michigan	6035	CTG112	7	7	7	7	7	7
Greenwood	Michigan	6035	CTG121	7	7	7	7	7	7
Hancock Peakers	Michigan	1730	CTG121	1	1	1	1	1	1
Hancock Peakers	Michigan	1730	CTG122	1	1	1	1	1	1
Harbor Beach	Michigan	1731	1	174	174	167	167	167	167
J B Sims	Michigan	1825	3	319	319	306	306	306	306
J C Weadock	Michigan	1720	7	734	734	706	706	706	706
J C Weadock	Michigan	1720	8	753	753	723	723	723	723
J H Campbell	Michigan	1710	1	1,543	1,543	1,483	1,483	1,483	1,483
J H Campbell	Michigan	1710	2	1,808	1,808	1,738	1,738	1,738	1,738
J H Campbell	Michigan	1710	3	4,922	4,922	4,731	4,731	4,731	4,731
J R Whiting	Michigan	1723	1	632	632	607	607	607	607
J R Whiting	Michigan	1723	2	646	646	621	621	621	621
J R Whiting	Michigan	1723	3	790	790	759	759	759	759
Jackson MI Facility	Michigan	55270	7EA	29	29	29	29	29	29
Jackson MI Facility	Michigan	55270	LM1	31	31	31	31	31	31
Jackson MI Facility	Michigan	55270	LM2	28	28	28	28	28	28
Jackson MI Facility	Michigan	55270	LM3	30	30	30	30	30	30
Jackson MI Facility	Michigan	55270	LM4	30	30	30	30	30	30
Jackson MI Facility	Michigan	55270	LM5	30	30	30	30	30	30
Jackson MI Facility	Michigan	55270	LM6	29	29	29	29	29	29
James De Young	Michigan	1830	5	127	127	122	122	122	122
Kalamazoo River Generating Station	Michigan	55101	1	4	4	4	4	4	4
Kalkaska Ct Project #1	Michigan	7984	1A	5	5	5	5	5	5
Kalkaska Ct Project #1	Michigan	7984	1B	5	5	5	5	5	5
Livingston Generating Station	Michigan	55102	1	9	9	8	8	8	8
Livingston Generating Station	Michigan	55102	2	5	5	5	5	5	5
Livingston Generating Station	Michigan	55102	3	13	13	12	12	12	12
Livingston Generating Station	Michigan	55102	4	8	8	7	7	7	7
Michigan Power Limited Partnership	Michigan	54915	1	210	210	210	210	210	210
Midland Cogeneration Venture	Michigan	10745	003	179	179	172	172	172	172
Midland Cogeneration Venture	Michigan	10745	004	166	166	166	166	166	166
Midland Cogeneration Venture	Michigan	10745	005	176	176	170	170	170	170
Midland Cogeneration Venture	Michigan	10745	006	233	233	233	233	233	233
Midland Cogeneration Venture	Michigan	10745	007	137	137	137	137	137	137

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Midland Cogeneration Venture	Michigan	10745	008	253	253	253	253	253	253
Midland Cogeneration Venture	Michigan	10745	009	162	162	160	160	160	160
Midland Cogeneration Venture	Michigan	10745	010	244	244	244	244	244	244
Midland Cogeneration Venture	Michigan	10745	011	190	190	190	190	190	190
Midland Cogeneration Venture	Michigan	10745	012	375	375	375	375	375	375
Midland Cogeneration Venture	Michigan	10745	013	198	198	198	198	198	198
Midland Cogeneration Venture	Michigan	10745	014	206	206	206	206	206	206
Midland Cogeneration Venture	Michigan	10745	016	22	22	22	22	22	22
Midland Cogeneration Venture	Michigan	10745	017	22	22	22	22	22	22
Midland Cogeneration Venture	Michigan	10745	018	18	18	18	18	18	18
Midland Cogeneration Venture	Michigan	10745	019	20	20	20	20	20	20
Midland Cogeneration Venture	Michigan	10745	020	16	16	16	16	16	16
Midland Cogeneration Venture	Michigan	10745	021	15	15	15	15	15	15
Mistersky	Michigan	1822	5	41	41	40	40	40	40
Mistersky	Michigan	1822	6	150	150	144	144	144	144
Mistersky	Michigan	1822	7	28	28	27	27	27	27
Mistersky	Michigan	1822	GT-1	1	1	1	1	1	1
Monroe	Michigan	1733	1	3,844	3,844	3,695	3,695	3,695	3,695
Monroe	Michigan	1733	2	3,462	3,462	3,328	3,328	3,328	3,328
Monroe	Michigan	1733	3	3,776	3,776	3,630	3,630	3,630	3,630
Monroe	Michigan	1733	4	3,847	3,847	3,698	3,698	3,698	3,698
New Covert Generating Project	Michigan	55297	001	277	277	266	266	266	266
New Covert Generating Project	Michigan	55297	002	330	330	317	317	317	317
New Covert Generating Project	Michigan	55297	003	238	238	229	229	229	229
Presque Isle	Michigan	1769	5	427	427	411	411	411	411
Presque Isle	Michigan	1769	6	439	439	422	422	422	422
Presque Isle	Michigan	1769	7	496	496	477	477	477	477
Presque Isle	Michigan	1769	8	539	539	518	518	518	518
Presque Isle	Michigan	1769	9	547	547	525	525	525	525
Renaissance Power	Michigan	55402	CT1	26	26	26	26	26	26
Renaissance Power	Michigan	55402	CT2	25	25	25	25	25	25
Renaissance Power	Michigan	55402	CT3	37	37	37	37	37	37
Renaissance Power	Michigan	55402	CT4	34	34	34	34	34	34
River Rouge	Michigan	1740	1	0	0	0	0	0	0
River Rouge	Michigan	1740	2	1,341	1,341	1,288	1,288	1,288	1,288
River Rouge	Michigan	1740	3	1,379	1,379	1,326	1,326	1,326	1,326
Shiras	Michigan	1843	3	300	300	298	298	298	298

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St. Clair	Michigan	1743	1	688	688	661	661	661	661
St. Clair	Michigan	1743	2	694	694	667	667	667	667
St. Clair	Michigan	1743	3	735	735	707	707	707	707
St. Clair	Michigan	1743	4	721	721	693	693	693	693
St. Clair	Michigan	1743	6	1,315	1,315	1,264	1,264	1,264	1,264
St. Clair	Michigan	1743	7	1,825	1,825	1,754	1,754	1,754	1,754
Sumpter Plant	Michigan	7972	1	5	5	5	5	5	5
Sumpter Plant	Michigan	7972	2	5	5	5	5	5	5
Sumpter Plant	Michigan	7972	3	5	5	5	5	5	5
Sumpter Plant	Michigan	7972	4	6	6	6	6	6	6
TES Filer City Station	Michigan	50835	1	248	248	238	238	238	238
TES Filer City Station	Michigan	50835	2	252	252	242	242	242	242
Thetford	Michigan	1719	1	2	2	2	2	2	2
Thetford	Michigan	1719	2	1	1	1	1	1	1
Thetford	Michigan	1719	3	2	2	1	1	1	1
Thetford	Michigan	1719	4	1	1	1	1	1	1
Trenton Channel	Michigan	1745	16	299	299	287	287	287	287
Trenton Channel	Michigan	1745	17	288	288	277	277	277	277
Trenton Channel	Michigan	1745	18	289	289	277	277	277	277
Trenton Channel	Michigan	1745	19	284	284	273	273	273	273
Trenton Channel	Michigan	1745	9A	2,148	2,148	2,065	2,065	2,065	2,065
Wyandotte	Michigan	1866	5	1	1	1	1	1	1
Wyandotte	Michigan	1866	7	239	239	230	230	230	230
Wyandotte	Michigan	1866	8	144	144	138	138	138	138
Zeeland Generating Station	Michigan	55087	CC1	24	24	24	24	24	24
Zeeland Generating Station	Michigan	55087	CC2	27	27	27	27	27	27
Zeeland Generating Station	Michigan	55087	CC3	41	41	41	41	41	41
Zeeland Generating Station	Michigan	55087	CC4	37	37	37	37	37	37
Attala Generating Plant	Mississippi	55220	A01						
Attala Generating Plant	Mississippi	55220	A02						
Batesville Generation Facility	Mississippi	55063	1						
Batesville Generation Facility	Mississippi	55063	2						
Batesville Generation Facility	Mississippi	55063	3						
Baxter Wilson	Mississippi	2050	1						
Baxter Wilson	Mississippi	2050	2						
Caledonia	Mississippi	55197	AA-001						
Caledonia	Mississippi	55197	AA-002						

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Caledonia	Mississippi	55197	AA-003						
Chevron Cogenerating Station	Mississippi	2047	5						
Choctaw County Gen	Mississippi	55706	CTG1						
Choctaw County Gen	Mississippi	55706	CTG2						
Choctaw County Gen	Mississippi	55706	CTG3						
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001						
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002						
Crossroads Energy Center (CPU)	Mississippi	55395	CT01						
Crossroads Energy Center (CPU)	Mississippi	55395	CT02						
Crossroads Energy Center (CPU)	Mississippi	55395	CT03						
Crossroads Energy Center (CPU)	Mississippi	55395	CT04						
Daniel Electric Generating Plant	Mississippi	6073	1						
Daniel Electric Generating Plant	Mississippi	6073	2						
Daniel Electric Generating Plant	Mississippi	6073	3A						
Daniel Electric Generating Plant	Mississippi	6073	3B						
Daniel Electric Generating Plant	Mississippi	6073	4A						
Daniel Electric Generating Plant	Mississippi	6073	4B						
Delta	Mississippi	2051	1						
Delta	Mississippi	2051	2						
Gerald Andrus	Mississippi	8054	1						
Hinds Energy Facility	Mississippi	55218	H01						
Hinds Energy Facility	Mississippi	55218	H02						
Kemper County	Mississippi	7960	KCT1						
Kemper County	Mississippi	7960	KCT2						
Kemper County	Mississippi	7960	KCT3						
Kemper County	Mississippi	7960	KCT4						
Magnolia Facility	Mississippi	55451	CTG-1						
Magnolia Facility	Mississippi	55451	CTG-2						
Magnolia Facility	Mississippi	55451	CTG-3						
Moselle Generating Plant	Mississippi	2070	**4						
Moselle Generating Plant	Mississippi	2070	1						
Moselle Generating Plant	Mississippi	2070	2						
Moselle Generating Plant	Mississippi	2070	3						
Moselle Generating Plant	Mississippi	2070	5						
R D Morrow Senior Generating Plant	Mississippi	6061	1						
R D Morrow Senior Generating Plant	Mississippi	6061	2						
Red Hills Generation Facility	Mississippi	55076	AA001						

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Red Hills Generation Facility	Mississippi	55076	AA002						
Rex Brown	Mississippi	2053	3						
Rex Brown	Mississippi	2053	4						
Silver Creek Generating Plant	Mississippi	7988	1						
Silver Creek Generating Plant	Mississippi	7988	2						
Silver Creek Generating Plant	Mississippi	7988	3						
Southaven Combined Cycle	Mississippi	55269	AA-001						
Southaven Combined Cycle	Mississippi	55269	AA-002						
Southaven Combined Cycle	Mississippi	55269	AA-003						
Sweatt Electric Generating Plant	Mississippi	2048	1						
Sweatt Electric Generating Plant	Mississippi	2048	2						
Sweatt Electric Generating Plant	Mississippi	2048	CTA						
Sweatt Electric Generating Plant	Mississippi	2048	CTB						
Sylvarena Generating Plant	Mississippi	7989	1						
Sylvarena Generating Plant	Mississippi	7989	2						
Sylvarena Generating Plant	Mississippi	7989	3						
Watson Electric Generating Plant	Mississippi	2049	1						
Watson Electric Generating Plant	Mississippi	2049	2						
Watson Electric Generating Plant	Mississippi	2049	3						
Watson Electric Generating Plant	Mississippi	2049	4						
Watson Electric Generating Plant	Mississippi	2049	5						
Watson Electric Generating Plant	Mississippi	2049	CTA						
Watson Electric Generating Plant	Mississippi	2049	CTB						
Beatrice	Nebraska	8000	1	11	11	11	11	11	11
Beatrice	Nebraska	8000	2	10	10	10	10	10	10
C W Burdick	Nebraska	2241	B-3	3	3	3	3	3	3
C W Burdick	Nebraska	2241	GT-2	3	3	3	3	3	3
C W Burdick	Nebraska	2241	GT-3	2	2	2	2	2	2
Canaday	Nebraska	2226	1	75	75	75	75	75	75
Cass County Station	Nebraska	55972	CT1	19	19	19	19	19	19
Cass County Station	Nebraska	55972	CT2	20	20	20	20	20	20
Gerald Gentleman Station	Nebraska	6077	1	5,256	5,256	5,256	5,256	5,256	5,256
Gerald Gentleman Station	Nebraska	6077	2	5,765	5,765	5,765	5,765	5,765	5,765
Gerald Whelan Energy Center	Nebraska	60	1	657	657	657	657	657	657
Hallam	Nebraska	2265	1	3	3	3	3	3	3
Hebron	Nebraska	2266	1	1	1	1	1	1	1
J Street	Nebraska	2250	1	1	1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Jones Street	Nebraska	2290	1	1	1	1	1	1	1
Jones Street	Nebraska	2290	2	1	1	1	1	1	1
Lon D Wright Power Plant	Nebraska	2240	50T	1	1	1	1	1	1
Lon D Wright Power Plant	Nebraska	2240	8	515	515	515	515	515	515
McCook	Nebraska	2271	1	1	1	1	1	1	1
Nebraska City Station	Nebraska	6096	1	4,696	4,696	4,696	4,696	4,696	4,696
Nebraska City Station	Nebraska	6096	2	4,180	4,180	4,180	4,180	4,180	4,180
North Omaha Station	Nebraska	2291	1	500	500	500	500	500	500
North Omaha Station	Nebraska	2291	2	681	681	681	681	681	681
North Omaha Station	Nebraska	2291	3	680	680	680	680	680	680
North Omaha Station	Nebraska	2291	4	787	787	787	787	787	787
North Omaha Station	Nebraska	2291	5	1,390	1,390	1,390	1,390	1,390	1,390
Platte	Nebraska	59	1	847	847	847	847	847	847
Rokeby	Nebraska	6373	1	5	5	5	5	5	5
Rokeby	Nebraska	6373	2	11	11	11	11	11	11
Rokeby	Nebraska	6373	3	13	13	13	13	13	13
Sarpy County	Nebraska	2292	1	36	36	36	36	36	36
Sarpy County	Nebraska	2292	2	36	36	36	36	36	36
Sarpy County Station	Nebraska	2292	CT3	22	22	22	22	22	22
Sarpy County Station	Nebraska	2292	CT4A	13	13	13	13	13	13
Sarpy County Station	Nebraska	2292	CT4B	13	13	13	13	13	13
Sarpy County Station	Nebraska	2292	CT5A	9	9	9	9	9	9
Sarpy County Station	Nebraska	2292	CT5B	10	10	10	10	10	10
Sheldon	Nebraska	2277	1	881	881	881	881	881	881
Sheldon	Nebraska	2277	2	970	970	970	970	970	970
Terry Bundy Generating Station	Nebraska	7887	SVGS2	45	45	45	45	45	45
Terry Bundy Generating Station	Nebraska	7887	SVGS3	48	48	48	48	48	48
Terry Bundy Generating Station	Nebraska	7887	SVGS4	20	20	20	20	20	20
AES Red Oak	New Jersey	55239	1	54	54	54	54	54	54
AES Red Oak	New Jersey	55239	2	60	60	60	60	60	60
AES Red Oak	New Jersey	55239	3	55	55	55	55	55	55
B L England	New Jersey	2378	1	245	245	235	235	235	235
B L England	New Jersey	2378	2	340	340	326	326	326	326
B L England	New Jersey	2378	3	34	34	33	33	33	33
Bayonne Plant Holding, LLC	New Jersey	50497	001001	20	20	20	20	20	20
Bayonne Plant Holding, LLC	New Jersey	50497	002001	14	14	14	14	14	14
Bayonne Plant Holding, LLC	New Jersey	50497	004001	21	21	21	21	21	21

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Bergen	New Jersey	2398	1101	94	94	94	94	94	94
Bergen	New Jersey	2398	1201	103	103	103	103	103	103
Bergen	New Jersey	2398	1301	116	116	116	116	116	116
Bergen	New Jersey	2398	1401	125	125	125	125	125	125
Bergen	New Jersey	2398	2101	42	42	42	42	42	42
Bergen	New Jersey	2398	2201	38	38	38	38	38	38
Burlington Generating Station	New Jersey	2399	12001	1	1	1	1	1	1
Burlington Generating Station	New Jersey	2399	121	21	21	20	20	20	20
Burlington Generating Station	New Jersey	2399	122	18	18	17	17	17	17
Burlington Generating Station	New Jersey	2399	123	18	18	17	17	17	17
Burlington Generating Station	New Jersey	2399	124	20	20	19	19	19	19
Burlington Generating Station	New Jersey	2399	14001	1	1	1	1	1	1
Burlington Generating Station	New Jersey	2399	16001	1	1	0	0	0	0
Burlington Generating Station	New Jersey	2399	18001	1	1	1	1	1	1
Burlington Generating Station	New Jersey	2399	28001	1	1	1	1	1	1
Burlington Generating Station	New Jersey	2399	30001	1	1	1	1	1	1
Burlington Generating Station	New Jersey	2399	32001	1	1	1	1	1	1
Burlington Generating Station	New Jersey	2399	34001	1	1	1	1	1	1
Camden Plant Holding, LLC	New Jersey	10751	002001	62	62	62	62	62	62
Carlls Corner Energy Center	New Jersey	2379	002001	10	10	10	10	10	10
Carlls Corner Energy Center	New Jersey	2379	003001	7	7	7	7	7	7
Carneys Point	New Jersey	10566	1001	522	522	500	500	500	500
Carneys Point	New Jersey	10566	1002	534	534	511	511	511	511
Cedar Energy Station	New Jersey	2380	002001	1	1	1	1	1	1
Cedar Energy Station	New Jersey	2380	003001	1	1	1	1	1	1
Cedar Energy Station	New Jersey	2380	004001	1	1	1	1	1	1
Cumberland Energy Center	New Jersey	5083	004001	19	19	18	18	18	18
Cumberland Energy Center	New Jersey	5083	05001	2	2	2	2	2	2
Deepwater	New Jersey	2384	1	5	5	5	5	5	5
Deepwater	New Jersey	2384	8	172	172	165	165	165	165
EFS Parlin Holdings, LLC	New Jersey	50799	001001	10	10	10	10	10	10
EFS Parlin Holdings, LLC	New Jersey	50799	003001	10	10	10	10	10	10
Edison	New Jersey	2400	1001	10	10	10	10	10	10
Edison	New Jersey	2400	11001	6	6	6	6	6	6
Edison	New Jersey	2400	13001	4	4	4	4	4	4
Edison	New Jersey	2400	15001	4	4	4	4	4	4
Edison	New Jersey	2400	17001	6	6	6	6	6	6

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Edison	New Jersey	2400	19001	6	6	6	6	6	6
Edison	New Jersey	2400	21001	5	5	5	5	5	5
Edison	New Jersey	2400	23001	6	6	5	5	5	5
Edison	New Jersey	2400	3001	8	8	8	8	8	8
Edison	New Jersey	2400	5001	7	7	7	7	7	7
Edison	New Jersey	2400	7001	7	7	7	7	7	7
Edison	New Jersey	2400	9001	6	6	5	5	5	5
Elmwood Park Power - LLC	New Jersey	50852	002001	8	8	8	8	8	8
Essex	New Jersey	2401	10001	12	12	11	11	11	11
Essex	New Jersey	2401	12001	12	12	11	11	11	11
Essex	New Jersey	2401	14001	9	9	9	9	9	9
Essex	New Jersey	2401	16001	9	9	8	8	8	8
Essex	New Jersey	2401	18001	8	8	8	8	8	8
Essex	New Jersey	2401	20001	8	8	8	8	8	8
Essex	New Jersey	2401	2001	12	12	11	11	11	11
Essex	New Jersey	2401	22001	9	9	8	8	8	8
Essex	New Jersey	2401	24001	9	9	9	9	9	9
Essex	New Jersey	2401	26001	9	9	9	9	9	9
Essex	New Jersey	2401	28001	10	10	9	9	9	9
Essex	New Jersey	2401	35001	26	26	25	25	25	25
Essex	New Jersey	2401	4001	12	12	11	11	11	11
Forked River	New Jersey	7138	002001	4	4	4	4	4	4
Forked River	New Jersey	7138	003001	4	4	4	4	4	4
Gilbert Generating Station	New Jersey	2393	04	6	6	6	6	6	6
Gilbert Generating Station	New Jersey	2393	05	5	5	5	5	5	5
Gilbert Generating Station	New Jersey	2393	06	5	5	5	5	5	5
Gilbert Generating Station	New Jersey	2393	07	5	5	5	5	5	5
Gilbert Generating Station	New Jersey	2393	9	5	5	5	5	5	5
Hudson Generating Station	New Jersey	2403	1	37	37	35	35	35	35
Hudson Generating Station	New Jersey	2403	2	1,237	1,237	1,184	1,184	1,184	1,184
Kearny Generating Station	New Jersey	2404	121	20	20	19	19	19	19
Kearny Generating Station	New Jersey	2404	122	21	21	20	20	20	20
Kearny Generating Station	New Jersey	2404	123	18	18	17	17	17	17
Kearny Generating Station	New Jersey	2404	124	22	22	21	21	21	21
Kearny Generating Station	New Jersey	2404	16001	5	5	5	5	5	5
Kearny Generating Station	New Jersey	2404	17001	5	5	5	5	5	5
Lakewood Cogeneration	New Jersey	54640	001001	32	32	32	32	32	32

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Lakewood Cogeneration	New Jersey	54640	002001	32	32	32	32	32	32
Linden Cogeneration Facility	New Jersey	50006	004001	33	33	33	33	33	33
Linden Cogeneration Facility	New Jersey	50006	005001	106	106	106	106	106	106
Linden Cogeneration Facility	New Jersey	50006	006001	101	101	101	101	101	101
Linden Cogeneration Facility	New Jersey	50006	007001	121	121	121	121	121	121
Linden Cogeneration Facility	New Jersey	50006	008001	99	99	99	99	99	99
Linden Cogeneration Facility	New Jersey	50006	009001	104	104	104	104	104	104
Linden Generating Station	New Jersey	2406	1101	57	57	57	57	57	57
Linden Generating Station	New Jersey	2406	1201	38	38	38	38	38	38
Linden Generating Station	New Jersey	2406	2101	63	63	63	63	63	63
Linden Generating Station	New Jersey	2406	2201	41	41	41	41	41	41
Linden Generating Station	New Jersey	2406	5	23	23	23	23	23	23
Linden Generating Station	New Jersey	2406	6	21	21	21	21	21	21
Linden Generating Station	New Jersey	2406	7	18	18	18	18	18	18
Linden Generating Station	New Jersey	2406	8	22	22	21	21	21	21
Logan Generating Plant	New Jersey	10043	1001	729	729	697	697	697	697
Mercer Generating Station	New Jersey	2408	1	714	714	683	683	683	683
Mercer Generating Station	New Jersey	2408	2	597	597	572	572	572	572
Mercer Generating Station	New Jersey	2408	7001	0	0	0	0	0	0
Mickleton Energy Center	New Jersey	8008	001001	4	4	3	3	3	3
Middle Energy Center	New Jersey	2382	005001	2	2	2	2	2	2
Newark Bay Cogen	New Jersey	50385	1001	20	20	20	20	20	20
Newark Bay Cogen	New Jersey	50385	2001	18	18	18	18	18	18
North Jersey Energy Associates	New Jersey	10308	1001	182	182	174	174	174	174
North Jersey Energy Associates	New Jersey	10308	1002	189	189	181	181	181	181
Ocean Peaking Power, LP	New Jersey	55938	OPP3	19	19	19	19	19	19
Ocean Peaking Power, LP	New Jersey	55938	OPP4	20	20	20	20	20	20
Pedricktown Cogeneration Plant	New Jersey	10099	001001	29	29	29	29	29	29
Salem	New Jersey	2410	2001	0	0	0	0	0	0
Sayreville	New Jersey	2390	012001	3	3	3	3	3	3
Sayreville	New Jersey	2390	014001	5	5	5	5	5	5
Sayreville	New Jersey	2390	015001	4	4	3	3	3	3
Sayreville	New Jersey	2390	016001	4	4	4	4	4	4
Sewaren Generating Station	New Jersey	2411	1	13	13	13	13	13	13
Sewaren Generating Station	New Jersey	2411	12001	0	0	0	0	0	0
Sewaren Generating Station	New Jersey	2411	2	15	15	15	15	15	15
Sewaren Generating Station	New Jersey	2411	3	24	24	23	23	23	23

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Sewaren Generating Station	New Jersey	2411	4	38	38	36	36	36	36
Sherman Avenue	New Jersey	7288	1	21	21	20	20	20	20
Sunoco Power Generation, LLC	New Jersey	50561	0001	21	21	21	21	21	21
Sunoco Power Generation, LLC	New Jersey	50561	0002	31	31	31	31	31	31
Werner	New Jersey	2385	009001	1	1	1	1	1	1
Werner	New Jersey	2385	010001	2	2	2	2	2	2
Werner	New Jersey	2385	011001	2	2	1	1	1	1
Werner	New Jersey	2385	012001	1	1	1	1	1	1
West Station	New Jersey	6776	002001	6	6	6	6	6	6
23rd and 3rd	New York	7910	2301	5	5	5	5	5	5
23rd and 3rd	New York	7910	2302	5	5	5	5	5	5
74th Street	New York	2504	120	58	58	58	58	58	58
74th Street	New York	2504	121	66	66	66	66	66	66
74th Street	New York	2504	122	60	60	60	60	60	60
AES Cayuga, LLC	New York	2535	1	487	487	487	487	487	487
AES Cayuga, LLC	New York	2535	2	483	483	483	483	483	483
AES Greenidge	New York	2527	4	24	24	24	24	24	24
AES Greenidge	New York	2527	5	21	21	21	21	21	21
AES Greenidge	New York	2527	6	279	279	279	279	279	279
AES Somerset (Kintigh)	New York	6082	1	2,140	2,140	2,140	2,140	2,140	2,140
AES Westover (Goudey)	New York	2526	13	207	207	207	207	207	207
AG - Energy	New York	10803	1	1	1	1	1	1	1
AG - Energy	New York	10803	2	1	1	1	1	1	1
Allegany Station No. 133	New York	10619	00001	20	20	20	20	20	20
Arthur Kill	New York	2490	20	307	307	307	307	307	307
Arthur Kill	New York	2490	30	300	300	300	300	300	300
Astoria Energy	New York	55375	CT1	101	101	101	101	101	101
Astoria Energy	New York	55375	CT2	91	91	91	91	91	91
Astoria Gas Turbine Power	New York	55243	CT2-1A	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-1B	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-2A	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-2B	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-3A	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-3B	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-4A	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-4B	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-1A	3	3	3	3	3	3

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Astoria Gas Turbine Power	New York	55243	CT3-1B	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-2A	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-2B	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-3A	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-3B	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-4A	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-4B	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-1A	4	4	4	4	4	4
Astoria Gas Turbine Power	New York	55243	CT4-1B	4	4	4	4	4	4
Astoria Gas Turbine Power	New York	55243	CT4-2A	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-2B	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-3A	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-3B	3	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-4A	4	4	4	4	4	4
Astoria Gas Turbine Power	New York	55243	CT4-4B	4	4	4	4	4	4
Astoria Generating Station	New York	8906	20	23	23	23	23	23	23
Astoria Generating Station	New York	8906	31RH	168	168	168	168	168	168
Astoria Generating Station	New York	8906	32SH	151	151	151	151	151	151
Astoria Generating Station	New York	8906	41SH	138	138	138	138	138	138
Astoria Generating Station	New York	8906	42RH	116	116	116	116	116	116
Astoria Generating Station	New York	8906	51RH	99	99	99	99	99	99
Astoria Generating Station	New York	8906	52SH	95	95	95	95	95	95
Athens Generating Company	New York	55405	1	78	78	78	78	78	78
Athens Generating Company	New York	55405	2	77	77	77	77	77	77
Athens Generating Company	New York	55405	3	87	87	87	87	87	87
Batavia Energy	New York	54593	1	10	10	10	10	10	10
Bayswater Peaking Facility	New York	55699	1	14	14	14	14	14	14
Bayswater Peaking Facility	New York	55699	2	7	7	7	7	7	7
Bethlehem Energy Center (Albany)	New York	2539	10001	44	44	44	44	44	44
Bethlehem Energy Center (Albany)	New York	2539	10002	39	39	39	39	39	39
Bethlehem Energy Center (Albany)	New York	2539	10003	40	40	40	40	40	40
Bethpage Energy Center	New York	50292	GT1	25	25	25	25	25	25
Bethpage Energy Center	New York	50292	GT2	21	21	21	21	21	21
Bethpage Energy Center	New York	50292	GT3	10	10	10	10	10	10
Bethpage Energy Center	New York	50292	GT4	16	16	16	16	16	16
Binghamton Cogen Plant	New York	55600	1	3	3	3	3	3	3
Black River Generation, LLC	New York	10464	E0001	84	84	84	84	84	84

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Black River Generation, LLC	New York	10464	E0002	85	85	85	85	85	85
Black River Generation, LLC	New York	10464	E0003	86	86	86	86	86	86
Bowline Generating Station	New York	2625	1	149	149	149	149	149	149
Bowline Generating Station	New York	2625	2	58	58	58	58	58	58
Brentwood	New York	7912	BW01	5	5	5	5	5	5
Brooklyn Navy Yard Cogeneration	New York	54914	1	41	41	41	41	41	41
Brooklyn Navy Yard Cogeneration	New York	54914	2	41	41	41	41	41	41
Caithness Long Island Energy Center	New York	56234	0001	44	44	44	44	44	44
Carr Street Generating Station	New York	50978	A	4	4	4	4	4	4
Carr Street Generating Station	New York	50978	B	4	4	4	4	4	4
Carthage Energy	New York	10620	1	6	6	6	6	6	6
Castleton Power, LLC	New York	10190	1	64	64	64	64	64	64
Charles Poletti	New York	2491	001	917	917	917	917	917	917
Dynegy Danskammer	New York	2480	1	12	12	12	12	12	12
Dynegy Danskammer	New York	2480	2	10	10	10	10	10	10
Dynegy Danskammer	New York	2480	3	401	401	401	401	401	401
Dynegy Danskammer	New York	2480	4	690	690	690	690	690	690
Dynegy Roseton	New York	8006	1	133	133	133	133	133	133
Dynegy Roseton	New York	8006	2	186	186	186	186	186	186
E F Barrett	New York	2511	10	331	331	331	331	331	331
E F Barrett	New York	2511	20	291	291	291	291	291	291
E F Barrett	New York	2511	U00012	5	5	5	5	5	5
E F Barrett	New York	2511	U00013	5	5	5	5	5	5
E F Barrett	New York	2511	U00014	5	5	5	5	5	5
E F Barrett	New York	2511	U00015	5	5	5	5	5	5
E F Barrett	New York	2511	U00016	6	6	6	6	6	6
E F Barrett	New York	2511	U00017	6	6	6	6	6	6
E F Barrett	New York	2511	U00018	5	5	5	5	5	5
E F Barrett	New York	2511	U00019	5	5	5	5	5	5
East River	New York	2493	1	51	51	51	51	51	51
East River	New York	2493	2	53	53	53	53	53	53
East River	New York	2493	60	266	266	266	266	266	266
East River	New York	2493	70	251	251	251	251	251	251
Edgewood Energy	New York	55786	CT01	4	4	4	4	4	4
Edgewood Energy	New York	55786	CT02	4	4	4	4	4	4
Equus Power I	New York	56032	0001	17	17	17	17	17	17
Far Rockaway	New York	2513	40	113	113	113	113	113	113

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Fortistar North Tonawanda Inc	New York	54131	NTCT1	10	10	10	10	10	10
Freeport Power Plant No. 2	New York	2679	5	23	23	23	23	23	23
Glenwood	New York	2514	40	67	67	67	67	67	67
Glenwood	New York	2514	50	59	59	59	59	59	59
Glenwood	New York	2514	U00020	1	1	1	1	1	1
Glenwood	New York	2514	U00021	2	2	2	2	2	2
Glenwood Landing Energy Center	New York	7869	UGT012	5	5	5	5	5	5
Glenwood Landing Energy Center	New York	7869	UGT013	5	5	5	5	5	5
Harlem River Yard	New York	7914	HR01	5	5	5	5	5	5
Harlem River Yard	New York	7914	HR02	4	4	4	4	4	4
Hawkeye Energy Greenport, LLC	New York	55969	U-01	10	10	10	10	10	10
Hell Gate	New York	7913	HG01	6	6	6	6	6	6
Hell Gate	New York	7913	HG02	6	6	6	6	6	6
Hillburn	New York	2628	001	1	1	1	1	1	1
Holtsville Facility	New York	8007	U00001	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00002	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00003	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00004	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00005	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00006	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00007	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00008	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00009	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00010	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00011	3	3	3	3	3	3
Holtsville Facility	New York	8007	U00012	3	3	3	3	3	3
Holtsville Facility	New York	8007	U00013	3	3	3	3	3	3
Holtsville Facility	New York	8007	U00014	3	3	3	3	3	3
Holtsville Facility	New York	8007	U00015	3	3	3	3	3	3
Holtsville Facility	New York	8007	U00016	3	3	3	3	3	3
Holtsville Facility	New York	8007	U00017	4	4	4	4	4	4
Holtsville Facility	New York	8007	U00018	4	4	4	4	4	4
Holtsville Facility	New York	8007	U00019	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00020	2	2	2	2	2	2
Huntley Power	New York	2549	67	562	562	562	562	562	562
Huntley Power	New York	2549	68	549	549	549	549	549	549
Indeck-Corinth Energy Center	New York	50458	1	105	105	105	105	105	105

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Indeck-Olean Energy Center	New York	54076	1	44	44	44	44	44	44
Indeck-Oswego Energy Center	New York	50450	1	6	6	6	6	6	6
Indeck-Silver Springs Energy Center	New York	50449	1	19	19	19	19	19	19
Indeck-Yerkes Energy Center	New York	50451	1	8	8	8	8	8	8
Independence	New York	54547	1	52	52	52	52	52	52
Independence	New York	54547	2	52	52	52	52	52	52
Independence	New York	54547	3	57	57	57	57	57	57
Independence	New York	54547	4	51	51	51	51	51	51
KIAC Cogeneration	New York	54114	GT1	56	56	56	56	56	56
KIAC Cogeneration	New York	54114	GT2	56	56	56	56	56	56
Lockport	New York	54041	011854	51	51	51	51	51	51
Lockport	New York	54041	011855	58	58	58	58	58	58
Lockport	New York	54041	011856	65	65	65	65	65	65
Massena Energy Facility	New York	54592	001	3	3	3	3	3	3
NRG Dunkirk Power	New York	2554	1	282	282	282	282	282	282
NRG Dunkirk Power	New York	2554	2	298	298	298	298	298	298
NRG Dunkirk Power	New York	2554	3	497	497	497	497	497	497
NRG Dunkirk Power	New York	2554	4	468	468	468	468	468	468
Nassau Energy Corporation	New York	52056	00004	184	184	184	184	184	184
Niagara Generation, LLC	New York	50202	1	161	161	161	161	161	161
Nissequogue Cogen	New York	54149	1	143	143	143	143	143	143
North 1st	New York	7915	NO1	5	5	5	5	5	5
Northport	New York	2516	1	694	694	694	694	694	694
Northport	New York	2516	2	606	606	606	606	606	606
Northport	New York	2516	3	610	610	610	610	610	610
Northport	New York	2516	4	583	583	583	583	583	583
Oswego Harbor Power	New York	2594	5	47	47	47	47	47	47
Oswego Harbor Power	New York	2594	6	35	35	35	35	35	35
Pinelawn Power	New York	56188	00001	11	11	11	11	11	11
Poletti 500 MW CC	New York	56196	CTG7A	57	57	57	57	57	57
Poletti 500 MW CC	New York	56196	CTG7B	44	44	44	44	44	44
Port Jefferson Energy Center	New York	2517	3	260	260	260	260	260	260
Port Jefferson Energy Center	New York	2517	4	255	255	255	255	255	255
Port Jefferson Energy Center	New York	2517	UGT002	5	5	5	5	5	5
Port Jefferson Energy Center	New York	2517	UGT003	4	4	4	4	4	4
Pouch Terminal	New York	8053	PT01	7	7	7	7	7	7
Project Orange Facility	New York	54425	001	52	52	52	52	52	52

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Project Orange Facility	New York	54425	002	69	69	69	69	69	69
Ravenswood Generating Station	New York	2500	10	366	366	366	366	366	366
Ravenswood Generating Station	New York	2500	20	280	280	280	280	280	280
Ravenswood Generating Station	New York	2500	30	694	694	694	694	694	694
Ravenswood Generating Station	New York	2500	CT02-1	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-2	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-3	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-4	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-1	3	3	3	3	3	3
Ravenswood Generating Station	New York	2500	CT03-2	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-3	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-4	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	UCC001	73	73	73	73	73	73
Rensselaer Cogen	New York	54034	1GTDBS	7	7	7	7	7	7
Richard M Flynn (Holtsville)	New York	7314	001	189	189	189	189	189	189
S A Carlson	New York	2682	10	14	14	14	14	14	14
S A Carlson	New York	2682	11	0	0	0	0	0	0
S A Carlson	New York	2682	12	54	54	54	54	54	54
S A Carlson	New York	2682	20	7	7	7	7	7	7
S A Carlson	New York	2682	9	43	43	43	43	43	43
Saranac Power Partners, LP	New York	54574	00001	130	130	130	130	130	130
Saranac Power Partners, LP	New York	54574	00002	132	132	132	132	132	132
Selkirk Cogen Partners	New York	10725	CTG101	238	238	238	238	238	238
Selkirk Cogen Partners	New York	10725	CTG201	86	86	86	86	86	86
Selkirk Cogen Partners	New York	10725	CTG301	78	78	78	78	78	78
Shoemaker	New York	2632	1	2	2	2	2	2	2
Shoreham Energy	New York	55787	CT01	3	3	3	3	3	3
Shoreham Energy	New York	55787	CT02	3	3	3	3	3	3
Sterling Power Plant	New York	50744	00001	4	4	4	4	4	4
Syracuse Energy Corporation	New York	50651	BLR1	57	57	57	57	57	57
Syracuse Energy Corporation	New York	50651	BLR2	59	59	59	59	59	59
Syracuse Energy Corporation	New York	50651	BLR3	55	55	55	55	55	55
Syracuse Energy Corporation	New York	50651	BLR4	40	40	40	40	40	40
Syracuse Energy Corporation	New York	50651	BLR5	42	42	42	42	42	42
Vernon Boulevard	New York	7909	VB01	3	3	3	3	3	3
Vernon Boulevard	New York	7909	VB02	4	4	4	4	4	4
WPS Beaver Falls Generation, LLC	New York	10617	1	7	7	7	7	7	7

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WPS Syracuse Generation, LLC	New York	10621	1	10	10	10	10	10	10
Wading River Facility	New York	7146	UGT007	15	15	15	15	15	15
Wading River Facility	New York	7146	UGT008	16	16	16	16	16	16
Wading River Facility	New York	7146	UGT009	17	17	17	17	17	17
Wading River Facility	New York	7146	UGT013	2	2	2	2	2	2
West Babylon Facility	New York	2521	UGT001	1	1	1	1	1	1
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1		0	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1		0	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1		0	0	0	0	0
Ashtabula	Ohio	2835	7		1,087	1,025	1,025	1,025	1,025
Avon Lake Power Plant	Ohio	2836	10		231	218	218	218	218
Avon Lake Power Plant	Ohio	2836	12		1,931	1,822	1,822	1,822	1,822
Avon Lake Power Plant	Ohio	2836	CT10		1	1	1	1	1
Bay Shore	Ohio	2878	1		975	920	920	920	920
Bay Shore	Ohio	2878	2		629	594	594	594	594
Bay Shore	Ohio	2878	3		654	617	617	617	617
Bay Shore	Ohio	2878	4		1,028	970	970	970	970
Cardinal	Ohio	2828	1		2,161	2,039	2,039	2,039	2,039
Cardinal	Ohio	2828	2		2,246	2,119	2,119	2,119	2,119
Cardinal	Ohio	2828	3		2,816	2,657	2,657	2,657	2,657
Conesville	Ohio	2840	3		456	430	430	430	430
Conesville	Ohio	2840	4		2,668	2,517	2,517	2,517	2,517
Conesville	Ohio	2840	5		1,833	1,729	1,729	1,729	1,729
Conesville	Ohio	2840	6		1,720	1,623	1,623	1,623	1,623
Darby Electric Generating Station	Ohio	55247	CT1		3	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT2		3	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT3		2	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT4		2	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT5		3	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT6		3	3	3	3	3
Dicks Creek Station	Ohio	2831	1		1	1	1	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1		35	35	35	35	35
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2		33	33	33	33	33
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3		31	31	31	31	31
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4		26	26	26	26	26
Duke Energy Washington, II LLC	Ohio	55397	CT1		27	27	27	27	27
Duke Energy Washington, II LLC	Ohio	55397	CT2		37	37	37	37	37

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Eastlake	Ohio	2837	1		532	502	502	502	502
Eastlake	Ohio	2837	2		581	548	548	548	548
Eastlake	Ohio	2837	3		563	531	531	531	531
Eastlake	Ohio	2837	4		1,091	1,029	1,029	1,029	1,029
Eastlake	Ohio	2837	5		2,473	2,333	2,333	2,333	2,333
Eastlake	Ohio	2837	6		1	1	1	1	1
Frank M Tait Station	Ohio	2847	1		5	5	5	5	5
Frank M Tait Station	Ohio	2847	2		5	5	5	5	5
Frank M Tait Station	Ohio	2847	3		5	5	5	5	5
Gen J M Gavin	Ohio	8102	1		6,392	6,030	6,030	6,030	6,030
Gen J M Gavin	Ohio	8102	2		6,292	5,936	5,936	5,936	5,936
Greenville Electric Gen Station	Ohio	55228	G1CT1		3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G1CT2		3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT1		3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT2		3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT1		3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT2		3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT1		3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT2		3	3	3	3	3
Hamilton Municipal Power Plant	Ohio	2917	9		231	218	218	218	218
J M Stuart	Ohio	2850	1		2,549	2,405	2,405	2,405	2,405
J M Stuart	Ohio	2850	2		2,605	2,458	2,458	2,458	2,458
J M Stuart	Ohio	2850	3		2,586	2,440	2,440	2,440	2,440
J M Stuart	Ohio	2850	4		2,401	2,265	2,265	2,265	2,265
Killen Station	Ohio	6031	2		2,906	2,741	2,741	2,741	2,741
Kyger Creek	Ohio	2876	1		913	861	861	861	861
Kyger Creek	Ohio	2876	2		916	864	864	864	864
Kyger Creek	Ohio	2876	3		900	849	849	849	849
Kyger Creek	Ohio	2876	4		944	891	891	891	891
Kyger Creek	Ohio	2876	5		943	890	890	890	890
Lake Shore	Ohio	2838	18		791	747	747	747	747
Mad River	Ohio	2860	A		1	1	1	1	1
Mad River	Ohio	2860	B		1	1	1	1	1
Madison Generating Station	Ohio	55110	1		12	12	12	12	12
Madison Generating Station	Ohio	55110	2		14	14	14	14	14
Madison Generating Station	Ohio	55110	3		13	13	13	13	13
Madison Generating Station	Ohio	55110	4		13	13	13	13	13

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Madison Generating Station	Ohio	55110	5		10	10	10	10	10
Madison Generating Station	Ohio	55110	6		10	10	10	10	10
Madison Generating Station	Ohio	55110	7		11	11	11	11	11
Madison Generating Station	Ohio	55110	8		10	10	10	10	10
Miami Fort Generating Station	Ohio	2832	6		704	664	664	664	664
Miami Fort Generating Station	Ohio	2832	7		2,530	2,386	2,386	2,386	2,386
Miami Fort Generating Station	Ohio	2832	8		2,261	2,133	2,133	2,133	2,133
Muskingum River	Ohio	2872	1		707	667	667	667	667
Muskingum River	Ohio	2872	2		699	659	659	659	659
Muskingum River	Ohio	2872	3		723	682	682	682	682
Muskingum River	Ohio	2872	4		678	640	640	640	640
Muskingum River	Ohio	2872	5		2,416	2,280	2,280	2,280	2,280
Niles	Ohio	2861	1		415	391	391	391	391
Niles	Ohio	2861	2		289	273	273	273	273
Niles	Ohio	2861	CTA		0	0	0	0	0
O H Hutchings	Ohio	2848	H-1		10	9	9	9	9
O H Hutchings	Ohio	2848	H-2		10	9	9	9	9
O H Hutchings	Ohio	2848	H-3		78	73	73	73	73
O H Hutchings	Ohio	2848	H-4		96	90	90	90	90
O H Hutchings	Ohio	2848	H-5		91	86	86	86	86
O H Hutchings	Ohio	2848	H-6		89	84	84	84	84
O H Hutchings	Ohio	2848	H-7		0	0	0	0	0
Omega JV2 Bowling Green	Ohio	7783	P001		1	1	1	1	1
Omega JV2 Hamilton	Ohio	7782	P001		1	1	1	1	1
Picway	Ohio	2843	9		278	262	262	262	262
R E Burger	Ohio	2864	5		13	12	12	12	12
R E Burger	Ohio	2864	6		12	12	12	12	12
R E Burger	Ohio	2864	7		607	572	572	572	572
R E Burger	Ohio	2864	8		593	560	560	560	560
Richard Gorsuch	Ohio	7253	1		0	0	0	0	0
Richard Gorsuch	Ohio	7253	2		0	0	0	0	0
Richard Gorsuch	Ohio	7253	3		0	0	0	0	0
Richard Gorsuch	Ohio	7253	4		0	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG4		15	15	15	15	15
Richland Peaking Station	Ohio	2880	CTG5		15	15	15	15	15
Richland Peaking Station	Ohio	2880	CTG6		13	13	13	13	13
Robert P Mone	Ohio	7872	1		12	12	12	12	12

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Robert P Mone	Ohio	7872	2		7	7	7	7	7
Robert P Mone	Ohio	7872	3		9	9	9	9	9
Rolling Hills Generating LLC	Ohio	55401	CT-1		3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-2		3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-3		3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-4		3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-5		3	3	3	3	3
Tait Electric Generating Station	Ohio	55248	CT4		5	5	5	5	5
Tait Electric Generating Station	Ohio	55248	CT5		5	5	5	5	5
Tait Electric Generating Station	Ohio	55248	CT6		4	4	4	4	4
Tait Electric Generating Station	Ohio	55248	CT7		5	5	5	5	5
Troy Energy, LLC	Ohio	55348	1		13	13	13	13	13
Troy Energy, LLC	Ohio	55348	2		9	9	9	9	9
Troy Energy, LLC	Ohio	55348	3		11	11	11	11	11
Troy Energy, LLC	Ohio	55348	4		8	8	8	8	8
W H Sammis	Ohio	2866	1		809	764	764	764	764
W H Sammis	Ohio	2866	2		811	765	765	765	765
W H Sammis	Ohio	2866	3		747	705	705	705	705
W H Sammis	Ohio	2866	4		703	663	663	663	663
W H Sammis	Ohio	2866	5		1,277	1,204	1,204	1,204	1,204
W H Sammis	Ohio	2866	6		2,833	2,673	2,673	2,673	2,673
W H Sammis	Ohio	2866	7		2,774	2,617	2,617	2,617	2,617
W H Zimmer Generating Station	Ohio	6019	1		5,733	5,409	5,409	5,409	5,409
Walter C Beckjord Generating Station	Ohio	2830	1		288	271	271	271	271
Walter C Beckjord Generating Station	Ohio	2830	2		296	279	279	279	279
Walter C Beckjord Generating Station	Ohio	2830	3		437	412	412	412	412
Walter C Beckjord Generating Station	Ohio	2830	4		623	587	587	587	587
Walter C Beckjord Generating Station	Ohio	2830	5		753	710	710	710	710
Walter C Beckjord Generating Station	Ohio	2830	6		1,661	1,567	1,567	1,567	1,567
Walter C Beckjord Generating Station	Ohio	2830	CT1		2	2	2	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT2		2	2	2	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT3		1	1	1	1	1
Walter C Beckjord Generating Station	Ohio	2830	CT4		1	1	1	1	1
Waterford Plant	Ohio	55503	1		29	29	29	29	29
Waterford Plant	Ohio	55503	2		55	55	55	55	55
Waterford Plant	Ohio	55503	3		33	33	33	33	33
West Lorain	Ohio	2869	1A		3	3	3	3	3

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West Lorain	Ohio	2869	1B		3	3	3	3	3
West Lorain	Ohio	2869	2		7	7	7	7	7
West Lorain	Ohio	2869	3		6	6	6	6	6
West Lorain	Ohio	2869	4		5	5	5	5	5
West Lorain	Ohio	2869	5		6	6	6	6	6
West Lorain	Ohio	2869	6		5	5	5	5	5
Woodsdale	Ohio	7158	**GT1		26	26	26	26	26
Woodsdale	Ohio	7158	**GT2		5	4	4	4	4
Woodsdale	Ohio	7158	**GT3		26	24	24	24	24
Woodsdale	Ohio	7158	**GT4		13	12	12	12	12
Woodsdale	Ohio	7158	**GT5		24	22	22	22	22
Woodsdale	Ohio	7158	**GT6		22	21	21	21	21
Allen	Tennessee	3393	1						
Allen	Tennessee	3393	2						
Allen	Tennessee	3393	3						
Allen	Tennessee	3393	ACT17						
Allen	Tennessee	3393	ACT18						
Allen	Tennessee	3393	ACT19						
Allen	Tennessee	3393	ACT20						
Brownsville CT	Tennessee	55081	AA-001						
Brownsville CT	Tennessee	55081	AA-002						
Brownsville CT	Tennessee	55081	AA-003						
Brownsville CT	Tennessee	55081	AA-004						
Bull Run	Tennessee	3396	1						
Cumberland	Tennessee	3399	1						
Cumberland	Tennessee	3399	2						
Gallatin	Tennessee	3403	1						
Gallatin	Tennessee	3403	2						
Gallatin	Tennessee	3403	3						
Gallatin	Tennessee	3403	4						
Gallatin	Tennessee	3403	GCT1						
Gallatin	Tennessee	3403	GCT2						
Gallatin	Tennessee	3403	GCT3						
Gallatin	Tennessee	3403	GCT4						
Gallatin	Tennessee	3403	GCT5						
Gallatin	Tennessee	3403	GCT6						
Gallatin	Tennessee	3403	GCT7						

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Gallatin	Tennessee	3403	GCT8						
Gleason Generating Facility	Tennessee	55251	CTG-1						
Gleason Generating Facility	Tennessee	55251	CTG-2						
Gleason Generating Facility	Tennessee	55251	CTG-3						
John Sevier	Tennessee	3405	1						
John Sevier	Tennessee	3405	2						
John Sevier	Tennessee	3405	3						
John Sevier	Tennessee	3405	4						
Johnsonville	Tennessee	3406	1						
Johnsonville	Tennessee	3406	10						
Johnsonville	Tennessee	3406	2						
Johnsonville	Tennessee	3406	3						
Johnsonville	Tennessee	3406	4						
Johnsonville	Tennessee	3406	5						
Johnsonville	Tennessee	3406	6						
Johnsonville	Tennessee	3406	7						
Johnsonville	Tennessee	3406	8						
Johnsonville	Tennessee	3406	9						
Johnsonville	Tennessee	3406	JCT1						
Johnsonville	Tennessee	3406	JCT10						
Johnsonville	Tennessee	3406	JCT11						
Johnsonville	Tennessee	3406	JCT12						
Johnsonville	Tennessee	3406	JCT13						
Johnsonville	Tennessee	3406	JCT14						
Johnsonville	Tennessee	3406	JCT15						
Johnsonville	Tennessee	3406	JCT16						
Johnsonville	Tennessee	3406	JCT17						
Johnsonville	Tennessee	3406	JCT18						
Johnsonville	Tennessee	3406	JCT19						
Johnsonville	Tennessee	3406	JCT2						
Johnsonville	Tennessee	3406	JCT20						
Johnsonville	Tennessee	3406	JCT3						
Johnsonville	Tennessee	3406	JCT4						
Johnsonville	Tennessee	3406	JCT5						
Johnsonville	Tennessee	3406	JCT6						
Johnsonville	Tennessee	3406	JCT7						
Johnsonville	Tennessee	3406	JCT8						

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Johnsonville	Tennessee	3406	JCT9						
Kingston	Tennessee	3407	1						
Kingston	Tennessee	3407	2						
Kingston	Tennessee	3407	3						
Kingston	Tennessee	3407	4						
Kingston	Tennessee	3407	5						
Kingston	Tennessee	3407	6						
Kingston	Tennessee	3407	7						
Kingston	Tennessee	3407	8						
Kingston	Tennessee	3407	9						
Lagoon Creek	Tennessee	7845	LCT1						
Lagoon Creek	Tennessee	7845	LCT10						
Lagoon Creek	Tennessee	7845	LCT11						
Lagoon Creek	Tennessee	7845	LCT12						
Lagoon Creek	Tennessee	7845	LCT2						
Lagoon Creek	Tennessee	7845	LCT3						
Lagoon Creek	Tennessee	7845	LCT4						
Lagoon Creek	Tennessee	7845	LCT5						
Lagoon Creek	Tennessee	7845	LCT6						
Lagoon Creek	Tennessee	7845	LCT7						
Lagoon Creek	Tennessee	7845	LCT8						
Lagoon Creek	Tennessee	7845	LCT9						
AES Deepwater, Inc.	Texas	10670	01001	708	708	708	708	708	708
Air Products Port Arthur	Texas	55309	GEN1	104	104	104	104	104	104
Air Products Port Arthur	Texas	55309	GEN4	189	189	189	189	189	189
Alex Ty Cooke Generating Station	Texas	3602	1	41	41	41	41	41	41
Alex Ty Cooke Generating Station	Texas	3602	2	41	41	41	41	41	41
Barney M. Davis	Texas	4939	1	203	203	203	203	203	203
Barney M. Davis	Texas	4939	3	54	54	54	54	54	54
Barney M. Davis	Texas	4939	4	44	44	44	44	44	44
Bastrop Clean Energy Center	Texas	55168	CTG-1A	152	152	152	152	152	152
Bastrop Clean Energy Center	Texas	55168	CTG-1B	167	167	167	167	167	167
Bayou Cogeneration Plant	Texas	10298	CG801	102	102	102	102	102	102
Bayou Cogeneration Plant	Texas	10298	CG802	106	106	106	106	106	106
Bayou Cogeneration Plant	Texas	10298	CG803	104	104	104	104	104	104
Bayou Cogeneration Plant	Texas	10298	CG804	99	99	99	99	99	99
Baytown Energy Center	Texas	55327	CTG-1	99	99	99	99	99	99

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Baytown Energy Center	Texas	55327	CTG-2	78	78	78	78	78	78
Baytown Energy Center	Texas	55327	CTG-3	82	82	82	82	82	82
Big Brown	Texas	3497	1	2,455	2,455	2,455	2,455	2,455	2,455
Big Brown	Texas	3497	2	2,480	2,480	2,480	2,480	2,480	2,480
Blackhawk Station	Texas	55064	001	388	388	388	388	388	388
Blackhawk Station	Texas	55064	002	259	259	259	259	259	259
Bosque County Power Plant	Texas	55172	GT-1	54	54	54	54	54	54
Bosque County Power Plant	Texas	55172	GT-2	61	61	61	61	61	61
Bosque County Power Plant	Texas	55172	GT-3	227	227	227	227	227	227
Brazos Valley Energy, LP	Texas	55357	CTG1	85	85	85	85	85	85
Brazos Valley Energy, LP	Texas	55357	CTG2	81	81	81	81	81	81
C E Newman	Texas	3574	BW5	3	3	3	3	3	3
C. R. Wing Cogeneration Plant	Texas	52176	1	129	129	129	129	129	129
C. R. Wing Cogeneration Plant	Texas	52176	2	132	132	132	132	132	132
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	223	223	223	223	223	223
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	173	173	173	173	173	173
Cedar Bayou	Texas	3460	CBY1	591	591	591	591	591	591
Cedar Bayou	Texas	3460	CBY2	545	545	545	545	545	545
Cedar Bayou 4	Texas	56806	CBY41	38	38	38	38	38	38
Cedar Bayou 4	Texas	56806	CBY42	41	41	41	41	41	41
Channel Energy Center	Texas	55299	CTG1	515	515	515	515	515	515
Channel Energy Center	Texas	55299	CTG2	150	150	150	150	150	150
Channelview Cogeneration Facility	Texas	55187	CHV1	81	81	81	81	81	81
Channelview Cogeneration Facility	Texas	55187	CHV2	77	77	77	77	77	77
Channelview Cogeneration Facility	Texas	55187	CHV3	88	88	88	88	88	88
Channelview Cogeneration Facility	Texas	55187	CHV4	82	82	82	82	82	82
Clear Lake Cogeneration	Texas	10741	G102	111	111	111	111	111	111
Clear Lake Cogeneration	Texas	10741	G103	105	105	105	105	105	105
Clear Lake Cogeneration	Texas	10741	G104	105	105	105	105	105	105
Coletto Creek	Texas	6178	1	2,624	2,624	2,624	2,624	2,624	2,624
Colorado Bend Energy Center	Texas	56350	CT1A	26	26	26	26	26	26
Colorado Bend Energy Center	Texas	56350	CT1B	23	23	23	23	23	23
Colorado Bend Energy Center	Texas	56350	CT2A	34	34	34	34	34	34
Colorado Bend Energy Center	Texas	56350	CT2B	35	35	35	35	35	35
Copper Station	Texas	9	CTG-1	13	13	13	13	13	13
Corpus Christi	Texas	50475	GEN1	209	209	209	209	209	209
Corpus Christi Energy Center	Texas	55206	CU1	218	218	218	218	218	218

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Corpus Christi Energy Center	Texas	55206	CU2	217	217	217	217	217	217
Cottonwood Energy Project	Texas	55358	CT1	80	80	80	80	80	80
Cottonwood Energy Project	Texas	55358	CT2	73	73	73	73	73	73
Cottonwood Energy Project	Texas	55358	CT3	65	65	65	65	65	65
Cottonwood Energy Project	Texas	55358	CT4	67	67	67	67	67	67
Decker Creek	Texas	3548	1	368	368	368	368	368	368
Decker Creek	Texas	3548	2	406	406	406	406	406	406
Decker Creek	Texas	3548	GT-1A	5	5	5	5	5	5
Decker Creek	Texas	3548	GT-1B	5	5	5	5	5	5
Decker Creek	Texas	3548	GT-2A	6	6	6	6	6	6
Decker Creek	Texas	3548	GT-2B	6	6	6	6	6	6
Decker Creek	Texas	3548	GT-3A	7	7	7	7	7	7
Decker Creek	Texas	3548	GT-3B	7	7	7	7	7	7
Decker Creek	Texas	3548	GT-4A	6	6	6	6	6	6
Decker Creek	Texas	3548	GT-4B	6	6	6	6	6	6
Decordova	Texas	8063	1	166	166	166	166	166	166
Decordova	Texas	8063	CT1	7	7	7	7	7	7
Decordova	Texas	8063	CT2	6	6	6	6	6	6
Decordova	Texas	8063	CT3	6	6	6	6	6	6
Decordova	Texas	8063	CT4	6	6	6	6	6	6
Deer Park Energy Center	Texas	55464	CTG1	76	76	76	76	76	76
Deer Park Energy Center	Texas	55464	CTG2	70	70	70	70	70	70
Deer Park Energy Center	Texas	55464	CTG3	88	88	88	88	88	88
Deer Park Energy Center	Texas	55464	CTG4	70	70	70	70	70	70
EG178 Facility	Texas	56233	CT02	91	91	91	91	91	91
EG178 Facility	Texas	56233	CTG1	91	91	91	91	91	91
Eastman Cogeneration Facility	Texas	55176	1	151	151	151	151	151	151
Eastman Cogeneration Facility	Texas	55176	2	181	181	181	181	181	181
Ennis Power Company, LLC	Texas	55223	GT-1	234	234	234	234	234	234
Exelon Laporte Generating Station	Texas	55365	GT-1	11	11	11	11	11	11
Exelon Laporte Generating Station	Texas	55365	GT-2	11	11	11	11	11	11
Exelon Laporte Generating Station	Texas	55365	GT-3	11	11	11	11	11	11
Exelon Laporte Generating Station	Texas	55365	GT-4	11	11	11	11	11	11
ExxonMobil Beaumont Refinery	Texas	50625	33	93	93	93	93	93	93
ExxonMobil Beaumont Refinery	Texas	50625	34	87	87	87	87	87	87
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	200	200	200	200	200	200
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	140	140	140	140	140	140

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	135	135	135	135	135	135
FPLE Forney, LP	Texas	55480	U1	171	171	171	171	171	171
FPLE Forney, LP	Texas	55480	U2	176	176	176	176	176	176
FPLE Forney, LP	Texas	55480	U3	166	166	166	166	166	166
FPLE Forney, LP	Texas	55480	U4	178	178	178	178	178	178
FPLE Forney, LP	Texas	55480	U5	191	191	191	191	191	191
FPLE Forney, LP	Texas	55480	U6	172	172	172	172	172	172
Freestone Power Generation	Texas	55226	GT1	170	170	170	170	170	170
Freestone Power Generation	Texas	55226	GT2	177	177	177	177	177	177
Freestone Power Generation	Texas	55226	GT3	194	194	194	194	194	194
Freestone Power Generation	Texas	55226	GT4	172	172	172	172	172	172
Frontera Generation Facility	Texas	55098	1	201	201	201	201	201	201
Frontera Generation Facility	Texas	55098	2	187	187	187	187	187	187
Gibbons Creek Steam Electric Station	Texas	6136	1	1,829	1,829	1,829	1,829	1,829	1,829
Graham	Texas	3490	1	85	85	85	85	85	85
Graham	Texas	3490	2	297	297	297	297	297	297
Greens Bayou	Texas	3464	GBY5	133	133	133	133	133	133
Greens Bayou	Texas	3464	GBY73	9	9	9	9	9	9
Greens Bayou	Texas	3464	GBY74	10	10	10	10	10	10
Greens Bayou	Texas	3464	GBY81	10	10	10	10	10	10
Greens Bayou	Texas	3464	GBY82	10	10	10	10	10	10
Greens Bayou	Texas	3464	GBY83	11	11	11	11	11	11
Greens Bayou	Texas	3464	GBY84	10	10	10	10	10	10
Gregory Power Facility	Texas	55086	101	272	272	272	272	272	272
Gregory Power Facility	Texas	55086	102	262	262	262	262	262	262
Guadalupe Generating Station	Texas	55153	CTG-1	279	279	279	279	279	279
Guadalupe Generating Station	Texas	55153	CTG-2	401	401	401	401	401	401
Guadalupe Generating Station	Texas	55153	CTG-3	425	425	425	425	425	425
Guadalupe Generating Station	Texas	55153	CTG-4	337	337	337	337	337	337
H W Pirkey Power Plant	Texas	7902	1	2,573	2,573	2,573	2,573	2,573	2,573
Handley Generating Station	Texas	3491	3	168	168	168	168	168	168
Handley Generating Station	Texas	3491	4	111	111	111	111	111	111
Handley Generating Station	Texas	3491	5	107	107	107	107	107	107
Hardin County Peaking Facility	Texas	56604	HCCT1	6	6	6	6	6	6
Hardin County Peaking Facility	Texas	56604	HCCT2	5	5	5	5	5	5
Harrington Station	Texas	6193	061B	1,554	1,554	1,554	1,554	1,554	1,554
Harrington Station	Texas	6193	062B	1,523	1,523	1,523	1,523	1,523	1,523

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Harrington Station	Texas	6193	063B	1,465	1,465	1,465	1,465	1,465	1,465
Harrison County Power Project	Texas	55664	GT-1	47	47	47	47	47	47
Harrison County Power Project	Texas	55664	GT-2	78	78	78	78	78	78
Hays Energy Project	Texas	55144	STK1	63	63	63	63	63	63
Hays Energy Project	Texas	55144	STK2	64	64	64	64	64	64
Hays Energy Project	Texas	55144	STK3	103	103	103	103	103	103
Hays Energy Project	Texas	55144	STK4	233	233	233	233	233	233
J K Spruce	Texas	7097	**1	2,416	2,416	2,416	2,416	2,416	2,416
J K Spruce	Texas	7097	**2	560	560	560	560	560	560
J Robert Massengale Generating Station	Texas	3604	GT1	69	69	69	69	69	69
J T Deely	Texas	6181	1	1,788	1,788	1,788	1,788	1,788	1,788
J T Deely	Texas	6181	2	1,762	1,762	1,762	1,762	1,762	1,762
JCO Oxides Olefins Plant	Texas	54637	GCG1	153	153	153	153	153	153
JCO Oxides Olefins Plant	Texas	54637	GCG2	153	153	153	153	153	153
Jack County Generation Facility	Texas	55230	CT-1	114	114	114	114	114	114
Jack County Generation Facility	Texas	55230	CT-2	123	123	123	123	123	123
Johnson County Generation Facility	Texas	54817	EAST	215	215	215	215	215	215
Jones Station	Texas	3482	151B	536	536	536	536	536	536
Jones Station	Texas	3482	152B	569	569	569	569	569	569
Knox Lee Power Plant	Texas	3476	2	5	5	5	5	5	5
Knox Lee Power Plant	Texas	3476	3	5	5	5	5	5	5
Knox Lee Power Plant	Texas	3476	4	12	12	12	12	12	12
Knox Lee Power Plant	Texas	3476	5	238	238	238	238	238	238
Lake Creek	Texas	3502	1	5	5	5	5	5	5
Lake Creek	Texas	3502	2	50	50	50	50	50	50
Lake Hubbard	Texas	3452	1	111	111	111	111	111	111
Lake Hubbard	Texas	3452	2	124	124	124	124	124	124
Lamar Power (Paris)	Texas	55097	1	157	157	157	157	157	157
Lamar Power (Paris)	Texas	55097	2	159	159	159	159	159	159
Lamar Power (Paris)	Texas	55097	3	153	153	153	153	153	153
Lamar Power (Paris)	Texas	55097	4	178	178	178	178	178	178
Laredo	Texas	3439	4	11	11	11	11	11	11
Laredo	Texas	3439	5	11	11	11	11	11	11
Leon Creek	Texas	3609	3	3	3	3	3	3	3
Leon Creek	Texas	3609	4	6	6	6	6	6	6
Leon Creek	Texas	3609	CGT1	7	7	7	7	7	7
Leon Creek	Texas	3609	CGT2	6	6	6	6	6	6

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Leon Creek	Texas	3609	CGT3	6	6	6	6	6	6
Leon Creek	Texas	3609	CGT4	6	6	6	6	6	6
Lewis Creek	Texas	3457	1	304	304	304	304	304	304
Lewis Creek	Texas	3457	2	350	350	350	350	350	350
Limestone	Texas	298	LIM1	3,501	3,501	3,501	3,501	3,501	3,501
Limestone	Texas	298	LIM2	3,562	3,562	3,562	3,562	3,562	3,562
Lone Star Power Plant	Texas	3477	1	9	9	9	9	9	9
Lost Pines 1	Texas	55154	1	105	105	105	105	105	105
Lost Pines 1	Texas	55154	2	106	106	106	106	106	106
Magic Valley Generating Station	Texas	55123	CTG-1	184	184	184	184	184	184
Magic Valley Generating Station	Texas	55123	CTG-2	200	200	200	200	200	200
Martin Lake	Texas	6146	1	3,484	3,484	3,484	3,484	3,484	3,484
Martin Lake	Texas	6146	2	3,355	3,355	3,355	3,355	3,355	3,355
Martin Lake	Texas	6146	3	3,545	3,545	3,545	3,545	3,545	3,545
Midlothian Energy	Texas	55091	STK1	54	54	54	54	54	54
Midlothian Energy	Texas	55091	STK2	52	52	52	52	52	52
Midlothian Energy	Texas	55091	STK3	45	45	45	45	45	45
Midlothian Energy	Texas	55091	STK4	54	54	54	54	54	54
Midlothian Energy	Texas	55091	STK5	71	71	71	71	71	71
Midlothian Energy	Texas	55091	STK6	71	71	71	71	71	71
Monticello	Texas	6147	1	2,491	2,491	2,491	2,491	2,491	2,491
Monticello	Texas	6147	2	2,548	2,548	2,548	2,548	2,548	2,548
Monticello	Texas	6147	3	3,540	3,540	3,540	3,540	3,540	3,540
Moore County Station	Texas	3483	3	51	51	51	51	51	51
Morgan Creek	Texas	3492	5	8	8	8	8	8	8
Morgan Creek	Texas	3492	6	0	0	0	0	0	0
Morgan Creek	Texas	3492	CT1	6	6	6	6	6	6
Morgan Creek	Texas	3492	CT2	8	8	8	8	8	8
Morgan Creek	Texas	3492	CT3	7	7	7	7	7	7
Morgan Creek	Texas	3492	CT4	6	6	6	6	6	6
Morgan Creek	Texas	3492	CT5	7	7	7	7	7	7
Morgan Creek	Texas	3492	CT6	6	6	6	6	6	6
Mountain Creek Generating Station	Texas	3453	6	24	24	24	24	24	24
Mountain Creek Generating Station	Texas	3453	7	25	25	25	25	25	25
Mountain Creek Generating Station	Texas	3453	8	60	60	60	60	60	60
Mustang Station	Texas	55065	1	352	352	352	352	352	352
Mustang Station	Texas	55065	2	290	290	290	290	290	290

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Mustang Station Units 4 and 5	Texas	56326	GEN1	20	20	20	20	20	20
Mustang Station Units 4 and 5	Texas	56326	GEN2	17	17	17	17	17	17
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	190	190	190	190	190	190
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	190	190	190	190	190	190
New Gulf Power Facility	Texas	50137	1	12	12	12	12	12	12
Newman	Texas	3456	**4	287	287	287	287	287	287
Newman	Texas	3456	**5	275	275	275	275	275	275
Newman	Texas	3456	1	160	160	160	160	160	160
Newman	Texas	3456	2	195	195	195	195	195	195
Newman	Texas	3456	3	225	225	225	225	225	225
Newman	Texas	3456	GT-6A	19	19	19	19	19	19
Newman	Texas	3456	GT-6B	18	18	18	18	18	18
Nichols Station	Texas	3484	141B	145	145	145	145	145	145
Nichols Station	Texas	3484	142B	189	189	189	189	189	189
Nichols Station	Texas	3484	143B	363	363	363	363	363	363
Nueces Bay	Texas	3441	8	53	53	53	53	53	53
Nueces Bay	Texas	3441	9	52	52	52	52	52	52
O W Sommers	Texas	3611	1	504	504	504	504	504	504
O W Sommers	Texas	3611	2	391	391	391	391	391	391
Oak Grove	Texas	6180	1	1,504	1,504	1,504	1,504	1,504	1,504
Odessa-Ector Generating Station	Texas	55215	GT1	192	192	192	192	192	192
Odessa-Ector Generating Station	Texas	55215	GT2	172	172	172	172	172	172
Odessa-Ector Generating Station	Texas	55215	GT3	223	223	223	223	223	223
Odessa-Ector Generating Station	Texas	55215	GT4	197	197	197	197	197	197
Oklaunion Power Station	Texas	127	1	2,233	2,233	2,233	2,233	2,233	2,233
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	340	340	340	340	340	340
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	339	339	339	339	339	339
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	272	272	272	272	272	272
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	275	275	275	275	275	275
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	279	279	279	279	279	279
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	146	146	146	146	146	146
Oyster Creek Unit VIII	Texas	54676	G81	259	259	259	259	259	259
Oyster Creek Unit VIII	Texas	54676	G82	259	259	259	259	259	259
Oyster Creek Unit VIII	Texas	54676	G83	259	259	259	259	259	259
Pampa Power Plant	Texas	7678	BL09A1	0	0	0	0	0	0
Pampa Power Plant	Texas	7678	BL10A1	0	0	0	0	0	0
Pampa Power Plant	Texas	7678	BL11A1	0	0	0	0	0	0

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Paris Energy Center	Texas	50109	HRSG1	113	113	113	113	113	113
Paris Energy Center	Texas	50109	HRSG2	113	113	113	113	113	113
Pasadena Power Plant	Texas	55047	CG-1	150	150	150	150	150	150
Pasadena Power Plant	Texas	55047	CG-2	151	151	151	151	151	151
Pasadena Power Plant	Texas	55047	CG-3	167	167	167	167	167	167
Permian Basin	Texas	3494	5	32	32	32	32	32	32
Permian Basin	Texas	3494	6	274	274	274	274	274	274
Permian Basin	Texas	3494	CT1	11	11	11	11	11	11
Permian Basin	Texas	3494	CT2	12	12	12	12	12	12
Permian Basin	Texas	3494	CT3	9	9	9	9	9	9
Permian Basin	Texas	3494	CT4	11	11	11	11	11	11
Permian Basin	Texas	3494	CT5	8	8	8	8	8	8
Plant X	Texas	3485	111B	53	53	53	53	53	53
Plant X	Texas	3485	112B	109	109	109	109	109	109
Plant X	Texas	3485	113B	136	136	136	136	136	136
Plant X	Texas	3485	114B	454	454	454	454	454	454
Port Neches Plant	Texas	54748	G1	200	200	200	200	200	200
Power Lane Steam Plant	Texas	4195	2	8	8	8	8	8	8
Power Lane Steam Plant	Texas	4195	3	20	20	20	20	20	20
Quail Run Energy Center	Texas	56349	CT1A	24	24	24	24	24	24
Quail Run Energy Center	Texas	56349	CT1B	22	22	22	22	22	22
Quail Run Energy Center	Texas	56349	CT2A	23	23	23	23	23	23
Quail Run Energy Center	Texas	56349	CT2B	19	19	19	19	19	19
R W Miller	Texas	3628	**4	37	37	37	37	37	37
R W Miller	Texas	3628	**5	47	47	47	47	47	47
R W Miller	Texas	3628	1	29	29	29	29	29	29
R W Miller	Texas	3628	2	73	73	73	73	73	73
R W Miller	Texas	3628	3	199	199	199	199	199	199
Ray Olinger	Texas	3576	BW2	86	86	86	86	86	86
Ray Olinger	Texas	3576	BW3	50	50	50	50	50	50
Ray Olinger	Texas	3576	CE1	40	40	40	40	40	40
Ray Olinger	Texas	3576	GE4	8	8	8	8	8	8
Rio Nogales Power Project, LP	Texas	55137	CTG-1	125	125	125	125	125	125
Rio Nogales Power Project, LP	Texas	55137	CTG-2	155	155	155	155	155	155
Rio Nogales Power Project, LP	Texas	55137	CTG-3	114	114	114	114	114	114
Roland C. Dansby Power Plant	Texas	6243	1	135	135	135	135	135	135
Roland C. Dansby Power Plant	Texas	6243	2	5	5	5	5	5	5

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SRW Cogen Limited Partnership	Texas	55120	CTG-1	122	122	122	122	122	122
SRW Cogen Limited Partnership	Texas	55120	CTG-2	147	147	147	147	147	147
Sabine	Texas	3459	1	339	339	339	339	339	339
Sabine	Texas	3459	2	299	299	299	299	299	299
Sabine	Texas	3459	3	577	577	577	577	577	577
Sabine	Texas	3459	4	786	786	786	786	786	786
Sabine	Texas	3459	5	635	635	635	635	635	635
Sabine Cogeneration Facility	Texas	55104	SAB-1	34	34	34	34	34	34
Sabine Cogeneration Facility	Texas	55104	SAB-2	34	34	34	34	34	34
Sam Bertron	Texas	3468	SRB1	39	39	39	39	39	39
Sam Bertron	Texas	3468	SRB2	68	68	68	68	68	68
Sam Bertron	Texas	3468	SRB3	60	60	60	60	60	60
Sam Bertron	Texas	3468	SRB4	67	67	67	67	67	67
Sam Rayburn Plant	Texas	3631	CT7	14	14	14	14	14	14
Sam Rayburn Plant	Texas	3631	CT8	13	13	13	13	13	13
Sam Rayburn Plant	Texas	3631	CT9	14	14	14	14	14	14
Sam Seymour	Texas	6179	1	2,312	2,312	2,312	2,312	2,312	2,312
Sam Seymour	Texas	6179	2	2,324	2,324	2,324	2,324	2,324	2,324
Sam Seymour	Texas	6179	3	1,903	1,903	1,903	1,903	1,903	1,903
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	17	17	17	17	17	17
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	15	15	15	15	15	15
San Jacinto Steam Electric Station	Texas	7325	SJS1	141	141	141	141	141	141
San Jacinto Steam Electric Station	Texas	7325	SJS2	107	107	107	107	107	107
San Miguel	Texas	6183	SM-1	1,817	1,817	1,817	1,817	1,817	1,817
Sand Hill Energy Center	Texas	7900	SH1	31	31	31	31	31	31
Sand Hill Energy Center	Texas	7900	SH2	35	35	35	35	35	35
Sand Hill Energy Center	Texas	7900	SH3	33	33	33	33	33	33
Sand Hill Energy Center	Texas	7900	SH4	32	32	32	32	32	32
Sand Hill Energy Center	Texas	7900	SH5	112	112	112	112	112	112
Sandow	Texas	6648	4	2,425	2,425	2,425	2,425	2,425	2,425
Sandow Station	Texas	52071	5A	511	511	511	511	511	511
Sandow Station	Texas	52071	5B	492	492	492	492	492	492
Silas Ray	Texas	3559	10	7	7	7	7	7	7
Silas Ray	Texas	3559	9	38	38	38	38	38	38
Sim Gideon	Texas	3601	1	70	70	70	70	70	70
Sim Gideon	Texas	3601	2	80	80	80	80	80	80
Sim Gideon	Texas	3601	3	453	453	453	453	453	453

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
South Houston Green Power Site	Texas	55470	EPN801	98	98	98	98	98	98
South Houston Green Power Site	Texas	55470	EPN802	92	92	92	92	92	92
South Houston Green Power Site	Texas	55470	EPN803	99	99	99	99	99	99
Spencer	Texas	4266	4	20	20	20	20	20	20
Spencer	Texas	4266	5	32	32	32	32	32	32
Stryker Creek	Texas	3504	1	32	32	32	32	32	32
Stryker Creek	Texas	3504	2	398	398	398	398	398	398
Sweeny Cogeneration Facility	Texas	55015	1	406	406	406	406	406	406
Sweeny Cogeneration Facility	Texas	55015	2	288	288	288	288	288	288
Sweeny Cogeneration Facility	Texas	55015	3	361	361	361	361	361	361
Sweeny Cogeneration Facility	Texas	55015	4	454	454	454	454	454	454
Sweetwater Generating Plant	Texas	50615	GT01	22	22	22	22	22	22
Sweetwater Generating Plant	Texas	50615	GT02	50	50	50	50	50	50
Sweetwater Generating Plant	Texas	50615	GT03	50	50	50	50	50	50
T C Ferguson Power Plant	Texas	4937	1	490	490	490	490	490	490
T H Wharton	Texas	3469	THW31	9	9	9	9	9	9
T H Wharton	Texas	3469	THW32	35	35	35	35	35	35
T H Wharton	Texas	3469	THW33	14	14	14	14	14	14
T H Wharton	Texas	3469	THW34	11	11	11	11	11	11
T H Wharton	Texas	3469	THW41	11	11	11	11	11	11
T H Wharton	Texas	3469	THW42	9	9	9	9	9	9
T H Wharton	Texas	3469	THW43	13	13	13	13	13	13
T H Wharton	Texas	3469	THW44	49	49	49	49	49	49
T H Wharton	Texas	3469	THW51	8	8	8	8	8	8
T H Wharton	Texas	3469	THW52	9	9	9	9	9	9
T H Wharton	Texas	3469	THW53	9	9	9	9	9	9
T H Wharton	Texas	3469	THW54	8	8	8	8	8	8
T H Wharton	Texas	3469	THW55	8	8	8	8	8	8
T H Wharton	Texas	3469	THW56	8	8	8	8	8	8
Tenaska Frontier Generation Station	Texas	55062	1	240	240	240	240	240	240
Tenaska Frontier Generation Station	Texas	55062	2	252	252	252	252	252	252
Tenaska Frontier Generation Station	Texas	55062	3	226	226	226	226	226	226
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	153	153	153	153	153	153
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	149	149	149	149	149	149
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	162	162	162	162	162	162
Texas City Cogeneration	Texas	52088	GT-A	108	108	108	108	108	108
Texas City Cogeneration	Texas	52088	GT-B	126	126	126	126	126	126

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Texas City Cogeneration	Texas	52088	GT-C	142	142	142	142	142	142
Texas Petrochemicals	Texas	50229	TPCBLR	668	668	668	668	668	668
Tolk Station	Texas	6194	171B	1,999	1,999	1,999	1,999	1,999	1,999
Tolk Station	Texas	6194	172B	2,046	2,046	2,046	2,046	2,046	2,046
Tradinghouse	Texas	3506	1	85	85	85	85	85	85
Tradinghouse	Texas	3506	2	198	198	198	198	198	198
Trinidad	Texas	3507	9	45	45	45	45	45	45
Twin Oaks	Texas	7030	U1	674	674	674	674	674	674
Twin Oaks	Texas	7030	U2	658	658	658	658	658	658
Union Carbide Seadrift Cogen	Texas	50150	GE11	133	133	133	133	133	133
Union Carbide Seadrift Cogen	Texas	50150	GEN6	133	133	133	133	133	133
Union Carbide Seadrift Cogen	Texas	50150	GEN8	133	133	133	133	133	133
V H Braunig	Texas	3612	1	124	124	124	124	124	124
V H Braunig	Texas	3612	2	89	89	89	89	89	89
V H Braunig	Texas	3612	3	379	379	379	379	379	379
V H Braunig	Texas	3612	CT01	119	119	119	119	119	119
V H Braunig	Texas	3612	CT02	109	109	109	109	109	109
Valley (TXU)	Texas	3508	1	33	33	33	33	33	33
Valley (TXU)	Texas	3508	2	137	137	137	137	137	137
Valley (TXU)	Texas	3508	3	77	77	77	77	77	77
Victoria Power Station	Texas	3443	9	60	60	60	60	60	60
W A Parish	Texas	3470	WAP1	43	43	43	43	43	43
W A Parish	Texas	3470	WAP2	46	46	46	46	46	46
W A Parish	Texas	3470	WAP3	72	72	72	72	72	72
W A Parish	Texas	3470	WAP4	403	403	403	403	403	403
W A Parish	Texas	3470	WAP5	1,967	1,967	1,967	1,967	1,967	1,967
W A Parish	Texas	3470	WAP6	1,460	1,460	1,460	1,460	1,460	1,460
W A Parish	Texas	3470	WAP7	2,217	2,217	2,217	2,217	2,217	2,217
W A Parish	Texas	3470	WAP8	2,576	2,576	2,576	2,576	2,576	2,576
W B Tuttle	Texas	3613	1	1	1	1	1	1	1
W B Tuttle	Texas	3613	3	6	6	6	6	6	6
W B Tuttle	Texas	3613	4	6	6	6	6	6	6
Welsh Power Plant	Texas	6139	1	1,882	1,882	1,882	1,882	1,882	1,882
Welsh Power Plant	Texas	6139	2	2,043	2,043	2,043	2,043	2,043	2,043
Welsh Power Plant	Texas	6139	3	2,089	2,089	2,089	2,089	2,089	2,089
Wilkes Power Plant	Texas	3478	1	171	171	171	171	171	171
Wilkes Power Plant	Texas	3478	2	306	306	306	306	306	306

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Wilkes Power Plant	Texas	3478	3	401	401	401	401	401	401
Winchester Power Park	Texas	56674	1	5	5	5	5	5	5
Winchester Power Park	Texas	56674	2	3	3	3	3	3	3
Winchester Power Park	Texas	56674	3	3	3	3	3	3	3
Winchester Power Park	Texas	56674	4	2	2	2	2	2	2
Wise County Power Company, LLC	Texas	55320	GT-1	131	131	131	131	131	131
Wise County Power Company, LLC	Texas	55320	GT-2	134	134	134	134	134	134
Wolf Hollow I, LP	Texas	55139	CTG1	238	238	238	238	238	238
Wolf Hollow I, LP	Texas	55139	CTG2	206	206	206	206	206	206
Alma	Wisconsin	4140	B4	189	189	182	182	182	182
Alma	Wisconsin	4140	B5	279	279	269	269	269	269
Bay Front	Wisconsin	3982	1	110	110	106	106	106	106
Bay Front	Wisconsin	3982	2	105	105	101	101	101	101
Bay Front	Wisconsin	3982	5	118	118	113	113	113	113
Blount Street	Wisconsin	3992	3	1	1	1	1	1	1
Blount Street	Wisconsin	3992	5	2	2	2	2	2	2
Blount Street	Wisconsin	3992	6	2	2	2	2	2	2
Blount Street	Wisconsin	3992	7	15	15	14	14	14	14
Blount Street	Wisconsin	3992	8	80	80	77	77	77	77
Blount Street	Wisconsin	3992	9	75	75	73	73	73	73
Columbia	Wisconsin	8023	1	2,571	2,571	2,472	2,472	2,472	2,472
Columbia	Wisconsin	8023	2	2,566	2,566	2,468	2,468	2,468	2,468
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	8	8	8	8	8	8
Concord	Wisconsin	7159	**1	31	31	30	30	30	30
Concord	Wisconsin	7159	**2	34	34	33	33	33	33
Concord	Wisconsin	7159	**3	17	17	16	16	16	16
Concord	Wisconsin	7159	**4	18	18	17	17	17	17
DTE Stoneman, LLC	Wisconsin	4146	B1	20	20	20	20	20	20
DTE Stoneman, LLC	Wisconsin	4146	B2	32	32	31	31	31	31
Depere Energy Center	Wisconsin	55029	B01	50	50	49	49	49	49
Edgewater (4050)	Wisconsin	4050	3	283	283	272	272	272	272
Edgewater (4050)	Wisconsin	4050	4	1,400	1,400	1,346	1,346	1,346	1,346
Edgewater (4050)	Wisconsin	4050	5	1,607	1,607	1,546	1,546	1,546	1,546
Elk Mound Generating Station	Wisconsin	7863	1	4	4	4	4	4	4
Elk Mound Generating Station	Wisconsin	7863	2	5	5	5	5	5	5
Elm Road Generating Station	Wisconsin	56068	1	462	462	462	462	462	462
Fitchburg Generating Station	Wisconsin	3991	1	2	2	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Fitchburg Generating Station	Wisconsin	3991	2	2	2	2	2	2	2
Fox Energy Company LLC	Wisconsin	56031	CTG-1	22	22	22	22	22	22
Fox Energy Company LLC	Wisconsin	56031	CTG-2	22	22	22	22	22	22
French Island	Wisconsin	4005	3	1	1	1	1	1	1
French Island	Wisconsin	4005	4	1	1	1	1	1	1
Genoa	Wisconsin	4143	1	1,422	1,422	1,368	1,368	1,368	1,368
Germantown Power Plant	Wisconsin	6253	**5	17	17	17	17	17	17
Germantown Power Plant	Wisconsin	6253	P30	1	1	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P31	1	1	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P32	0	0	0	0	0	0
Germantown Power Plant	Wisconsin	6253	P33	0	0	0	0	0	0
Germantown Power Plant	Wisconsin	6253	P34	1	1	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P35	2	2	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P36	1	1	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P37	1	1	1	1	1	1
Island Street Peaking Plant	Wisconsin	55836	1A	8	8	8	8	8	8
Island Street Peaking Plant	Wisconsin	55836	1B	9	9	9	9	9	9
J P Madgett	Wisconsin	4271	B1	1,788	1,788	1,719	1,719	1,719	1,719
Manitowoc	Wisconsin	4125	6	41	41	39	39	39	39
Manitowoc	Wisconsin	4125	7	42	42	41	41	41	41
Manitowoc	Wisconsin	4125	8	103	103	99	99	99	99
Manitowoc	Wisconsin	4125	9	258	258	248	248	248	248
Neenah Energy Facility	Wisconsin	55135	CT01	27	27	26	26	26	26
Neenah Energy Facility	Wisconsin	55135	CT02	36	36	35	35	35	35
Nelson Dewey	Wisconsin	4054	1	495	495	476	476	476	476
Nelson Dewey	Wisconsin	4054	2	577	577	555	555	555	555
Paris	Wisconsin	7270	**1	14	14	13	13	13	13
Paris	Wisconsin	7270	**2	14	14	13	13	13	13
Paris	Wisconsin	7270	**3	17	17	17	17	17	17
Paris	Wisconsin	7270	**4	19	19	19	19	19	19
Pleasant Prairie	Wisconsin	6170	1	3,059	3,059	2,942	2,942	2,942	2,942
Pleasant Prairie	Wisconsin	6170	2	3,025	3,025	2,909	2,909	2,909	2,909
Port Washington Generating Station	Wisconsin	4040	11	34	34	34	34	34	34
Port Washington Generating Station	Wisconsin	4040	12	31	31	31	31	31	31
Port Washington Generating Station	Wisconsin	4040	21	50	50	50	50	50	50
Port Washington Generating Station	Wisconsin	4040	22	49	49	49	49	49	49
Pulliam	Wisconsin	4072	32	20	20	20	20	20	20

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
Pulliam	Wisconsin	4072	5	243	243	234	234	234	234
Pulliam	Wisconsin	4072	6	350	350	337	337	337	337
Pulliam	Wisconsin	4072	7	405	405	389	389	389	389
Pulliam	Wisconsin	4072	8	634	634	610	610	610	610
Riverside Energy Center	Wisconsin	55641	CT-01	37	37	37	37	37	37
Riverside Energy Center	Wisconsin	55641	CT-02	34	34	34	34	34	34
Rock River	Wisconsin	4057	1	8	8	8	8	8	8
Rock River	Wisconsin	4057	2	15	15	14	14	14	14
Rock River	Wisconsin	4057	CT3	1	1	1	1	1	1
Rock River	Wisconsin	4057	CT5A	3	3	3	3	3	3
Rock River	Wisconsin	4057	CT5B	3	3	3	3	3	3
Rock River	Wisconsin	4057	CT6A	2	2	2	2	2	2
Rock River	Wisconsin	4057	CT6B	2	2	2	2	2	2
Rockgen Energy Center	Wisconsin	55391	CT-1	17	17	17	17	17	17
Rockgen Energy Center	Wisconsin	55391	CT-2	20	20	20	20	20	20
Rockgen Energy Center	Wisconsin	55391	CT-3	21	21	21	21	21	21
Sheboygan Falls Energy Facility	Wisconsin	56166	1	10	10	10	10	10	10
Sheboygan Falls Energy Facility	Wisconsin	56166	2	10	10	10	10	10	10
Sheepskin	Wisconsin	4059	CT1A	1	1	1	1	1	1
Sheepskin	Wisconsin	4059	CT1B	1	1	1	1	1	1
South Fond Du Lac	Wisconsin	7203	**CT1	12	12	12	12	12	12
South Fond Du Lac	Wisconsin	7203	**CT2	14	14	14	14	14	14
South Fond Du Lac	Wisconsin	7203	**CT3	13	13	12	12	12	12
South Fond Du Lac	Wisconsin	7203	**CT4	12	12	11	11	11	11
South Oak Creek	Wisconsin	4041	5	1,005	1,005	967	967	967	967
South Oak Creek	Wisconsin	4041	6	899	899	864	864	864	864
South Oak Creek	Wisconsin	4041	7	1,176	1,176	1,131	1,131	1,131	1,131
South Oak Creek	Wisconsin	4041	8	1,108	1,108	1,065	1,065	1,065	1,065
Valley (WEPCO)	Wisconsin	4042	1	293	293	282	282	282	282
Valley (WEPCO)	Wisconsin	4042	2	292	292	281	281	281	281
Valley (WEPCO)	Wisconsin	4042	3	291	291	280	280	280	280
Valley (WEPCO)	Wisconsin	4042	4	301	301	289	289	289	289
West Marinette	Wisconsin	4076	**33	40	40	38	38	38	38
West Marinette	Wisconsin	4076	**34	21	21	21	21	21	21
West Marinette	Wisconsin	4076	31A	3	3	3	3	3	3
West Marinette	Wisconsin	4076	31B	3	3	3	3	3	3
West Marinette	Wisconsin	4076	32A	3	3	3	3	3	3

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)	NOx Annual Allocation 2017 (tons)
West Marinette	Wisconsin	4076	32B	3	3	3	3	3	3
Weston	Wisconsin	4078	1	253	253	244	244	244	244
Weston	Wisconsin	4078	2	437	437	420	420	420	420
Weston	Wisconsin	4078	3	1,731	1,731	1,665	1,665	1,665	1,665
Weston	Wisconsin	4078	32A	3	3	3	3	3	3
Weston	Wisconsin	4078	32B	3	3	3	3	3	3
Weston	Wisconsin	4078	4	922	922	922	922	922	922
Wheaton Generating Plant	Wisconsin	4014	1	5	5	5	5	5	5
Wheaton Generating Plant	Wisconsin	4014	2	5	5	5	5	5	5
Wheaton Generating Plant	Wisconsin	4014	3	7	7	7	7	7	7
Wheaton Generating Plant	Wisconsin	4014	4	6	6	6	6	6	6
Wheaton Generating Plant	Wisconsin	4014	5	0	0	0	0	0	0
Wheaton Generating Plant	Wisconsin	4014	6	1	1	1	1	1	1
Whitewater Cogeneration Facility	Wisconsin	55011	01	73	73	73	73	73	73

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
AMEA Sylacauga Plant	Alabama	56018	1						
AMEA Sylacauga Plant	Alabama	56018	2						
Barry	Alabama	3	1						
Barry	Alabama	3	2						
Barry	Alabama	3	3						
Barry	Alabama	3	4						
Barry	Alabama	3	5						
Barry	Alabama	3	6A						
Barry	Alabama	3	6B						
Barry	Alabama	3	7A						
Barry	Alabama	3	7B						
Calhoun Power Company I, LLC	Alabama	55409	CT1						
Calhoun Power Company I, LLC	Alabama	55409	CT2						
Calhoun Power Company I, LLC	Alabama	55409	CT3						
Calhoun Power Company I, LLC	Alabama	55409	CT4						
Charles R Lowman	Alabama	56	1						
Charles R Lowman	Alabama	56	2						
Charles R Lowman	Alabama	56	3						
Colbert	Alabama	47	1						
Colbert	Alabama	47	2						
Colbert	Alabama	47	3						
Colbert	Alabama	47	4						
Colbert	Alabama	47	5						
Colbert	Alabama	47	CCT1						
Colbert	Alabama	47	CCT2						
Colbert	Alabama	47	CCT3						
Colbert	Alabama	47	CCT4						
Colbert	Alabama	47	CCT5						
Colbert	Alabama	47	CCT6						
Colbert	Alabama	47	CCT7						
Colbert	Alabama	47	CCT8						
Decatur Energy Center	Alabama	55292	CTG-1						
Decatur Energy Center	Alabama	55292	CTG-2						
Decatur Energy Center	Alabama	55292	CTG-3						
Discover	Alabama	55138	1A						
Discover	Alabama	55138	1B						
Discover	Alabama	55138	2A						

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Discover	Alabama	55138	2B						
E B Harris Generating Plant	Alabama	7897	1A						
E B Harris Generating Plant	Alabama	7897	1B						
E B Harris Generating Plant	Alabama	7897	2A						
E B Harris Generating Plant	Alabama	7897	2B						
E C Gaston	Alabama	26	1						
E C Gaston	Alabama	26	2						
E C Gaston	Alabama	26	3						
E C Gaston	Alabama	26	4						
E C Gaston	Alabama	26	5						
Gadsden	Alabama	7	1						
Gadsden	Alabama	7	2						
Gorgas	Alabama	8	10						
Gorgas	Alabama	8	6						
Gorgas	Alabama	8	7						
Gorgas	Alabama	8	8						
Gorgas	Alabama	8	9						
Greene County	Alabama	10	1						
Greene County	Alabama	10	2						
Greene County	Alabama	10	CT10						
Greene County	Alabama	10	CT2						
Greene County	Alabama	10	CT3						
Greene County	Alabama	10	CT4						
Greene County	Alabama	10	CT5						
Greene County	Alabama	10	CT6						
Greene County	Alabama	10	CT7						
Greene County	Alabama	10	CT8						
Greene County	Alabama	10	CT9						
Hillabee Energy Center	Alabama	55411	CT1						
Hillabee Energy Center	Alabama	55411	CT2						
Hog Bayou Energy Center	Alabama	55241	COG01						
James H Miller Jr	Alabama	6002	1						
James H Miller Jr	Alabama	6002	2						
James H Miller Jr	Alabama	6002	3						
James H Miller Jr	Alabama	6002	4						
McIntosh (7063)	Alabama	7063	**1						
McIntosh (7063)	Alabama	7063	**2						

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McIntosh (7063)	Alabama	7063	**3						
McWilliams	Alabama	533	**4						
McWilliams	Alabama	533	**V1						
McWilliams	Alabama	533	**V2						
Morgan Energy Center	Alabama	55293	CT-1						
Morgan Energy Center	Alabama	55293	CT-2						
Morgan Energy Center	Alabama	55293	CT-3						
Plant H. Allen Franklin	Alabama	7710	1A						
Plant H. Allen Franklin	Alabama	7710	1B						
Plant H. Allen Franklin	Alabama	7710	2A						
Plant H. Allen Franklin	Alabama	7710	2B						
Plant H. Allen Franklin	Alabama	7710	3A						
Plant H. Allen Franklin	Alabama	7710	3B						
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1						
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1						
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2						
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3						
Tenaska Lindsay Hill	Alabama	55271	CT1						
Tenaska Lindsay Hill	Alabama	55271	CT2						
Tenaska Lindsay Hill	Alabama	55271	CT3						
Theodore Cogeneration	Alabama	7721	CC1						
Washington County Cogen (Olin)	Alabama	7697	CC1						
Widows Creek	Alabama	50	1						
Widows Creek	Alabama	50	2						
Widows Creek	Alabama	50	3						
Widows Creek	Alabama	50	4						
Widows Creek	Alabama	50	5						
Widows Creek	Alabama	50	6						
Widows Creek	Alabama	50	7						
Widows Creek	Alabama	50	8						
Carl Bailey	Arkansas	202	01	27	27	27	27	27	27
Cecil Lynch	Arkansas	167	2	10	10	10	10	10	10
Cecil Lynch	Arkansas	167	3	45	45	45	45	45	45
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	12	12	12	12	12	12
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	12	12	12	12	12	12
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	14	14	14	14	14	14
Dell Power Plant	Arkansas	55340	1	15	15	15	15	15	15

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Dell Power Plant	Arkansas	55340	2	14	14	14	14	14	14
Flint Creek Power Plant	Arkansas	6138	1	1,690	1,690	1,690	1,690	1,690	1,690
Fulton	Arkansas	7825	CT1	8	8	8	8	8	8
Hamilton Moses	Arkansas	168	1	4	4	4	4	4	4
Hamilton Moses	Arkansas	168	2	2	2	2	2	2	2
Harry D. Mattison Power Plant	Arkansas	56328	1	11	11	11	11	11	11
Harry D. Mattison Power Plant	Arkansas	56328	2	7	7	7	7	7	7
Harry D. Mattison Power Plant	Arkansas	56328	3	10	10	10	10	10	10
Harry D. Mattison Power Plant	Arkansas	56328	4	10	10	10	10	10	10
Harvey Couch	Arkansas	169	1	18	18	18	18	18	18
Harvey Couch	Arkansas	169	2	68	68	68	68	68	68
Hot Spring Energy Facility	Arkansas	55418	CT-1	28	28	28	28	28	28
Hot Spring Energy Facility	Arkansas	55418	CT-2	21	21	21	21	21	21
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	45	45	45	45	45	45
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	44	44	44	44	44	44
Independence	Arkansas	6641	1	2,977	2,977	2,977	2,977	2,977	2,977
Independence	Arkansas	6641	2	3,009	3,009	3,009	3,009	3,009	3,009
Lake Catherine	Arkansas	170	1	0	0	0	0	0	0
Lake Catherine	Arkansas	170	2	0	0	0	0	0	0
Lake Catherine	Arkansas	170	3	1	1	1	1	1	1
Lake Catherine	Arkansas	170	4	143	143	143	143	143	143
McClellan	Arkansas	203	01	136	136	136	136	136	136
Oswald Generating Station	Arkansas	55221	G1	17	17	17	17	17	17
Oswald Generating Station	Arkansas	55221	G2	14	14	14	14	14	14
Oswald Generating Station	Arkansas	55221	G3	16	16	16	16	16	16
Oswald Generating Station	Arkansas	55221	G4	14	14	14	14	14	14
Oswald Generating Station	Arkansas	55221	G5	14	14	14	14	14	14
Oswald Generating Station	Arkansas	55221	G6	18	18	18	18	18	18
Oswald Generating Station	Arkansas	55221	G7	19	19	19	19	19	19
Pine Bluff Energy Center	Arkansas	55075	CT-1	231	231	231	231	231	231
Robert E Ritchie	Arkansas	173	2	0	0	0	0	0	0
Thomas Fitzhugh	Arkansas	201	2	78	78	78	78	78	78
Union Power Station	Arkansas	55380	CTG-1	31	31	31	31	31	31
Union Power Station	Arkansas	55380	CTG-2	34	34	34	34	34	34
Union Power Station	Arkansas	55380	CTG-3	32	32	32	32	32	32
Union Power Station	Arkansas	55380	CTG-4	28	28	28	28	28	28
Union Power Station	Arkansas	55380	CTG-5	31	31	31	31	31	31

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Union Power Station	Arkansas	55380	CTG-6	31	31	31	31	31	31
Union Power Station	Arkansas	55380	CTG-7	33	33	33	33	33	33
Union Power Station	Arkansas	55380	CTG-8	34	34	34	34	34	34
White Bluff	Arkansas	6009	1	2,621	2,621	2,621	2,621	2,621	2,621
White Bluff	Arkansas	6009	2	2,608	2,608	2,608	2,608	2,608	2,608
Anclote	Florida	8048	1	413	413				
Anclote	Florida	8048	2	422	422				
Arvah B Hopkins	Florida	688	1	37	37				
Arvah B Hopkins	Florida	688	2A	42	42				
Arvah B Hopkins	Florida	688	HC2	1	1				
Arvah B Hopkins	Florida	688	HC3	12	12				
Arvah B Hopkins	Florida	688	HC4	3	3				
Auburndale Cogeneration Facility	Florida	54658	1	59	59				
Auburndale Peaker Energy Center	Florida	55833	6	11	11				
Avon Park	Florida	624	P1	4	4				
Avon Park	Florida	624	P2	1	1				
Bayboro	Florida	627	1A	1	1				
Bayboro	Florida	627	1B	1	1				
Bayboro	Florida	627	2A	1	1				
Bayboro	Florida	627	2B	0	0				
Bayboro	Florida	627	3A	1	1				
Bayboro	Florida	627	3B	1	1				
Bayboro	Florida	627	4A	1	1				
Bayboro	Florida	627	4B	1	1				
Bayside Power Station	Florida	7873	CT1A	35	35				
Bayside Power Station	Florida	7873	CT1B	33	33				
Bayside Power Station	Florida	7873	CT1C	32	32				
Bayside Power Station	Florida	7873	CT2A	33	33				
Bayside Power Station	Florida	7873	CT2B	31	31				
Bayside Power Station	Florida	7873	CT2C	30	30				
Bayside Power Station	Florida	7873	CT2D	175	175				
Bayside Power Station	Florida	7873	CT3A	5	5				
Bayside Power Station	Florida	7873	CT3B	5	5				
Bayside Power Station	Florida	7873	CT4A	5	5				
Bayside Power Station	Florida	7873	CT4B	5	5				
Bayside Power Station	Florida	7873	CT5A	7	7				
Bayside Power Station	Florida	7873	CT5B	7	7				

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Bayside Power Station	Florida	7873	CT6A	7	7				
Bayside Power Station	Florida	7873	CT6B	7	7				
Big Bend	Florida	645	BB01	530	530				
Big Bend	Florida	645	BB02	531	531				
Big Bend	Florida	645	BB03	542	542				
Big Bend	Florida	645	BB04	615	615				
Big Bend	Florida	645	CT4A	4	4				
Big Bend	Florida	645	CT4B	4	4				
Brandy Branch	Florida	7846	1	11	11				
Brandy Branch	Florida	7846	2	49	49				
Brandy Branch	Florida	7846	3	23	23				
C D McIntosh Jr Power Plant	Florida	676	1	13	13				
C D McIntosh Jr Power Plant	Florida	676	2	27	27				
C D McIntosh Jr Power Plant	Florida	676	3	463	463				
C D McIntosh Jr Power Plant	Florida	676	5	76	76				
Cane Island	Florida	7238	**1	2	2				
Cane Island	Florida	7238	2	35	35				
Cane Island	Florida	7238	3	27	27				
Cape Canaveral	Florida	609	PCC1	244	244				
Cape Canaveral	Florida	609	PCC2	242	242				
Cedar Bay Generating Co. LP	Florida	10672	CBA	152	152				
Cedar Bay Generating Co. LP	Florida	10672	CBB	156	156				
Cedar Bay Generating Co. LP	Florida	10672	CBC	144	144				
Central Power & Lime	Florida	10333	1	188	188				
Charles Larsen Memorial Power Plant	Florida	675	**8	43	43				
Crist Electric Generating Plant	Florida	641	4	115	115				
Crist Electric Generating Plant	Florida	641	5	108	108				
Crist Electric Generating Plant	Florida	641	6	392	392				
Crist Electric Generating Plant	Florida	641	7	690	690				
Crystal River	Florida	628	1	396	396				
Crystal River	Florida	628	2	496	496				
Crystal River	Florida	628	4	1,006	1,006				
Crystal River	Florida	628	5	952	952				
Curtis H. Stanton Energy Center	Florida	564	1	642	642				
Curtis H. Stanton Energy Center	Florida	564	2	629	629				
Curtis H. Stanton Energy Center	Florida	564	CCB	12	12				
Cutler	Florida	610	PCU5	3	3				

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Cutler	Florida	610	PCU6	23	23				
Debary	Florida	6046	**10	6	6				
Debary	Florida	6046	**7	19	19				
Debary	Florida	6046	**8	20	20				
Debary	Florida	6046	**9	19	19				
Debary	Florida	6046	P1	2	2				
Debary	Florida	6046	P2	1	1				
Debary	Florida	6046	P3	1	1				
Debary	Florida	6046	P4	1	1				
Debary	Florida	6046	P5	1	1				
Debary	Florida	6046	P6	1	1				
Deerhaven	Florida	663	B1	52	52				
Deerhaven	Florida	663	B2	311	311				
Deerhaven	Florida	663	CT3	7	7				
Desoto County Energy Park	Florida	55422	CT1	7	7				
Desoto County Energy Park	Florida	55422	CT2	6	6				
Fort Myers	Florida	612	FMCT2A	75	75				
Fort Myers	Florida	612	FMCT2B	77	77				
Fort Myers	Florida	612	FMCT2C	73	73				
Fort Myers	Florida	612	FMCT2D	75	75				
Fort Myers	Florida	612	FMCT2E	76	76				
Fort Myers	Florida	612	FMCT2F	75	75				
Fort Myers	Florida	612	GFM01	1	1				
Fort Myers	Florida	612	GFM02	0	0				
Fort Myers	Florida	612	GFM03	0	0				
Fort Myers	Florida	612	GFM04	1	1				
Fort Myers	Florida	612	GFM05	0	0				
Fort Myers	Florida	612	GFM06	0	0				
Fort Myers	Florida	612	GFM07	1	1				
Fort Myers	Florida	612	GFM08	1	1				
Fort Myers	Florida	612	GFM09	0	0				
Fort Myers	Florida	612	GFM10	0	0				
Fort Myers	Florida	612	GFM11	0	0				
Fort Myers	Florida	612	GFM12	0	0				
Fort Myers	Florida	612	PFM3A	37	37				
Fort Myers	Florida	612	PFM3B	46	46				
G E Turner	Florida	629	P3	3	3				

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G E Turner	Florida	629	P4	3	3				
Hardee Power Station	Florida	50949	CT1A	57	57				
Hardee Power Station	Florida	50949	CT1B	56	56				
Hardee Power Station	Florida	50949	CT2A	5	5				
Hardee Power Station	Florida	50949	CT2B	4	4				
Higgins	Florida	630	P1	2	2				
Higgins	Florida	630	P2	4	4				
Higgins	Florida	630	P3	3	3				
Higgins	Florida	630	P4	4	4				
Hines Energy Complex	Florida	7302	1A	98	98				
Hines Energy Complex	Florida	7302	1B	92	92				
Hines Energy Complex	Florida	7302	2A	35	35				
Hines Energy Complex	Florida	7302	2B	213	213				
Hines Energy Complex	Florida	7302	3A	25	25				
Hines Energy Complex	Florida	7302	3B	24	24				
Hines Energy Complex	Florida	7302	4A	20	20				
Hines Energy Complex	Florida	7302	4B	21	21				
Indian River (55318)	Florida	55318	1	10	10				
Indian River (55318)	Florida	55318	2	25	25				
Indian River (55318)	Florida	55318	3	77	77				
Indian River (683)	Florida	683	**C	5	5				
Indian River (683)	Florida	683	**D	7	7				
Indian River (683)	Florida	683	A	0	0				
Indian River (683)	Florida	683	B	0	0				
Indiantown Cogeneration, LP	Florida	50976	01	441	441				
Intercession City	Florida	8049	**10	27	27				
Intercession City	Florida	8049	**11	3	3				
Intercession City	Florida	8049	**12	15	15				
Intercession City	Florida	8049	**13	14	14				
Intercession City	Florida	8049	**14	18	18				
Intercession City	Florida	8049	**7	29	29				
Intercession City	Florida	8049	**8	29	29				
Intercession City	Florida	8049	**9	29	29				
Intercession City	Florida	8049	1A	0	0				
Intercession City	Florida	8049	1B	0	0				
Intercession City	Florida	8049	2A	1	1				
Intercession City	Florida	8049	2B	1	1				

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Intercession City	Florida	8049	3A	1	1				
Intercession City	Florida	8049	3B	1	1				
Intercession City	Florida	8049	4A	1	1				
Intercession City	Florida	8049	4B	1	1				
Intercession City	Florida	8049	5A	1	1				
Intercession City	Florida	8049	5B	1	1				
Intercession City	Florida	8049	6A	1	1				
Intercession City	Florida	8049	6B	1	1				
J D Kennedy	Florida	666	7	19	19				
J D Kennedy	Florida	666	CT8	18	18				
J R Kelly	Florida	664	CC1	20	20				
Lake Cogeneration	Florida	54423	EU003	43	43				
Lake Cogeneration	Florida	54423	EU004	43	43				
Lansing Smith Generating Plant	Florida	643	1	226	226				
Lansing Smith Generating Plant	Florida	643	2	263	263				
Lansing Smith Generating Plant	Florida	643	4	99	99				
Lansing Smith Generating Plant	Florida	643	5	97	97				
Lansing Smith Generating Plant	Florida	643	AA	0	0				
Lansing Smith Generating Plant	Florida	643	AB	0	0				
Lauderdale	Florida	613	4GT1	195	195				
Lauderdale	Florida	613	4GT2	205	205				
Lauderdale	Florida	613	5GT1	214	214				
Lauderdale	Florida	613	5GT2	215	215				
Lauderdale	Florida	613	GFL01	1	1				
Lauderdale	Florida	613	GFL02	1	1				
Lauderdale	Florida	613	GFL03	1	1				
Lauderdale	Florida	613	GFL04	1	1				
Lauderdale	Florida	613	GFL05	1	1				
Lauderdale	Florida	613	GFL06	1	1				
Lauderdale	Florida	613	GFL07	1	1				
Lauderdale	Florida	613	GFL08	1	1				
Lauderdale	Florida	613	GFL09	1	1				
Lauderdale	Florida	613	GFL10	1	1				
Lauderdale	Florida	613	GFL11	1	1				
Lauderdale	Florida	613	GFL12	1	1				
Lauderdale	Florida	613	GFL13	0	0				
Lauderdale	Florida	613	GFL14	1	1				

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Lauderdale	Florida	613	GFL15	1	1				
Lauderdale	Florida	613	GFL16	1	1				
Lauderdale	Florida	613	GFL17	1	1				
Lauderdale	Florida	613	GFL18	1	1				
Lauderdale	Florida	613	GFL19	0	0				
Lauderdale	Florida	613	GFL20	1	1				
Lauderdale	Florida	613	GFL21	1	1				
Lauderdale	Florida	613	GFL22	1	1				
Lauderdale	Florida	613	GFL23	1	1				
Lauderdale	Florida	613	GFL24	1	1				
Manatee	Florida	6042	MTCT3A	28	28				
Manatee	Florida	6042	MTCT3B	28	28				
Manatee	Florida	6042	MTCT3C	26	26				
Manatee	Florida	6042	MTCT3D	27	27				
Manatee	Florida	6042	PMT1	533	533				
Manatee	Florida	6042	PMT2	507	507				
Martin	Florida	6043	HRSG3A	106	106				
Martin	Florida	6043	HRSG3B	98	98				
Martin	Florida	6043	HRSG4A	103	103				
Martin	Florida	6043	HRSG4B	103	103				
Martin	Florida	6043	PMR1	586	586				
Martin	Florida	6043	PMR2	613	613				
Martin	Florida	6043	PMR8A	42	42				
Martin	Florida	6043	PMR8B	52	52				
Martin	Florida	6043	PMR8C	33	33				
Martin	Florida	6043	PMR8D	26	26				
Midulla Generating Station	Florida	7380	1	66	66				
Midulla Generating Station	Florida	7380	2	78	78				
Midulla Generating Station	Florida	7380	4A	10	10				
Midulla Generating Station	Florida	7380	4B	10	10				
Midulla Generating Station	Florida	7380	5A	11	11				
Midulla Generating Station	Florida	7380	5B	10	10				
Midulla Generating Station	Florida	7380	6A	11	11				
Midulla Generating Station	Florida	7380	6B	11	11				
Midulla Generating Station	Florida	7380	7A	10	10				
Midulla Generating Station	Florida	7380	7B	11	11				
Midulla Generating Station	Florida	7380	8A	10	10				

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Midulla Generating Station	Florida	7380	8B	10	10				
Mulberry Cogeneration Facility	Florida	54426	1	29	29				
Northside	Florida	667	1A	434	434				
Northside	Florida	667	2A	416	416				
Northside	Florida	667	3	293	293				
Northside	Florida	667	GT3	0	0				
Northside	Florida	667	GT4	0	0				
Northside	Florida	667	GT5	0	0				
Northside	Florida	667	GT6	1	1				
Oleander Power Project	Florida	55286	O-1	37	37				
Oleander Power Project	Florida	55286	O-2	23	23				
Oleander Power Project	Florida	55286	O-3	25	25				
Oleander Power Project	Florida	55286	O-4	28	28				
Oleander Power Project	Florida	55286	O-5	6	6				
Orange Cogeneration Facility	Florida	54365	1	25	25				
Orange Cogeneration Facility	Florida	54365	2	23	23				
Orlando CoGen	Florida	54466	1	101	101				
Osceola	Florida	55192	OSC1	30	30				
Osceola	Florida	55192	OSC2	30	30				
Osceola	Florida	55192	OSC3	19	19				
Osprey Energy Center	Florida	55412	CT1	156	156				
Osprey Energy Center	Florida	55412	CT2	87	87				
P L Bartow	Florida	634	4A	59	59				
P L Bartow	Florida	634	4B	52	52				
P L Bartow	Florida	634	4C	60	60				
P L Bartow	Florida	634	4D	66	66				
P L Bartow	Florida	634	P1	1	1				
P L Bartow	Florida	634	P2	7	7				
P L Bartow	Florida	634	P3	2	2				
P L Bartow	Florida	634	P4	8	8				
Pasco Cogeneration	Florida	54424	EU001	29	29				
Pasco Cogeneration	Florida	54424	EU002	28	28				
Polk	Florida	7242	**1	187	187				
Polk	Florida	7242	**2	16	16				
Polk	Florida	7242	**3	21	21				
Polk	Florida	7242	**4	12	12				
Polk	Florida	7242	**5	7	7				

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Port Everglades	Florida	617	GPE01	1	1				
Port Everglades	Florida	617	GPE02	1	1				
Port Everglades	Florida	617	GPE03	1	1				
Port Everglades	Florida	617	GPE04	0	0				
Port Everglades	Florida	617	GPE05	0	0				
Port Everglades	Florida	617	GPE06	1	1				
Port Everglades	Florida	617	GPE07	0	0				
Port Everglades	Florida	617	GPE08	0	0				
Port Everglades	Florida	617	GPE09	1	1				
Port Everglades	Florida	617	GPE10	1	1				
Port Everglades	Florida	617	GPE11	1	1				
Port Everglades	Florida	617	GPE12	1	1				
Port Everglades	Florida	617	PPE1	97	97				
Port Everglades	Florida	617	PPE2	101	101				
Port Everglades	Florida	617	PPE3	273	273				
Port Everglades	Florida	617	PPE4	285	285				
Putnam	Florida	6246	HRSG11	81	81				
Putnam	Florida	6246	HRSG12	80	80				
Putnam	Florida	6246	HRSG21	81	81				
Putnam	Florida	6246	HRSG22	80	80				
Reedy Creek	Florida	7254	32432	58	58				
Ridge Generating Station	Florida	54529	001	0	0				
Riviera	Florida	619	PRV3	197	197				
Riviera	Florida	619	PRV4	220	220				
Roy E Hansel Power Plant	Florida	672	CT21	4	4				
S O Purdom	Florida	689	7	14	14				
S O Purdom	Florida	689	8	82	82				
Sanford	Florida	620	PSN3	23	23				
Sanford	Florida	620	SNCT4A	74	74				
Sanford	Florida	620	SNCT4B	80	80				
Sanford	Florida	620	SNCT4C	82	82				
Sanford	Florida	620	SNCT4D	82	82				
Sanford	Florida	620	SNCT5A	79	79				
Sanford	Florida	620	SNCT5B	80	80				
Sanford	Florida	620	SNCT5C	81	81				
Sanford	Florida	620	SNCT5D	78	78				
Santa Rosa Energy Center	Florida	55242	CT-1	42	42				

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Scholz Electric Generating Plant	Florida	642	1	45	45				
Scholz Electric Generating Plant	Florida	642	2	43	43				
Seminole (136)	Florida	136	1	919	919				
Seminole (136)	Florida	136	2	957	957				
Shady Hills	Florida	55414	GT101	37	37				
Shady Hills	Florida	55414	GT201	39	39				
Shady Hills	Florida	55414	GT301	41	41				
St. Johns River Power	Florida	207	1	903	903				
St. Johns River Power	Florida	207	2	966	966				
Stanton A	Florida	55821	25	37	37				
Stanton A	Florida	55821	26	36	36				
Stock Island	Florida	6584	CT4	0	0				
Suwannee River	Florida	638	1	34	34				
Suwannee River	Florida	638	1A	6	6				
Suwannee River	Florida	638	1B	5	5				
Suwannee River	Florida	638	2	35	35				
Suwannee River	Florida	638	2A	1	1				
Suwannee River	Florida	638	2B	1	1				
Suwannee River	Florida	638	3	75	75				
Suwannee River	Florida	638	3A	7	7				
Suwannee River	Florida	638	3B	7	7				
Tiger Bay	Florida	7699	1	83	83				
Tom G Smith	Florida	673	GT1	0	0				
Tom G Smith	Florida	673	S-3	2	2				
Treasure Coast Energy Center	Florida	56400	1	26	26				
Turkey Point	Florida	621	PTP1	206	206				
Turkey Point	Florida	621	PTP2	239	239				
Turkey Point	Florida	621	TPCT5A	65	65				
Turkey Point	Florida	621	TPCT5B	25	25				
Turkey Point	Florida	621	TPCT5C	22	22				
Turkey Point	Florida	621	TPCT5D	24	24				
University of Florida	Florida	7345	1	52	52				
Vandolah Power Project	Florida	55415	GT101	20	20				
Vandolah Power Project	Florida	55415	GT201	20	20				
Vandolah Power Project	Florida	55415	GT301	18	18				
Vandolah Power Project	Florida	55415	GT401	19	19				
Vero Beach Municipal	Florida	693	**5	5	5				

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Vero Beach Municipal	Florida	693	3	2	2				
Vero Beach Municipal	Florida	693	4	6	6				
West County Energy Center	Florida	56407	WCCT1A	20	20				
West County Energy Center	Florida	56407	WCCT1B	16	16				
West County Energy Center	Florida	56407	WCCT1C	18	18				
West County Energy Center	Florida	56407	WCCT2A	25	25				
West County Energy Center	Florida	56407	WCCT2B	21	21				
West County Energy Center	Florida	56407	WCCT2C	22	22				
A B Brown Generating Station	Indiana	6137	1	595	595	586	586	586	586
A B Brown Generating Station	Indiana	6137	2	601	601	591	591	591	591
A B Brown Generating Station	Indiana	6137	3	14	14	14	14	14	14
A B Brown Generating Station	Indiana	6137	4	4	4	4	4	4	4
Alcoa Allowance Management Inc	Indiana	6705	4	889	889	875	875	875	875
Anderson	Indiana	7336	ACT1	1	1	1	1	1	1
Anderson	Indiana	7336	ACT2	1	1	1	1	1	1
Anderson	Indiana	7336	ACT3	1	1	1	1	1	1
Bailly Generating Station	Indiana	995	10	0	0	0	0	0	0
Bailly Generating Station	Indiana	995	7	371	371	365	365	365	365
Bailly Generating Station	Indiana	995	8	640	640	631	631	631	631
Broadway Avenue Generating Station	Indiana	1011	1	3	3	3	3	3	3
Broadway Avenue Generating Station	Indiana	1011	2	18	18	18	18	18	18
Cayuga	Indiana	1001	1	1,136	1,136	1,119	1,119	1,119	1,119
Cayuga	Indiana	1001	2	1,080	1,080	1,063	1,063	1,063	1,063
Cayuga	Indiana	1001	4	5	5	5	5	5	5
Clifty Creek	Indiana	983	1	455	455	448	448	448	448
Clifty Creek	Indiana	983	2	477	477	469	469	469	469
Clifty Creek	Indiana	983	3	448	448	441	441	441	441
Clifty Creek	Indiana	983	4	465	465	458	458	458	458
Clifty Creek	Indiana	983	5	490	490	483	483	483	483
Clifty Creek	Indiana	983	6	436	436	429	429	429	429
Connersville Peaking Station	Indiana	1002	1A	0	0	0	0	0	0
Connersville Peaking Station	Indiana	1002	1B	0	0	0	0	0	0
Connersville Peaking Station	Indiana	1002	2A	0	0	0	0	0	0
Connersville Peaking Station	Indiana	1002	2B	0	0	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	11	0	0	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	4	0	0	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	5	0	0	0	0	0	0

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Dean H Mitchell Generating Station	Indiana	996	6	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	1	2	2	2	2	2	2
Duke Energy Vermillion, II LLC	Indiana	55111	2	2	2	2	2	2	2
Duke Energy Vermillion, II LLC	Indiana	55111	3	4	4	4	4	4	4
Duke Energy Vermillion, II LLC	Indiana	55111	4	2	2	2	2	2	2
Duke Energy Vermillion, II LLC	Indiana	55111	5	3	3	3	3	3	3
Duke Energy Vermillion, II LLC	Indiana	55111	6	3	3	3	3	3	3
Duke Energy Vermillion, II LLC	Indiana	55111	7	2	2	2	2	2	2
Duke Energy Vermillion, II LLC	Indiana	55111	8	4	4	4	4	4	4
Edwardsport	Indiana	1004	6-1	1	1	1	1	1	1
Edwardsport	Indiana	1004	7-1	32	32	32	32	32	32
Edwardsport	Indiana	1004	7-2	27	27	26	26	26	26
Edwardsport	Indiana	1004	8-1	35	35	35	35	35	35
F B Culley Generating Station	Indiana	1012	2	268	268	264	264	264	264
F B Culley Generating Station	Indiana	1012	3	792	792	780	780	780	780
Frank E Ratts	Indiana	1043	1SG1	307	307	303	303	303	303
Frank E Ratts	Indiana	1043	2SG1	308	308	304	304	304	304
Georgetown Substation	Indiana	7759	GT1	2	2	2	2	2	2
Georgetown Substation	Indiana	7759	GT2	3	3	3	3	3	3
Georgetown Substation	Indiana	7759	GT3	3	3	3	3	3	3
Georgetown Substation	Indiana	7759	GT4	4	4	4	4	4	4
Gibson	Indiana	6113	1	1,600	1,600	1,576	1,576	1,576	1,576
Gibson	Indiana	6113	2	1,532	1,532	1,509	1,509	1,509	1,509
Gibson	Indiana	6113	3	1,632	1,632	1,608	1,608	1,608	1,608
Gibson	Indiana	6113	4	1,526	1,526	1,503	1,503	1,503	1,503
Gibson	Indiana	6113	5	1,310	1,310	1,290	1,290	1,290	1,290
Harding Street Station (EW Stout)	Indiana	990	10	0	0	0	0	0	0
Harding Street Station (EW Stout)	Indiana	990	50	220	220	217	217	217	217
Harding Street Station (EW Stout)	Indiana	990	60	213	213	210	210	210	210
Harding Street Station (EW Stout)	Indiana	990	70	940	940	926	926	926	926
Harding Street Station (EW Stout)	Indiana	990	9	1	1	1	1	1	1
Harding Street Station (EW Stout)	Indiana	990	GT4	12	12	12	12	12	12
Harding Street Station (EW Stout)	Indiana	990	GT5	11	11	11	11	11	11
Harding Street Station (EW Stout)	Indiana	990	GT6	6	6	6	6	6	6
Henry County Generating Station	Indiana	7763	1	10	10	10	10	10	10
Henry County Generating Station	Indiana	7763	2	10	10	10	10	10	10
Henry County Generating Station	Indiana	7763	3	11	11	11	11	11	11

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
Hoosier Energy Lawrence Co Station	Indiana	7948	1	5	5	5	5	5	5
Hoosier Energy Lawrence Co Station	Indiana	7948	2	6	6	6	6	6	6
Hoosier Energy Lawrence Co Station	Indiana	7948	3	7	7	7	7	7	7
Hoosier Energy Lawrence Co Station	Indiana	7948	4	5	5	5	5	5	5
Hoosier Energy Lawrence Co Station	Indiana	7948	5	4	4	4	4	4	4
Hoosier Energy Lawrence Co Station	Indiana	7948	6	5	5	5	5	5	5
IPL Eagle Valley Generating Station	Indiana	991	1	2	2	2	2	2	2
IPL Eagle Valley Generating Station	Indiana	991	2	2	2	2	2	2	2
IPL Eagle Valley Generating Station	Indiana	991	3	76	76	75	75	75	75
IPL Eagle Valley Generating Station	Indiana	991	4	136	136	134	134	134	134
IPL Eagle Valley Generating Station	Indiana	991	5	109	109	107	107	107	107
IPL Eagle Valley Generating Station	Indiana	991	6	183	183	180	180	180	180
Lawrenceburg Energy Facility	Indiana	55502	1	13	13	13	13	13	13
Lawrenceburg Energy Facility	Indiana	55502	2	11	11	11	11	11	11
Lawrenceburg Energy Facility	Indiana	55502	3	14	14	14	14	14	14
Lawrenceburg Energy Facility	Indiana	55502	4	13	13	13	13	13	13
Merom	Indiana	6213	1SG1	1,232	1,232	1,214	1,214	1,214	1,214
Merom	Indiana	6213	2SG1	1,289	1,289	1,269	1,269	1,269	1,269
Michigan City Generating Station	Indiana	997	12	1,100	1,100	1,084	1,084	1,084	1,084
Michigan City Generating Station	Indiana	997	4	0	0	0	0	0	0
Michigan City Generating Station	Indiana	997	5	0	0	0	0	0	0
Michigan City Generating Station	Indiana	997	6	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT1	4	4	4	4	4	4
Montpelier Electric Gen Station	Indiana	55229	G1CT2	5	5	5	5	5	5
Montpelier Electric Gen Station	Indiana	55229	G2CT1	4	4	4	4	4	4
Montpelier Electric Gen Station	Indiana	55229	G2CT2	4	4	4	4	4	4
Montpelier Electric Gen Station	Indiana	55229	G3CT1	4	4	4	4	4	4
Montpelier Electric Gen Station	Indiana	55229	G3CT2	4	4	4	4	4	4
Montpelier Electric Gen Station	Indiana	55229	G4CT1	4	4	4	4	4	4
Montpelier Electric Gen Station	Indiana	55229	G4CT2	4	4	4	4	4	4
Noblesville	Indiana	1007	CT3	40	40	40	40	40	40
Noblesville	Indiana	1007	CT4	41	41	41	41	41	41
Noblesville	Indiana	1007	CT5	47	47	47	47	47	47
Petersburg	Indiana	994	1	593	593	584	584	584	584
Petersburg	Indiana	994	2	1,077	1,077	1,061	1,061	1,061	1,061
Petersburg	Indiana	994	3	1,438	1,438	1,417	1,417	1,417	1,417
Petersburg	Indiana	994	4	1,438	1,438	1,416	1,416	1,416	1,416

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Portside Energy	Indiana	55096	GT	26	26	26	26	26	26
R Gallagher	Indiana	1008	1	243	243	239	239	239	239
R Gallagher	Indiana	1008	2	270	270	266	266	266	266
R Gallagher	Indiana	1008	3	246	246	242	242	242	242
R Gallagher	Indiana	1008	4	268	268	264	264	264	264
R M Schahfer Generating Station	Indiana	6085	14	1,177	1,177	1,159	1,159	1,159	1,159
R M Schahfer Generating Station	Indiana	6085	15	1,165	1,165	1,148	1,148	1,148	1,148
R M Schahfer Generating Station	Indiana	6085	16A	6	6	5	5	5	5
R M Schahfer Generating Station	Indiana	6085	16B	9	9	9	9	9	9
R M Schahfer Generating Station	Indiana	6085	17	1,017	1,017	1,002	1,002	1,002	1,002
R M Schahfer Generating Station	Indiana	6085	18	1,020	1,020	1,004	1,004	1,004	1,004
Richmond (IN)	Indiana	7335	RCT1	1	1	1	1	1	1
Richmond (IN)	Indiana	7335	RCT2	1	1	1	1	1	1
Rockport	Indiana	6166	MB1	3,316	3,316	3,265	3,265	3,265	3,265
Rockport	Indiana	6166	MB2	3,148	3,148	3,100	3,100	3,100	3,100
State Line Generating Station (IN)	Indiana	981	3	496	496	489	489	489	489
State Line Generating Station (IN)	Indiana	981	4	721	721	710	710	710	710
Sugar Creek Generating Station	Indiana	55364	CT11	142	142	139	139	139	139
Sugar Creek Generating Station	Indiana	55364	CT12	92	92	92	92	92	92
Tanners Creek	Indiana	988	U1	295	295	290	290	290	290
Tanners Creek	Indiana	988	U2	311	311	307	307	307	307
Tanners Creek	Indiana	988	U3	424	424	418	418	418	418
Tanners Creek	Indiana	988	U4	1,058	1,058	1,042	1,042	1,042	1,042
Wabash River Gen Station	Indiana	1010	1	212	212	212	212	212	212
Wabash River Gen Station	Indiana	1010	2	189	189	186	186	186	186
Wabash River Gen Station	Indiana	1010	3	186	186	184	184	184	184
Wabash River Gen Station	Indiana	1010	4	227	227	224	224	224	224
Wabash River Gen Station	Indiana	1010	5	199	199	196	196	196	196
Wabash River Gen Station	Indiana	1010	6	821	821	808	808	808	808
Wheatland Generating Facility LLC	Indiana	55224	EU-01	9	9	9	9	9	9
Wheatland Generating Facility LLC	Indiana	55224	EU-02	7	7	7	7	7	7
Wheatland Generating Facility LLC	Indiana	55224	EU-03	7	7	7	7	7	7
Wheatland Generating Facility LLC	Indiana	55224	EU-04	7	7	7	7	7	7
Whitewater Valley	Indiana	1040	1	53	53	52	52	52	52
Whitewater Valley	Indiana	1040	2	150	150	147	147	147	147
Whiting Clean Energy, Inc.	Indiana	55259	CT1	26	26	26	26	26	26
Whiting Clean Energy, Inc.	Indiana	55259	CT2	16	16	16	16	16	16

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Worthington Generation	Indiana	55148	1	5	5	5	5	5	5
Worthington Generation	Indiana	55148	2	5	5	5	5	5	5
Worthington Generation	Indiana	55148	3	4	4	4	4	4	4
Worthington Generation	Indiana	55148	4	5	5	5	5	5	5
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1						
Chanute 2	Kansas	1268	14						
Cimarron River	Kansas	1230	1						
Clifton	Kansas	8037	T1						
Coffeyville	Kansas	1271	4						
East 12th Street	Kansas	7013	4						
Emporia Energy Center	Kansas	56502	EEC1						
Emporia Energy Center	Kansas	56502	EEC2						
Emporia Energy Center	Kansas	56502	EEC3						
Emporia Energy Center	Kansas	56502	EEC4						
Emporia Energy Center	Kansas	56502	EEC5						
Emporia Energy Center	Kansas	56502	EEC6						
Emporia Energy Center	Kansas	56502	EEC7						
Fort Dodge aka Judson Large	Kansas	1233	4						
Garden City	Kansas	1336	S-2						
Garden City	Kansas	1336	S4						
Garden City	Kansas	1336	S5						
Gordon Evans Energy Center	Kansas	1240	1						
Gordon Evans Energy Center	Kansas	1240	2						
Gordon Evans Energy Center	Kansas	1240	E1CT						
Gordon Evans Energy Center	Kansas	1240	E2CT						
Gordon Evans Energy Center	Kansas	1240	E3CT						
Great Bend Station aka Arthur Mullergren	Kansas	1235	3						
Holcomb	Kansas	108	SGU1						
Hutchinson Energy Center	Kansas	1248	4						
Hutchinson Energy Center	Kansas	1248	GT1						
Hutchinson Energy Center	Kansas	1248	GT2						
Hutchinson Energy Center	Kansas	1248	GT3						
Hutchinson Energy Center	Kansas	1248	GT4						
Jeffrey Energy Center	Kansas	6068	1						
Jeffrey Energy Center	Kansas	6068	2						
Jeffrey Energy Center	Kansas	6068	3						
La Cygne	Kansas	1241	1						

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La Cygne	Kansas	1241	2						
Lawrence Energy Center	Kansas	1250	3						
Lawrence Energy Center	Kansas	1250	4						
Lawrence Energy Center	Kansas	1250	5						
McPherson 2	Kansas	1305	GT1						
McPherson 2	Kansas	1305	GT2						
McPherson 2	Kansas	1305	GT3						
McPherson 3	Kansas	7515	1						
Murray Gill Energy Center	Kansas	1242	1						
Murray Gill Energy Center	Kansas	1242	2						
Murray Gill Energy Center	Kansas	1242	3						
Murray Gill Energy Center	Kansas	1242	4						
Nearman Creek	Kansas	6064	CT4						
Nearman Creek	Kansas	6064	N1						
Neosho Energy Center	Kansas	1243	7						
Osawatomie Generating Station	Kansas	7928	1						
Quindaro	Kansas	1295	1						
Quindaro	Kansas	1295	2						
Quindaro	Kansas	1295	GT2						
Quindaro	Kansas	1295	GT3						
Riverton	Kansas	1239	12						
Riverton	Kansas	1239	39						
Riverton	Kansas	1239	40						
Tecumseh Energy Center	Kansas	1252	10						
Tecumseh Energy Center	Kansas	1252	9						
West Gardner Generating Station	Kansas	7929	1						
West Gardner Generating Station	Kansas	7929	2						
West Gardner Generating Station	Kansas	7929	3						
West Gardner Generating Station	Kansas	7929	4						
Big Sandy	Kentucky	1353	BSU1						
Big Sandy	Kentucky	1353	BSU2						
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1						
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2						
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3						
Cane Run	Kentucky	1363	4						
Cane Run	Kentucky	1363	5						
Cane Run	Kentucky	1363	6						

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Coleman	Kentucky	1381	C1						
Coleman	Kentucky	1381	C2						
Coleman	Kentucky	1381	C3						
D B Wilson	Kentucky	6823	W1						
E W Brown	Kentucky	1355	1						
E W Brown	Kentucky	1355	10						
E W Brown	Kentucky	1355	11						
E W Brown	Kentucky	1355	2						
E W Brown	Kentucky	1355	3						
E W Brown	Kentucky	1355	5						
E W Brown	Kentucky	1355	6						
E W Brown	Kentucky	1355	7						
E W Brown	Kentucky	1355	8						
E W Brown	Kentucky	1355	9						
East Bend	Kentucky	6018	2						
Elmer Smith	Kentucky	1374	1						
Elmer Smith	Kentucky	1374	2						
Ghent	Kentucky	1356	1						
Ghent	Kentucky	1356	2						
Ghent	Kentucky	1356	3						
Ghent	Kentucky	1356	4						
Green River	Kentucky	1357	4						
Green River	Kentucky	1357	5						
H L Spurlock	Kentucky	6041	1						
H L Spurlock	Kentucky	6041	2						
H L Spurlock	Kentucky	6041	3						
H L Spurlock	Kentucky	6041	4						
HMP&L Station 2	Kentucky	1382	H1						
HMP&L Station 2	Kentucky	1382	H2						
John S. Cooper	Kentucky	1384	1						
John S. Cooper	Kentucky	1384	2						
Marshall	Kentucky	55232	CT1						
Marshall	Kentucky	55232	CT2						
Marshall	Kentucky	55232	CT3						
Marshall	Kentucky	55232	CT4						
Marshall	Kentucky	55232	CT5						
Marshall	Kentucky	55232	CT6						

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Marshall	Kentucky	55232	CT7						
Marshall	Kentucky	55232	CT8						
Mill Creek	Kentucky	1364	1						
Mill Creek	Kentucky	1364	2						
Mill Creek	Kentucky	1364	3						
Mill Creek	Kentucky	1364	4						
Paddy's Run	Kentucky	1366	12						
Paddy's Run	Kentucky	1366	13						
Paradise	Kentucky	1378	1						
Paradise	Kentucky	1378	2						
Paradise	Kentucky	1378	3						
R D Green	Kentucky	6639	G1						
R D Green	Kentucky	6639	G2						
Riverside Generating Company	Kentucky	55198	GTG101						
Riverside Generating Company	Kentucky	55198	GTG201						
Riverside Generating Company	Kentucky	55198	GTG301						
Riverside Generating Company	Kentucky	55198	GTG401						
Riverside Generating Company	Kentucky	55198	GTG501						
Robert Reid	Kentucky	1383	R1						
Robert Reid	Kentucky	1383	RT						
Shawnee	Kentucky	1379	1						
Shawnee	Kentucky	1379	10						
Shawnee	Kentucky	1379	2						
Shawnee	Kentucky	1379	3						
Shawnee	Kentucky	1379	4						
Shawnee	Kentucky	1379	5						
Shawnee	Kentucky	1379	6						
Shawnee	Kentucky	1379	7						
Shawnee	Kentucky	1379	8						
Shawnee	Kentucky	1379	9						
Smith Generating Facility	Kentucky	54	SCT1						
Smith Generating Facility	Kentucky	54	SCT10						
Smith Generating Facility	Kentucky	54	SCT2						
Smith Generating Facility	Kentucky	54	SCT3						
Smith Generating Facility	Kentucky	54	SCT4						
Smith Generating Facility	Kentucky	54	SCT5						
Smith Generating Facility	Kentucky	54	SCT6						

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Smith Generating Facility	Kentucky	54	SCT7						
Smith Generating Facility	Kentucky	54	SCT9						
Trimble County	Kentucky	6071	1						
Trimble County	Kentucky	6071	10						
Trimble County	Kentucky	6071	5						
Trimble County	Kentucky	6071	6						
Trimble County	Kentucky	6071	7						
Trimble County	Kentucky	6071	8						
Trimble County	Kentucky	6071	9						
Tyrone	Kentucky	1361	5						
William C. Dale	Kentucky	1385	1						
William C. Dale	Kentucky	1385	2						
William C. Dale	Kentucky	1385	3						
William C. Dale	Kentucky	1385	4						
Acadia Power Station	Louisiana	55173	CT1	34	34	34	34	34	34
Acadia Power Station	Louisiana	55173	CT2	54	54	54	54	54	54
Acadia Power Station	Louisiana	55173	CT3	44	44	44	44	44	44
Acadia Power Station	Louisiana	55173	CT4	40	40	40	40	40	40
Arsenal Hill Power Plant	Louisiana	1416	5A	67	67	67	67	67	67
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	3	3	3	3	3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	3	3	3	3	3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	3	3	3	3	3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	4	4	4	4	4	4
Big Cajun 1	Louisiana	1464	1B1	5	5	5	5	5	5
Big Cajun 1	Louisiana	1464	1B2	0	0	0	0	0	0
Big Cajun 1	Louisiana	1464	CTG1	13	13	13	13	13	13
Big Cajun 1	Louisiana	1464	CTG2	16	16	16	16	16	16
Big Cajun 2	Louisiana	6055	2B1	1,360	1,360	1,360	1,360	1,360	1,360
Big Cajun 2	Louisiana	6055	2B2	1,338	1,338	1,338	1,338	1,338	1,338
Big Cajun 2	Louisiana	6055	2B3	1,331	1,331	1,331	1,331	1,331	1,331
Brame Energy Center	Louisiana	6190	1	295	295	295	295	295	295
Brame Energy Center	Louisiana	6190	2	1,083	1,083	1,083	1,083	1,083	1,083
Brame Energy Center	Louisiana	6190	3-1	140	140	140	140	140	140
Brame Energy Center	Louisiana	6190	3-2	154	154	154	154	154	154
Calcasieu Plant	Louisiana	55165	GTG1	26	26	26	26	26	26
Calcasieu Plant	Louisiana	55165	GTG2	36	36	36	36	36	36
Carville Energy Center	Louisiana	55404	COG01	78	78	78	78	78	78

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Carville Energy Center	Louisiana	55404	COG02	85	85	85	85	85	85
Coughlin Power Station	Louisiana	1396	6-1	58	58	58	58	58	58
Coughlin Power Station	Louisiana	1396	7-1	81	81	81	81	81	81
Coughlin Power Station	Louisiana	1396	7-2	92	92	92	92	92	92
D G Hunter	Louisiana	6558	3	5	5	5	5	5	5
D G Hunter	Louisiana	6558	4	10	10	10	10	10	10
Doc Bonin	Louisiana	1443	1	7	7	7	7	7	7
Doc Bonin	Louisiana	1443	2	82	82	82	82	82	82
Doc Bonin	Louisiana	1443	3	92	92	92	92	92	92
Dolet Hills Power Station	Louisiana	51	1	1,497	1,497	1,497	1,497	1,497	1,497
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	22	22	22	22	22	22
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	17	17	17	17	17	17
Houma	Louisiana	1439	15	13	13	13	13	13	13
Houma	Louisiana	1439	16	17	17	17	17	17	17
Lieberman Power Plant	Louisiana	1417	3	39	39	39	39	39	39
Lieberman Power Plant	Louisiana	1417	4	39	39	39	39	39	39
Little Gypsy	Louisiana	1402	1	189	189	189	189	189	189
Little Gypsy	Louisiana	1402	2	294	294	294	294	294	294
Little Gypsy	Louisiana	1402	3	488	488	488	488	488	488
Louisiana 1	Louisiana	1391	1A	100	100	100	100	100	100
Louisiana 1	Louisiana	1391	2A	68	68	68	68	68	68
Louisiana 1	Louisiana	1391	3A	97	97	97	97	97	97
Louisiana 1	Louisiana	1391	4A	328	328	328	328	328	328
Louisiana 1	Louisiana	1391	5A	138	138	138	138	138	138
Michoud	Louisiana	1409	1	0	0	0	0	0	0
Michoud	Louisiana	1409	2	239	239	239	239	239	239
Michoud	Louisiana	1409	3	600	600	600	600	600	600
Morgan City Electrical Gen Facility	Louisiana	1449	4	49	49	49	49	49	49
Natchitoches	Louisiana	1450	10	0	0	0	0	0	0
Nelson Industrial Steam Company	Louisiana	50030	1A	210	210	210	210	210	210
Nelson Industrial Steam Company	Louisiana	50030	2A	290	290	290	290	290	290
Ninemile Point	Louisiana	1403	1	44	44	44	44	44	44
Ninemile Point	Louisiana	1403	2	24	24	24	24	24	24
Ninemile Point	Louisiana	1403	3	87	87	87	87	87	87
Ninemile Point	Louisiana	1403	4	902	902	902	902	902	902
Ninemile Point	Louisiana	1403	5	993	993	993	993	993	993
Ouachita Plant	Louisiana	55467	CTGEN1	24	24	24	24	24	24

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Ouachita Plant	Louisiana	55467	CTGEN2	26	26	26	26	26	26
Ouachita Plant	Louisiana	55467	CTGEN3	28	28	28	28	28	28
Perryville Power Station	Louisiana	55620	1-1	33	33	33	33	33	33
Perryville Power Station	Louisiana	55620	1-2	33	33	33	33	33	33
Perryville Power Station	Louisiana	55620	2-1	2	2	2	2	2	2
Plaquemine Cogen Facility	Louisiana	55419	500	50	50	50	50	50	50
Plaquemine Cogen Facility	Louisiana	55419	600	49	49	49	49	49	49
Plaquemine Cogen Facility	Louisiana	55419	700	46	46	46	46	46	46
Plaquemine Cogen Facility	Louisiana	55419	800	59	59	59	59	59	59
R S Cogen	Louisiana	55117	RS-5	163	163	163	163	163	163
R S Cogen	Louisiana	55117	RS-6	166	166	166	166	166	166
R S Nelson	Louisiana	1393	3	92	92	92	92	92	92
R S Nelson	Louisiana	1393	4	507	507	507	507	507	507
R S Nelson	Louisiana	1393	6	1,359	1,359	1,359	1,359	1,359	1,359
Sterlington	Louisiana	1404	10	0	0	0	0	0	0
Sterlington	Louisiana	1404	7AB	5	5	5	5	5	5
Sterlington	Louisiana	1404	7C	7	7	7	7	7	7
T J Labbe Electric Generating Station	Louisiana	56108	U-1	27	27	27	27	27	27
T J Labbe Electric Generating Station	Louisiana	56108	U-2	15	15	15	15	15	15
Taft Cogeneration Facility	Louisiana	55089	CT1	83	83	83	83	83	83
Taft Cogeneration Facility	Louisiana	55089	CT2	80	80	80	80	80	80
Taft Cogeneration Facility	Louisiana	55089	CT3	87	87	87	87	87	87
Teche Power Station	Louisiana	1400	2	3	3	3	3	3	3
Teche Power Station	Louisiana	1400	3	339	339	339	339	339	339
Waterford 1 & 2	Louisiana	8056	1	237	237	237	237	237	237
Waterford 1 & 2	Louisiana	8056	2	258	258	258	258	258	258
Waterford 1 & 2	Louisiana	8056	4	0	0	0	0	0	0
Willow Glen	Louisiana	1394	1	24	24	24	24	24	24
Willow Glen	Louisiana	1394	2	59	59	59	59	59	59
Willow Glen	Louisiana	1394	3	1	1	1	1	1	1
Willow Glen	Louisiana	1394	4	176	176	176	176	176	176
Willow Glen	Louisiana	1394	5	26	26	26	26	26	26
48th Street Peaking Station	Michigan	7258	**7						
48th Street Peaking Station	Michigan	7258	**8						
48th Street Peaking Station	Michigan	7258	9						
B C Cobb	Michigan	1695	4						
B C Cobb	Michigan	1695	5						

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Belle River	Michigan	6034	1						
Belle River	Michigan	6034	2						
Belle River	Michigan	6034	CTG121						
Belle River	Michigan	6034	CTG122						
Belle River	Michigan	6034	CTG131						
Cadillac Renewable Energy	Michigan	54415	EUBLR						
Conners Creek	Michigan	1726	15						
Conners Creek	Michigan	1726	16						
Conners Creek	Michigan	1726	17						
Conners Creek	Michigan	1726	18						
DTE East China	Michigan	55718	1						
DTE East China	Michigan	55718	2						
DTE East China	Michigan	55718	3						
DTE East China	Michigan	55718	4						
DTE Pontiac North LLC	Michigan	10111	EUBHB9						
Dan E Karn	Michigan	1702	1						
Dan E Karn	Michigan	1702	2						
Dan E Karn	Michigan	1702	3						
Dan E Karn	Michigan	1702	4						
Dearborn Industrial Generation	Michigan	55088	BL1100						
Dearborn Industrial Generation	Michigan	55088	BL2100						
Dearborn Industrial Generation	Michigan	55088	BL3100						
Dearborn Industrial Generation	Michigan	55088	GT2100						
Dearborn Industrial Generation	Michigan	55088	GT3100						
Dearborn Industrial Generation	Michigan	55088	GTP1						
Delray	Michigan	1728	CTG111						
Delray	Michigan	1728	CTG121						
Eckert Station	Michigan	1831	1						
Eckert Station	Michigan	1831	2						
Eckert Station	Michigan	1831	3						
Eckert Station	Michigan	1831	4						
Eckert Station	Michigan	1831	5						
Eckert Station	Michigan	1831	6						
Endicott Generating	Michigan	4259	1						
Erickson	Michigan	1832	1						
Genesee Power Station	Michigan	54751	01						
Grayling Generating Station	Michigan	10822	1						

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Greenwood	Michigan	6035	1						
Greenwood	Michigan	6035	CTG111						
Greenwood	Michigan	6035	CTG112						
Greenwood	Michigan	6035	CTG121						
Hancock Peakers	Michigan	1730	CTG121						
Hancock Peakers	Michigan	1730	CTG122						
Harbor Beach	Michigan	1731	1						
J B Sims	Michigan	1825	3						
J C Weadock	Michigan	1720	7						
J C Weadock	Michigan	1720	8						
J H Campbell	Michigan	1710	1						
J H Campbell	Michigan	1710	2						
J H Campbell	Michigan	1710	3						
J R Whiting	Michigan	1723	1						
J R Whiting	Michigan	1723	2						
J R Whiting	Michigan	1723	3						
Jackson MI Facility	Michigan	55270	7EA						
Jackson MI Facility	Michigan	55270	LM1						
Jackson MI Facility	Michigan	55270	LM2						
Jackson MI Facility	Michigan	55270	LM3						
Jackson MI Facility	Michigan	55270	LM4						
Jackson MI Facility	Michigan	55270	LM5						
Jackson MI Facility	Michigan	55270	LM6						
James De Young	Michigan	1830	5						
Kalamazoo River Generating Station	Michigan	55101	1						
Kalkaska Ct Project #1	Michigan	7984	1A						
Kalkaska Ct Project #1	Michigan	7984	1B						
Livingston Generating Station	Michigan	55102	1						
Livingston Generating Station	Michigan	55102	2						
Livingston Generating Station	Michigan	55102	3						
Livingston Generating Station	Michigan	55102	4						
Michigan Power Limited Partnership	Michigan	54915	1						
Midland Cogeneration Venture	Michigan	10745	003						
Midland Cogeneration Venture	Michigan	10745	004						
Midland Cogeneration Venture	Michigan	10745	005						
Midland Cogeneration Venture	Michigan	10745	006						
Midland Cogeneration Venture	Michigan	10745	007						

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Midland Cogeneration Venture	Michigan	10745	008						
Midland Cogeneration Venture	Michigan	10745	009						
Midland Cogeneration Venture	Michigan	10745	010						
Midland Cogeneration Venture	Michigan	10745	011						
Midland Cogeneration Venture	Michigan	10745	012						
Midland Cogeneration Venture	Michigan	10745	013						
Midland Cogeneration Venture	Michigan	10745	014						
Midland Cogeneration Venture	Michigan	10745	016						
Midland Cogeneration Venture	Michigan	10745	017						
Midland Cogeneration Venture	Michigan	10745	018						
Midland Cogeneration Venture	Michigan	10745	019						
Midland Cogeneration Venture	Michigan	10745	020						
Midland Cogeneration Venture	Michigan	10745	021						
Mistersky	Michigan	1822	5						
Mistersky	Michigan	1822	6						
Mistersky	Michigan	1822	7						
Mistersky	Michigan	1822	GT-1						
Monroe	Michigan	1733	1						
Monroe	Michigan	1733	2						
Monroe	Michigan	1733	3						
Monroe	Michigan	1733	4						
New Covert Generating Project	Michigan	55297	001						
New Covert Generating Project	Michigan	55297	002						
New Covert Generating Project	Michigan	55297	003						
Presque Isle	Michigan	1769	5						
Presque Isle	Michigan	1769	6						
Presque Isle	Michigan	1769	7						
Presque Isle	Michigan	1769	8						
Presque Isle	Michigan	1769	9						
Renaissance Power	Michigan	55402	CT1						
Renaissance Power	Michigan	55402	CT2						
Renaissance Power	Michigan	55402	CT3						
Renaissance Power	Michigan	55402	CT4						
River Rouge	Michigan	1740	1						
River Rouge	Michigan	1740	2						
River Rouge	Michigan	1740	3						
Shiras	Michigan	1843	3						

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St. Clair	Michigan	1743	1						
St. Clair	Michigan	1743	2						
St. Clair	Michigan	1743	3						
St. Clair	Michigan	1743	4						
St. Clair	Michigan	1743	6						
St. Clair	Michigan	1743	7						
Sumpter Plant	Michigan	7972	1						
Sumpter Plant	Michigan	7972	2						
Sumpter Plant	Michigan	7972	3						
Sumpter Plant	Michigan	7972	4						
TES Filer City Station	Michigan	50835	1						
TES Filer City Station	Michigan	50835	2						
Thetford	Michigan	1719	1						
Thetford	Michigan	1719	2						
Thetford	Michigan	1719	3						
Thetford	Michigan	1719	4						
Trenton Channel	Michigan	1745	16						
Trenton Channel	Michigan	1745	17						
Trenton Channel	Michigan	1745	18						
Trenton Channel	Michigan	1745	19						
Trenton Channel	Michigan	1745	9A						
Wyandotte	Michigan	1866	5						
Wyandotte	Michigan	1866	7						
Wyandotte	Michigan	1866	8						
Zeeland Generating Station	Michigan	55087	CC1						
Zeeland Generating Station	Michigan	55087	CC2						
Zeeland Generating Station	Michigan	55087	CC3						
Zeeland Generating Station	Michigan	55087	CC4						
Attala Generating Plant	Mississippi	55220	A01	18	18	18	18	18	18
Attala Generating Plant	Mississippi	55220	A02	19	19	19	19	19	19
Batesville Generation Facility	Mississippi	55063	1	61	61	61	61	61	61
Batesville Generation Facility	Mississippi	55063	2	70	70	70	70	70	70
Batesville Generation Facility	Mississippi	55063	3	74	74	74	74	74	74
Baxter Wilson	Mississippi	2050	1	908	908	908	908	908	908
Baxter Wilson	Mississippi	2050	2	731	731	731	731	731	731
Caledonia	Mississippi	55197	AA-001	25	25	25	25	25	25
Caledonia	Mississippi	55197	AA-002	28	28	28	28	28	28

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Caledonia	Mississippi	55197	AA-003	26	26	26	26	26	26
Chevron Cogenerating Station	Mississippi	2047	5	113	113	113	113	113	113
Choctaw County Gen	Mississippi	55706	CTG1	12	12	12	12	12	12
Choctaw County Gen	Mississippi	55706	CTG2	16	16	16	16	16	16
Choctaw County Gen	Mississippi	55706	CTG3	16	16	16	16	16	16
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	37	37	37	37	37	37
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	35	35	35	35	35	35
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	1	1	1	1	1	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	1	1	1	1	1	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	3	3	3	3	3	3
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	1	1	1	1	1	1
Daniel Electric Generating Plant	Mississippi	6073	1	1,621	1,621	1,621	1,621	1,621	1,621
Daniel Electric Generating Plant	Mississippi	6073	2	1,605	1,605	1,605	1,605	1,605	1,605
Daniel Electric Generating Plant	Mississippi	6073	3A	21	21	21	21	21	21
Daniel Electric Generating Plant	Mississippi	6073	3B	21	21	21	21	21	21
Daniel Electric Generating Plant	Mississippi	6073	4A	20	20	20	20	20	20
Daniel Electric Generating Plant	Mississippi	6073	4B	18	18	18	18	18	18
Delta	Mississippi	2051	1	7	7	7	7	7	7
Delta	Mississippi	2051	2	5	5	5	5	5	5
Gerald Andrus	Mississippi	8054	1	1,003	1,003	1,003	1,003	1,003	1,003
Hinds Energy Facility	Mississippi	55218	H01	13	13	13	13	13	13
Hinds Energy Facility	Mississippi	55218	H02	14	14	14	14	14	14
Kemper County	Mississippi	7960	KCT1	8	8	8	8	8	8
Kemper County	Mississippi	7960	KCT2	7	7	7	7	7	7
Kemper County	Mississippi	7960	KCT3	6	6	6	6	6	6
Kemper County	Mississippi	7960	KCT4	6	6	6	6	6	6
Magnolia Facility	Mississippi	55451	CTG-1	24	24	24	24	24	24
Magnolia Facility	Mississippi	55451	CTG-2	23	23	23	23	23	23
Magnolia Facility	Mississippi	55451	CTG-3	28	28	28	28	28	28
Moselle Generating Plant	Mississippi	2070	**4	3	3	3	3	3	3
Moselle Generating Plant	Mississippi	2070	1	61	61	61	61	61	61
Moselle Generating Plant	Mississippi	2070	2	46	46	46	46	46	46
Moselle Generating Plant	Mississippi	2070	3	55	55	55	55	55	55
Moselle Generating Plant	Mississippi	2070	5	1	1	1	1	1	1
R D Morrow Senior Generating Plant	Mississippi	6061	1	666	666	666	666	666	666
R D Morrow Senior Generating Plant	Mississippi	6061	2	690	690	690	690	690	690
Red Hills Generation Facility	Mississippi	55076	AA001	657	657	657	657	657	657

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Red Hills Generation Facility	Mississippi	55076	AA002	653	653	653	653	653	653
Rex Brown	Mississippi	2053	3	11	11	11	11	11	11
Rex Brown	Mississippi	2053	4	183	183	183	183	183	183
Silver Creek Generating Plant	Mississippi	7988	1	5	5	5	5	5	5
Silver Creek Generating Plant	Mississippi	7988	2	9	9	9	9	9	9
Silver Creek Generating Plant	Mississippi	7988	3	8	8	8	8	8	8
Southaven Combined Cycle	Mississippi	55269	AA-001	29	29	29	29	29	29
Southaven Combined Cycle	Mississippi	55269	AA-002	32	32	32	32	32	32
Southaven Combined Cycle	Mississippi	55269	AA-003	75	75	75	75	75	75
Sweatt Electric Generating Plant	Mississippi	2048	1	5	5	5	5	5	5
Sweatt Electric Generating Plant	Mississippi	2048	2	5	5	5	5	5	5
Sweatt Electric Generating Plant	Mississippi	2048	CTA	0	0	0	0	0	0
Sweatt Electric Generating Plant	Mississippi	2048	CTB	0	0	0	0	0	0
Sylvarena Generating Plant	Mississippi	7989	1	13	13	13	13	13	13
Sylvarena Generating Plant	Mississippi	7989	2	19	19	19	19	19	19
Sylvarena Generating Plant	Mississippi	7989	3	21	21	21	21	21	21
Watson Electric Generating Plant	Mississippi	2049	1	7	7	7	7	7	7
Watson Electric Generating Plant	Mississippi	2049	2	8	8	8	8	8	8
Watson Electric Generating Plant	Mississippi	2049	3	8	8	8	8	8	8
Watson Electric Generating Plant	Mississippi	2049	4	683	683	683	683	683	683
Watson Electric Generating Plant	Mississippi	2049	5	1,470	1,470	1,470	1,470	1,470	1,470
Watson Electric Generating Plant	Mississippi	2049	CTA	0	0	0	0	0	0
Watson Electric Generating Plant	Mississippi	2049	CTB	0	0	0	0	0	0
Beatrice	Nebraska	8000	1						
Beatrice	Nebraska	8000	2						
C W Burdick	Nebraska	2241	B-3						
C W Burdick	Nebraska	2241	GT-2						
C W Burdick	Nebraska	2241	GT-3						
Canaday	Nebraska	2226	1						
Cass County Station	Nebraska	55972	CT1						
Cass County Station	Nebraska	55972	CT2						
Gerald Gentleman Station	Nebraska	6077	1						
Gerald Gentleman Station	Nebraska	6077	2						
Gerald Whelan Energy Center	Nebraska	60	1						
Hallam	Nebraska	2265	1						
Hebron	Nebraska	2266	1						
J Street	Nebraska	2250	1						

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Jones Street	Nebraska	2290	1						
Jones Street	Nebraska	2290	2						
Lon D Wright Power Plant	Nebraska	2240	50T						
Lon D Wright Power Plant	Nebraska	2240	8						
McCook	Nebraska	2271	1						
Nebraska City Station	Nebraska	6096	1						
Nebraska City Station	Nebraska	6096	2						
North Omaha Station	Nebraska	2291	1						
North Omaha Station	Nebraska	2291	2						
North Omaha Station	Nebraska	2291	3						
North Omaha Station	Nebraska	2291	4						
North Omaha Station	Nebraska	2291	5						
Platte	Nebraska	59	1						
Rokeby	Nebraska	6373	1						
Rokeby	Nebraska	6373	2						
Rokeby	Nebraska	6373	3						
Sarpy County	Nebraska	2292	1						
Sarpy County	Nebraska	2292	2						
Sarpy County Station	Nebraska	2292	CT3						
Sarpy County Station	Nebraska	2292	CT4A						
Sarpy County Station	Nebraska	2292	CT4B						
Sarpy County Station	Nebraska	2292	CT5A						
Sarpy County Station	Nebraska	2292	CT5B						
Sheldon	Nebraska	2277	1						
Sheldon	Nebraska	2277	2						
Terry Bundy Generating Station	Nebraska	7887	SVGS2						
Terry Bundy Generating Station	Nebraska	7887	SVGS3						
Terry Bundy Generating Station	Nebraska	7887	SVGS4						
AES Red Oak	New Jersey	55239	1	29	29	29	29	29	29
AES Red Oak	New Jersey	55239	2	29	29	29	29	29	29
AES Red Oak	New Jersey	55239	3	33	33	33	33	33	33
B L England	New Jersey	2378	1	151	151	132	132	132	132
B L England	New Jersey	2378	2	134	134	118	118	118	118
B L England	New Jersey	2378	3	26	26	23	23	23	23
Bayonne Plant Holding, LLC	New Jersey	50497	001001	10	10	10	10	10	10
Bayonne Plant Holding, LLC	New Jersey	50497	002001	10	10	10	10	10	10
Bayonne Plant Holding, LLC	New Jersey	50497	004001	11	11	11	11	11	11

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Bergen	New Jersey	2398	1101	39	39	39	39	39	39
Bergen	New Jersey	2398	1201	39	39	39	39	39	39
Bergen	New Jersey	2398	1301	47	47	47	47	47	47
Bergen	New Jersey	2398	1401	50	50	50	50	50	50
Bergen	New Jersey	2398	2101	19	19	19	19	19	19
Bergen	New Jersey	2398	2201	17	17	17	17	17	17
Burlington Generating Station	New Jersey	2399	12001	1	1	1	1	1	1
Burlington Generating Station	New Jersey	2399	121	13	13	11	11	11	11
Burlington Generating Station	New Jersey	2399	122	11	11	10	10	10	10
Burlington Generating Station	New Jersey	2399	123	13	13	11	11	11	11
Burlington Generating Station	New Jersey	2399	124	12	12	11	11	11	11
Burlington Generating Station	New Jersey	2399	14001	1	1	1	1	1	1
Burlington Generating Station	New Jersey	2399	16001	1	1	0	0	0	0
Burlington Generating Station	New Jersey	2399	18001	1	1	1	1	1	1
Burlington Generating Station	New Jersey	2399	28001	1	1	1	1	1	1
Burlington Generating Station	New Jersey	2399	30001	1	1	1	1	1	1
Burlington Generating Station	New Jersey	2399	32001	1	1	1	1	1	1
Burlington Generating Station	New Jersey	2399	34001	1	1	1	1	1	1
Camden Plant Holding, LLC	New Jersey	10751	002001	41	41	41	41	41	41
Carlls Corner Energy Center	New Jersey	2379	002001	10	10	9	9	9	9
Carlls Corner Energy Center	New Jersey	2379	003001	7	7	6	6	6	6
Carneys Point	New Jersey	10566	1001	239	239	209	209	209	209
Carneys Point	New Jersey	10566	1002	247	247	216	216	216	216
Cedar Energy Station	New Jersey	2380	002001	0	0	0	0	0	0
Cedar Energy Station	New Jersey	2380	003001	0	0	0	0	0	0
Cedar Energy Station	New Jersey	2380	004001	0	0	0	0	0	0
Cumberland Energy Center	New Jersey	5083	004001	15	15	13	13	13	13
Cumberland Energy Center	New Jersey	5083	05001	2	2	2	2	2	2
Deepwater	New Jersey	2384	1	5	5	4	4	4	4
Deepwater	New Jersey	2384	8	72	72	63	63	63	63
EFS Parlin Holdings, LLC	New Jersey	50799	001001	10	10	10	10	10	10
EFS Parlin Holdings, LLC	New Jersey	50799	003001	10	10	10	10	10	10
Edison	New Jersey	2400	1001	9	9	8	8	8	8
Edison	New Jersey	2400	11001	5	5	4	4	4	4
Edison	New Jersey	2400	13001	3	3	3	3	3	3
Edison	New Jersey	2400	15001	3	3	3	3	3	3
Edison	New Jersey	2400	17001	4	4	4	4	4	4

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Edison	New Jersey	2400	19001	5	5	5	5	5	5
Edison	New Jersey	2400	21001	4	4	4	4	4	4
Edison	New Jersey	2400	23001	5	5	4	4	4	4
Edison	New Jersey	2400	3001	6	6	6	6	6	6
Edison	New Jersey	2400	5001	6	6	6	6	6	6
Edison	New Jersey	2400	7001	6	6	5	5	5	5
Edison	New Jersey	2400	9001	4	4	4	4	4	4
Elmwood Park Power - LLC	New Jersey	50852	002001	8	8	7	7	7	7
Essex	New Jersey	2401	10001	8	8	7	7	7	7
Essex	New Jersey	2401	12001	8	8	7	7	7	7
Essex	New Jersey	2401	14001	7	7	6	6	6	6
Essex	New Jersey	2401	16001	7	7	6	6	6	6
Essex	New Jersey	2401	18001	6	6	6	6	6	6
Essex	New Jersey	2401	20001	6	6	5	5	5	5
Essex	New Jersey	2401	2001	9	9	7	7	7	7
Essex	New Jersey	2401	22001	8	8	7	7	7	7
Essex	New Jersey	2401	24001	7	7	6	6	6	6
Essex	New Jersey	2401	26001	7	7	6	6	6	6
Essex	New Jersey	2401	28001	8	8	7	7	7	7
Essex	New Jersey	2401	35001	14	14	12	12	12	12
Essex	New Jersey	2401	4001	9	9	8	8	8	8
Forked River	New Jersey	7138	002001	4	4	3	3	3	3
Forked River	New Jersey	7138	003001	3	3	3	3	3	3
Gilbert Generating Station	New Jersey	2393	04	4	4	4	4	4	4
Gilbert Generating Station	New Jersey	2393	05	4	4	3	3	3	3
Gilbert Generating Station	New Jersey	2393	06	4	4	3	3	3	3
Gilbert Generating Station	New Jersey	2393	07	4	4	3	3	3	3
Gilbert Generating Station	New Jersey	2393	9	4	4	3	3	3	3
Hudson Generating Station	New Jersey	2403	1	36	36	31	31	31	31
Hudson Generating Station	New Jersey	2403	2	520	520	455	455	455	455
Kearny Generating Station	New Jersey	2404	121	13	13	11	11	11	11
Kearny Generating Station	New Jersey	2404	122	14	14	12	12	12	12
Kearny Generating Station	New Jersey	2404	123	13	13	12	12	12	12
Kearny Generating Station	New Jersey	2404	124	15	15	13	13	13	13
Kearny Generating Station	New Jersey	2404	16001	4	4	4	4	4	4
Kearny Generating Station	New Jersey	2404	17001	5	5	4	4	4	4
Lakewood Cogeneration	New Jersey	54640	001001	14	14	14	14	14	14

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Lakewood Cogeneration	New Jersey	54640	002001	17	17	17	17	17	17
Linden Cogeneration Facility	New Jersey	50006	004001	14	14	14	14	14	14
Linden Cogeneration Facility	New Jersey	50006	005001	40	40	40	40	40	40
Linden Cogeneration Facility	New Jersey	50006	006001	39	39	39	39	39	39
Linden Cogeneration Facility	New Jersey	50006	007001	40	40	40	40	40	40
Linden Cogeneration Facility	New Jersey	50006	008001	39	39	39	39	39	39
Linden Cogeneration Facility	New Jersey	50006	009001	38	38	38	38	38	38
Linden Generating Station	New Jersey	2406	1101	53	53	53	53	53	53
Linden Generating Station	New Jersey	2406	1201	28	28	28	28	28	28
Linden Generating Station	New Jersey	2406	2101	30	30	30	30	30	30
Linden Generating Station	New Jersey	2406	2201	19	19	19	19	19	19
Linden Generating Station	New Jersey	2406	5	10	10	10	10	10	10
Linden Generating Station	New Jersey	2406	6	10	10	10	10	10	10
Linden Generating Station	New Jersey	2406	7	8	8	8	8	8	8
Linden Generating Station	New Jersey	2406	8	8	8	8	8	8	8
Logan Generating Plant	New Jersey	10043	1001	327	327	286	286	286	286
Mercer Generating Station	New Jersey	2408	1	375	375	328	328	328	328
Mercer Generating Station	New Jersey	2408	2	304	304	266	266	266	266
Mercer Generating Station	New Jersey	2408	7001	0	0	0	0	0	0
Mickleton Energy Center	New Jersey	8008	001001	4	4	3	3	3	3
Middle Energy Center	New Jersey	2382	005001	2	2	2	2	2	2
Newark Bay Cogen	New Jersey	50385	1001	12	12	12	12	12	12
Newark Bay Cogen	New Jersey	50385	2001	12	12	12	12	12	12
North Jersey Energy Associates	New Jersey	10308	1001	105	105	92	92	92	92
North Jersey Energy Associates	New Jersey	10308	1002	110	110	96	96	96	96
Ocean Peaking Power, LP	New Jersey	55938	OPP3	17	17	17	17	17	17
Ocean Peaking Power, LP	New Jersey	55938	OPP4	14	14	14	14	14	14
Pedricktown Cogeneration Plant	New Jersey	10099	001001	22	22	22	22	22	22
Salem	New Jersey	2410	2001	0	0	0	0	0	0
Sayreville	New Jersey	2390	012001	2	2	2	2	2	2
Sayreville	New Jersey	2390	014001	3	3	2	2	2	2
Sayreville	New Jersey	2390	015001	3	3	2	2	2	2
Sayreville	New Jersey	2390	016001	3	3	3	3	3	3
Sewaren Generating Station	New Jersey	2411	1	12	12	10	10	10	10
Sewaren Generating Station	New Jersey	2411	12001	0	0	0	0	0	0
Sewaren Generating Station	New Jersey	2411	2	15	15	13	13	13	13
Sewaren Generating Station	New Jersey	2411	3	22	22	19	19	19	19

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Sewaren Generating Station	New Jersey	2411	4	33	33	28	28	28	28
Sherman Avenue	New Jersey	7288	1	17	17	14	14	14	14
Sunoco Power Generation, LLC	New Jersey	50561	0001	17	17	17	17	17	17
Sunoco Power Generation, LLC	New Jersey	50561	0002	20	20	20	20	20	20
Werner	New Jersey	2385	009001	1	1	1	1	1	1
Werner	New Jersey	2385	010001	2	2	1	1	1	1
Werner	New Jersey	2385	011001	1	1	1	1	1	1
Werner	New Jersey	2385	012001	1	1	1	1	1	1
West Station	New Jersey	6776	002001	4	4	4	4	4	4
23rd and 3rd	New York	7910	2301	3	3	3	3	3	3
23rd and 3rd	New York	7910	2302	3	3	3	3	3	3
74th Street	New York	2504	120	14	14	14	14	14	14
74th Street	New York	2504	121	20	20	20	20	20	20
74th Street	New York	2504	122	15	15	15	15	15	15
AES Cayuga, LLC	New York	2535	1	213	213	213	213	213	213
AES Cayuga, LLC	New York	2535	2	201	201	201	201	201	201
AES Greenidge	New York	2527	4	9	9	9	9	9	9
AES Greenidge	New York	2527	5	9	9	9	9	9	9
AES Greenidge	New York	2527	6	117	117	117	117	117	117
AES Somerset (Kintigh)	New York	6082	1	913	913	913	913	913	913
AES Westover (Goudey)	New York	2526	13	82	82	82	82	82	82
AG - Energy	New York	10803	1	1	1	1	1	1	1
AG - Energy	New York	10803	2	0	0	0	0	0	0
Allegany Station No. 133	New York	10619	00001	9	9	9	9	9	9
Arthur Kill	New York	2490	20	197	197	197	197	197	197
Arthur Kill	New York	2490	30	205	205	205	205	205	205
Astoria Energy	New York	55375	CT1	35	35	35	35	35	35
Astoria Energy	New York	55375	CT2	37	37	37	37	37	37
Astoria Gas Turbine Power	New York	55243	CT2-1A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-1B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-2A	2	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-2B	2	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-3A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-3B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-4A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-4B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-1A	2	2	2	2	2	2

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Astoria Gas Turbine Power	New York	55243	CT3-1B	2	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-2A	2	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-2B	2	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-3A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-3B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-4A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-4B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-1A	2	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-1B	2	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-2A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-2B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-3A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-3B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-4A	2	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-4B	2	2	2	2	2	2
Astoria Generating Station	New York	8906	20	20	20	20	20	20	20
Astoria Generating Station	New York	8906	31RH	88	88	88	88	88	88
Astoria Generating Station	New York	8906	32SH	79	79	79	79	79	79
Astoria Generating Station	New York	8906	41SH	79	79	79	79	79	79
Astoria Generating Station	New York	8906	42RH	65	65	65	65	65	65
Astoria Generating Station	New York	8906	51RH	67	67	67	67	67	67
Astoria Generating Station	New York	8906	52SH	64	64	64	64	64	64
Athens Generating Company	New York	55405	1	50	50	50	50	50	50
Athens Generating Company	New York	55405	2	56	56	56	56	56	56
Athens Generating Company	New York	55405	3	50	50	50	50	50	50
Batavia Energy	New York	54593	1	8	8	8	8	8	8
Bayswater Peaking Facility	New York	55699	1	9	9	9	9	9	9
Bayswater Peaking Facility	New York	55699	2	6	6	6	6	6	6
Bethlehem Energy Center (Albany)	New York	2539	10001	21	21	21	21	21	21
Bethlehem Energy Center (Albany)	New York	2539	10002	16	16	16	16	16	16
Bethlehem Energy Center (Albany)	New York	2539	10003	18	18	18	18	18	18
Bethpage Energy Center	New York	50292	GT1	14	14	14	14	14	14
Bethpage Energy Center	New York	50292	GT2	11	11	11	11	11	11
Bethpage Energy Center	New York	50292	GT3	6	6	6	6	6	6
Bethpage Energy Center	New York	50292	GT4	12	12	12	12	12	12
Binghamton Cogen Plant	New York	55600	1	3	3	3	3	3	3
Black River Generation, LLC	New York	10464	E0001	35	35	35	35	35	35

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Black River Generation, LLC	New York	10464	E0002	36	36	36	36	36	36
Black River Generation, LLC	New York	10464	E0003	36	36	36	36	36	36
Bowline Generating Station	New York	2625	1	102	102	102	102	102	102
Bowline Generating Station	New York	2625	2	48	48	48	48	48	48
Brentwood	New York	7912	BW01	3	3	3	3	3	3
Brooklyn Navy Yard Cogeneration	New York	54914	1	15	15	15	15	15	15
Brooklyn Navy Yard Cogeneration	New York	54914	2	14	14	14	14	14	14
Caithness Long Island Energy Center	New York	56234	0001	19	19	19	19	19	19
Carr Street Generating Station	New York	50978	A	3	3	3	3	3	3
Carr Street Generating Station	New York	50978	B	3	3	3	3	3	3
Carthage Energy	New York	10620	1	4	4	4	4	4	4
Castleton Power, LLC	New York	10190	1	32	32	32	32	32	32
Charles Poletti	New York	2491	001	481	481	481	481	481	481
Dynegy Danskammer	New York	2480	1	3	3	3	3	3	3
Dynegy Danskammer	New York	2480	2	4	4	4	4	4	4
Dynegy Danskammer	New York	2480	3	173	173	173	173	173	173
Dynegy Danskammer	New York	2480	4	291	291	291	291	291	291
Dynegy Roseton	New York	8006	1	76	76	76	76	76	76
Dynegy Roseton	New York	8006	2	82	82	82	82	82	82
E F Barrett	New York	2511	10	177	177	177	177	177	177
E F Barrett	New York	2511	20	159	159	159	159	159	159
E F Barrett	New York	2511	U00012	3	3	3	3	3	3
E F Barrett	New York	2511	U00013	3	3	3	3	3	3
E F Barrett	New York	2511	U00014	2	2	2	2	2	2
E F Barrett	New York	2511	U00015	2	2	2	2	2	2
E F Barrett	New York	2511	U00016	3	3	3	3	3	3
E F Barrett	New York	2511	U00017	3	3	3	3	3	3
E F Barrett	New York	2511	U00018	3	3	3	3	3	3
E F Barrett	New York	2511	U00019	3	3	3	3	3	3
East River	New York	2493	1	20	20	20	20	20	20
East River	New York	2493	2	22	22	22	22	22	22
East River	New York	2493	60	137	137	137	137	137	137
East River	New York	2493	70	133	133	133	133	133	133
Edgewood Energy	New York	55786	CT01	2	2	2	2	2	2
Edgewood Energy	New York	55786	CT02	2	2	2	2	2	2
Equus Power I	New York	56032	0001	15	15	15	15	15	15
Far Rockaway	New York	2513	40	78	78	78	78	78	78

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Fortistar North Tonawanda Inc	New York	54131	NTCT1	4	4	4	4	4	4
Freeport Power Plant No. 2	New York	2679	5	3	3	3	3	3	3
Glenwood	New York	2514	40	57	57	57	57	57	57
Glenwood	New York	2514	50	46	46	46	46	46	46
Glenwood	New York	2514	U00020	1	1	1	1	1	1
Glenwood	New York	2514	U00021	1	1	1	1	1	1
Glenwood Landing Energy Center	New York	7869	UGT012	3	3	3	3	3	3
Glenwood Landing Energy Center	New York	7869	UGT013	3	3	3	3	3	3
Harlem River Yard	New York	7914	HR01	3	3	3	3	3	3
Harlem River Yard	New York	7914	HR02	2	2	2	2	2	2
Hawkeye Energy Greenport, LLC	New York	55969	U-01	10	10	10	10	10	10
Hell Gate	New York	7913	HG01	3	3	3	3	3	3
Hell Gate	New York	7913	HG02	3	3	3	3	3	3
Hillburn	New York	2628	001	0	0	0	0	0	0
Holtsville Facility	New York	8007	U00001	1	1	1	1	1	1
Holtsville Facility	New York	8007	U00002	1	1	1	1	1	1
Holtsville Facility	New York	8007	U00003	1	1	1	1	1	1
Holtsville Facility	New York	8007	U00004	1	1	1	1	1	1
Holtsville Facility	New York	8007	U00005	1	1	1	1	1	1
Holtsville Facility	New York	8007	U00006	1	1	1	1	1	1
Holtsville Facility	New York	8007	U00007	1	1	1	1	1	1
Holtsville Facility	New York	8007	U00008	1	1	1	1	1	1
Holtsville Facility	New York	8007	U00009	1	1	1	1	1	1
Holtsville Facility	New York	8007	U00010	1	1	1	1	1	1
Holtsville Facility	New York	8007	U00011	3	3	3	3	3	3
Holtsville Facility	New York	8007	U00012	3	3	3	3	3	3
Holtsville Facility	New York	8007	U00013	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00014	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00015	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00016	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00017	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00018	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00019	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00020	2	2	2	2	2	2
Huntley Power	New York	2549	67	219	219	219	219	219	219
Huntley Power	New York	2549	68	256	256	256	256	256	256
Indeck-Corinth Energy Center	New York	50458	1	45	45	45	45	45	45

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Indeck-Olean Energy Center	New York	54076	1	17	17	17	17	17	17
Indeck-Oswego Energy Center	New York	50450	1	2	2	2	2	2	2
Indeck-Silver Springs Energy Center	New York	50449	1	17	17	17	17	17	17
Indeck-Yerkes Energy Center	New York	50451	1	4	4	4	4	4	4
Independence	New York	54547	1	27	27	27	27	27	27
Independence	New York	54547	2	26	26	26	26	26	26
Independence	New York	54547	3	28	28	28	28	28	28
Independence	New York	54547	4	26	26	26	26	26	26
KIAC Cogeneration	New York	54114	GT1	28	28	28	28	28	28
KIAC Cogeneration	New York	54114	GT2	25	25	25	25	25	25
Lockport	New York	54041	011854	30	30	30	30	30	30
Lockport	New York	54041	011855	29	29	29	29	29	29
Lockport	New York	54041	011856	29	29	29	29	29	29
Massena Energy Facility	New York	54592	001	1	1	1	1	1	1
NRG Dunkirk Power	New York	2554	1	116	116	116	116	116	116
NRG Dunkirk Power	New York	2554	2	132	132	132	132	132	132
NRG Dunkirk Power	New York	2554	3	211	211	211	211	211	211
NRG Dunkirk Power	New York	2554	4	212	212	212	212	212	212
Nassau Energy Corporation	New York	52056	00004	80	80	80	80	80	80
Niagara Generation, LLC	New York	50202	1	64	64	64	64	64	64
Nissequogue Cogen	New York	54149	1	59	59	59	59	59	59
North 1st	New York	7915	NO1	3	3	3	3	3	3
Northport	New York	2516	1	305	305	305	305	305	305
Northport	New York	2516	2	289	289	289	289	289	289
Northport	New York	2516	3	272	272	272	272	272	272
Northport	New York	2516	4	309	309	309	309	309	309
Oswego Harbor Power	New York	2594	5	18	18	18	18	18	18
Oswego Harbor Power	New York	2594	6	14	14	14	14	14	14
Pinelawn Power	New York	56188	00001	6	6	6	6	6	6
Poletti 500 MW CC	New York	56196	CTG7A	17	17	17	17	17	17
Poletti 500 MW CC	New York	56196	CTG7B	18	18	18	18	18	18
Port Jefferson Energy Center	New York	2517	3	120	120	120	120	120	120
Port Jefferson Energy Center	New York	2517	4	135	135	135	135	135	135
Port Jefferson Energy Center	New York	2517	UGT002	3	3	3	3	3	3
Port Jefferson Energy Center	New York	2517	UGT003	3	3	3	3	3	3
Pouch Terminal	New York	8053	PT01	4	4	4	4	4	4
Project Orange Facility	New York	54425	001	20	20	20	20	20	20

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Project Orange Facility	New York	54425	002	31	31	31	31	31	31
Ravenswood Generating Station	New York	2500	10	252	252	252	252	252	252
Ravenswood Generating Station	New York	2500	20	163	163	163	163	163	163
Ravenswood Generating Station	New York	2500	30	486	486	486	486	486	486
Ravenswood Generating Station	New York	2500	CT02-1	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-2	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-3	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-4	1	1	1	1	1	1
Ravenswood Generating Station	New York	2500	CT03-1	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-2	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-3	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-4	1	1	1	1	1	1
Ravenswood Generating Station	New York	2500	UCC001	21	21	21	21	21	21
Rensselaer Cogen	New York	54034	1GTDBS	4	4	4	4	4	4
Richard M Flynn (Holtsville)	New York	7314	001	60	60	60	60	60	60
S A Carlson	New York	2682	10	3	3	3	3	3	3
S A Carlson	New York	2682	11	0	0	0	0	0	0
S A Carlson	New York	2682	12	23	23	23	23	23	23
S A Carlson	New York	2682	20	5	5	5	5	5	5
S A Carlson	New York	2682	9	14	14	14	14	14	14
Saranac Power Partners, LP	New York	54574	00001	56	56	56	56	56	56
Saranac Power Partners, LP	New York	54574	00002	56	56	56	56	56	56
Selkirk Cogen Partners	New York	10725	CTG101	108	108	108	108	108	108
Selkirk Cogen Partners	New York	10725	CTG201	41	41	41	41	41	41
Selkirk Cogen Partners	New York	10725	CTG301	40	40	40	40	40	40
Shoemaker	New York	2632	1	2	2	2	2	2	2
Shoreham Energy	New York	55787	CT01	2	2	2	2	2	2
Shoreham Energy	New York	55787	CT02	2	2	2	2	2	2
Sterling Power Plant	New York	50744	00001	3	3	3	3	3	3
Syracuse Energy Corporation	New York	50651	BLR1	25	25	25	25	25	25
Syracuse Energy Corporation	New York	50651	BLR2	26	26	26	26	26	26
Syracuse Energy Corporation	New York	50651	BLR3	24	24	24	24	24	24
Syracuse Energy Corporation	New York	50651	BLR4	17	17	17	17	17	17
Syracuse Energy Corporation	New York	50651	BLR5	19	19	19	19	19	19
Vernon Boulevard	New York	7909	VB01	2	2	2	2	2	2
Vernon Boulevard	New York	7909	VB02	2	2	2	2	2	2
WPS Beaver Falls Generation, LLC	New York	10617	1	6	6	6	6	6	6

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
WPS Syracuse Generation, LLC	New York	10621	1	6	6	6	6	6	6
Wading River Facility	New York	7146	UGT007	13	13	13	13	13	13
Wading River Facility	New York	7146	UGT008	13	13	13	13	13	13
Wading River Facility	New York	7146	UGT009	13	13	13	13	13	13
Wading River Facility	New York	7146	UGT013	1	1	1	1	1	1
West Babylon Facility	New York	2521	UGT001	1	1	1	1	1	1
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1		0	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1		0	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1		0	0	0	0	0
Ashtabula	Ohio	2835	7		462	432	432	432	432
Avon Lake Power Plant	Ohio	2836	10		95	89	89	89	89
Avon Lake Power Plant	Ohio	2836	12		823	769	769	769	769
Avon Lake Power Plant	Ohio	2836	CT10		1	1	1	1	1
Bay Shore	Ohio	2878	1		393	388	388	388	388
Bay Shore	Ohio	2878	2		280	261	261	261	261
Bay Shore	Ohio	2878	3		283	264	264	264	264
Bay Shore	Ohio	2878	4		456	426	426	426	426
Cardinal	Ohio	2828	1		1,076	1,006	1,006	1,006	1,006
Cardinal	Ohio	2828	2		696	696	696	696	696
Cardinal	Ohio	2828	3		1,069	1,069	1,069	1,069	1,069
Conesville	Ohio	2840	3		202	189	189	189	189
Conesville	Ohio	2840	4		1,292	1,208	1,208	1,208	1,208
Conesville	Ohio	2840	5		834	779	779	779	779
Conesville	Ohio	2840	6		718	671	671	671	671
Darby Electric Generating Station	Ohio	55247	CT1		3	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT2		2	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT3		2	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT4		2	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT5		3	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT6		2	2	2	2	2
Dicks Creek Station	Ohio	2831	1		1	1	1	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1		19	19	19	19	19
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2		16	16	16	16	16
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3		17	17	17	17	17
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4		15	15	15	15	15
Duke Energy Washington, II LLC	Ohio	55397	CT1		13	13	13	13	13
Duke Energy Washington, II LLC	Ohio	55397	CT2		20	20	20	20	20

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
Eastlake	Ohio	2837	1		237	221	221	221	221
Eastlake	Ohio	2837	2		242	226	226	226	226
Eastlake	Ohio	2837	3		236	220	220	220	220
Eastlake	Ohio	2837	4		462	432	432	432	432
Eastlake	Ohio	2837	5		1,182	1,105	1,105	1,105	1,105
Eastlake	Ohio	2837	6		1	1	1	1	1
Frank M Tait Station	Ohio	2847	1		4	4	4	4	4
Frank M Tait Station	Ohio	2847	2		4	4	4	4	4
Frank M Tait Station	Ohio	2847	3		3	3	3	3	3
Gen J M Gavin	Ohio	8102	1		2,648	2,475	2,475	2,475	2,475
Gen J M Gavin	Ohio	8102	2		2,594	2,594	2,594	2,594	2,594
Greenville Electric Gen Station	Ohio	55228	G1CT1		3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G1CT2		3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT1		3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT2		3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT1		3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT2		3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT1		3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT2		3	3	3	3	3
Hamilton Municipal Power Plant	Ohio	2917	9		112	104	104	104	104
J M Stuart	Ohio	2850	1		1,173	1,097	1,097	1,097	1,097
J M Stuart	Ohio	2850	2		1,091	1,020	1,020	1,020	1,020
J M Stuart	Ohio	2850	3		1,139	1,065	1,065	1,065	1,065
J M Stuart	Ohio	2850	4		1,081	1,010	1,010	1,010	1,010
Killen Station	Ohio	6031	2		1,264	1,182	1,182	1,182	1,182
Kyger Creek	Ohio	2876	1		403	377	377	377	377
Kyger Creek	Ohio	2876	2		398	372	372	372	372
Kyger Creek	Ohio	2876	3		387	362	362	362	362
Kyger Creek	Ohio	2876	4		416	389	389	389	389
Kyger Creek	Ohio	2876	5		412	386	386	386	386
Lake Shore	Ohio	2838	18		340	318	318	318	318
Mad River	Ohio	2860	A		1	1	1	1	1
Mad River	Ohio	2860	B		1	1	1	1	1
Madison Generating Station	Ohio	55110	1		8	8	8	8	8
Madison Generating Station	Ohio	55110	2		9	9	9	9	9
Madison Generating Station	Ohio	55110	3		8	8	8	8	8
Madison Generating Station	Ohio	55110	4		8	8	8	8	8

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
Madison Generating Station	Ohio	55110	5		6	6	6	6	6
Madison Generating Station	Ohio	55110	6		6	6	6	6	6
Madison Generating Station	Ohio	55110	7		6	6	6	6	6
Madison Generating Station	Ohio	55110	8		7	7	7	7	7
Miami Fort Generating Station	Ohio	2832	6		303	283	283	283	283
Miami Fort Generating Station	Ohio	2832	7		1,081	1,011	1,011	1,011	1,011
Miami Fort Generating Station	Ohio	2832	8		1,014	948	948	948	948
Muskingum River	Ohio	2872	1		279	261	261	261	261
Muskingum River	Ohio	2872	2		321	300	300	300	300
Muskingum River	Ohio	2872	3		292	273	273	273	273
Muskingum River	Ohio	2872	4		295	276	276	276	276
Muskingum River	Ohio	2872	5		968	905	905	905	905
Niles	Ohio	2861	1		163	153	153	153	153
Niles	Ohio	2861	2		134	125	125	125	125
Niles	Ohio	2861	CTA		0	0	0	0	0
O H Hutchings	Ohio	2848	H-1		4	3	3	3	3
O H Hutchings	Ohio	2848	H-2		5	5	5	5	5
O H Hutchings	Ohio	2848	H-3		36	34	34	34	34
O H Hutchings	Ohio	2848	H-4		41	39	39	39	39
O H Hutchings	Ohio	2848	H-5		45	42	42	42	42
O H Hutchings	Ohio	2848	H-6		43	40	40	40	40
O H Hutchings	Ohio	2848	H-7		0	0	0	0	0
Omega JV2 Bowling Green	Ohio	7783	P001		1	1	1	1	1
Omega JV2 Hamilton	Ohio	7782	P001		1	1	1	1	1
Picway	Ohio	2843	9		125	117	117	117	117
R E Burger	Ohio	2864	5		11	11	11	11	11
R E Burger	Ohio	2864	6		11	11	11	11	11
R E Burger	Ohio	2864	7		263	246	246	246	246
R E Burger	Ohio	2864	8		270	252	252	252	252
Richard Gorsuch	Ohio	7253	1		0	0	0	0	0
Richard Gorsuch	Ohio	7253	2		0	0	0	0	0
Richard Gorsuch	Ohio	7253	3		0	0	0	0	0
Richard Gorsuch	Ohio	7253	4		0	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG4		14	14	14	14	14
Richland Peaking Station	Ohio	2880	CTG5		14	14	14	14	14
Richland Peaking Station	Ohio	2880	CTG6		13	13	13	13	13
Robert P Mone	Ohio	7872	1		5	5	5	5	5

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Robert P Mone	Ohio	7872	2		4	4	4	4	4
Robert P Mone	Ohio	7872	3		5	5	5	5	5
Rolling Hills Generating LLC	Ohio	55401	CT-1		3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-2		3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-3		3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-4		3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-5		3	3	3	3	3
Tait Electric Generating Station	Ohio	55248	CT4		4	4	4	4	4
Tait Electric Generating Station	Ohio	55248	CT5		4	4	4	4	4
Tait Electric Generating Station	Ohio	55248	CT6		3	3	3	3	3
Tait Electric Generating Station	Ohio	55248	CT7		4	4	4	4	4
Troy Energy, LLC	Ohio	55348	1		8	8	8	8	8
Troy Energy, LLC	Ohio	55348	2		7	7	7	7	7
Troy Energy, LLC	Ohio	55348	3		6	6	6	6	6
Troy Energy, LLC	Ohio	55348	4		7	7	7	7	7
W H Sammis	Ohio	2866	1		371	347	347	347	347
W H Sammis	Ohio	2866	2		353	330	330	330	330
W H Sammis	Ohio	2866	3		320	299	299	299	299
W H Sammis	Ohio	2866	4		320	300	300	300	300
W H Sammis	Ohio	2866	5		559	522	522	522	522
W H Sammis	Ohio	2866	6		1,286	1,202	1,202	1,202	1,202
W H Sammis	Ohio	2866	7		1,286	1,203	1,203	1,203	1,203
W H Zimmer Generating Station	Ohio	6019	1		2,339	2,187	2,187	2,187	2,187
Walter C Beckjord Generating Station	Ohio	2830	1		114	107	107	107	107
Walter C Beckjord Generating Station	Ohio	2830	2		128	120	120	120	120
Walter C Beckjord Generating Station	Ohio	2830	3		185	173	173	173	173
Walter C Beckjord Generating Station	Ohio	2830	4		255	238	238	238	238
Walter C Beckjord Generating Station	Ohio	2830	5		326	304	304	304	304
Walter C Beckjord Generating Station	Ohio	2830	6		726	678	678	678	678
Walter C Beckjord Generating Station	Ohio	2830	CT1		2	2	2	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT2		2	2	2	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT3		1	1	1	1	1
Walter C Beckjord Generating Station	Ohio	2830	CT4		1	1	1	1	1
Waterford Plant	Ohio	55503	1		24	24	24	24	24
Waterford Plant	Ohio	55503	2		27	27	27	27	27
Waterford Plant	Ohio	55503	3		33	33	33	33	33
West Lorain	Ohio	2869	1A		3	3	3	3	3

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West Lorain	Ohio	2869	1B		3	3	3	3	3
West Lorain	Ohio	2869	2		4	4	4	4	4
West Lorain	Ohio	2869	3		3	3	3	3	3
West Lorain	Ohio	2869	4		3	3	3	3	3
West Lorain	Ohio	2869	5		2	2	2	2	2
West Lorain	Ohio	2869	6		2	2	2	2	2
Woodsdale	Ohio	7158	**GT1		10	10	10	10	10
Woodsdale	Ohio	7158	**GT2		4	3	3	3	3
Woodsdale	Ohio	7158	**GT3		12	12	12	12	12
Woodsdale	Ohio	7158	**GT4		6	6	6	6	6
Woodsdale	Ohio	7158	**GT5		11	10	10	10	10
Woodsdale	Ohio	7158	**GT6		11	10	10	10	10
Allen	Tennessee	3393	1						
Allen	Tennessee	3393	2						
Allen	Tennessee	3393	3						
Allen	Tennessee	3393	ACT17						
Allen	Tennessee	3393	ACT18						
Allen	Tennessee	3393	ACT19						
Allen	Tennessee	3393	ACT20						
Brownsville CT	Tennessee	55081	AA-001						
Brownsville CT	Tennessee	55081	AA-002						
Brownsville CT	Tennessee	55081	AA-003						
Brownsville CT	Tennessee	55081	AA-004						
Bull Run	Tennessee	3396	1						
Cumberland	Tennessee	3399	1						
Cumberland	Tennessee	3399	2						
Gallatin	Tennessee	3403	1						
Gallatin	Tennessee	3403	2						
Gallatin	Tennessee	3403	3						
Gallatin	Tennessee	3403	4						
Gallatin	Tennessee	3403	GCT1						
Gallatin	Tennessee	3403	GCT2						
Gallatin	Tennessee	3403	GCT3						
Gallatin	Tennessee	3403	GCT4						
Gallatin	Tennessee	3403	GCT5						
Gallatin	Tennessee	3403	GCT6						
Gallatin	Tennessee	3403	GCT7						

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
Gallatin	Tennessee	3403	GCT8						
Gleason Generating Facility	Tennessee	55251	CTG-1						
Gleason Generating Facility	Tennessee	55251	CTG-2						
Gleason Generating Facility	Tennessee	55251	CTG-3						
John Sevier	Tennessee	3405	1						
John Sevier	Tennessee	3405	2						
John Sevier	Tennessee	3405	3						
John Sevier	Tennessee	3405	4						
Johnsonville	Tennessee	3406	1						
Johnsonville	Tennessee	3406	10						
Johnsonville	Tennessee	3406	2						
Johnsonville	Tennessee	3406	3						
Johnsonville	Tennessee	3406	4						
Johnsonville	Tennessee	3406	5						
Johnsonville	Tennessee	3406	6						
Johnsonville	Tennessee	3406	7						
Johnsonville	Tennessee	3406	8						
Johnsonville	Tennessee	3406	9						
Johnsonville	Tennessee	3406	JCT1						
Johnsonville	Tennessee	3406	JCT10						
Johnsonville	Tennessee	3406	JCT11						
Johnsonville	Tennessee	3406	JCT12						
Johnsonville	Tennessee	3406	JCT13						
Johnsonville	Tennessee	3406	JCT14						
Johnsonville	Tennessee	3406	JCT15						
Johnsonville	Tennessee	3406	JCT16						
Johnsonville	Tennessee	3406	JCT17						
Johnsonville	Tennessee	3406	JCT18						
Johnsonville	Tennessee	3406	JCT19						
Johnsonville	Tennessee	3406	JCT2						
Johnsonville	Tennessee	3406	JCT20						
Johnsonville	Tennessee	3406	JCT3						
Johnsonville	Tennessee	3406	JCT4						
Johnsonville	Tennessee	3406	JCT5						
Johnsonville	Tennessee	3406	JCT6						
Johnsonville	Tennessee	3406	JCT7						
Johnsonville	Tennessee	3406	JCT8						

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Johnsonville	Tennessee	3406	JCT9						
Kingston	Tennessee	3407	1						
Kingston	Tennessee	3407	2						
Kingston	Tennessee	3407	3						
Kingston	Tennessee	3407	4						
Kingston	Tennessee	3407	5						
Kingston	Tennessee	3407	6						
Kingston	Tennessee	3407	7						
Kingston	Tennessee	3407	8						
Kingston	Tennessee	3407	9						
Lagoon Creek	Tennessee	7845	LCT1						
Lagoon Creek	Tennessee	7845	LCT10						
Lagoon Creek	Tennessee	7845	LCT11						
Lagoon Creek	Tennessee	7845	LCT12						
Lagoon Creek	Tennessee	7845	LCT2						
Lagoon Creek	Tennessee	7845	LCT3						
Lagoon Creek	Tennessee	7845	LCT4						
Lagoon Creek	Tennessee	7845	LCT5						
Lagoon Creek	Tennessee	7845	LCT6						
Lagoon Creek	Tennessee	7845	LCT7						
Lagoon Creek	Tennessee	7845	LCT8						
Lagoon Creek	Tennessee	7845	LCT9						
AES Deepwater, Inc.	Texas	10670	01001	329	329	329	329	329	329
Air Products Port Arthur	Texas	55309	GEN1	51	51	51	51	51	51
Air Products Port Arthur	Texas	55309	GEN4	92	92	92	92	92	92
Alex Ty Cooke Generating Station	Texas	3602	1	33	33	33	33	33	33
Alex Ty Cooke Generating Station	Texas	3602	2	33	33	33	33	33	33
Barney M. Davis	Texas	4939	1	161	161	161	161	161	161
Barney M. Davis	Texas	4939	3	30	30	30	30	30	30
Barney M. Davis	Texas	4939	4	23	23	23	23	23	23
Bastrop Clean Energy Center	Texas	55168	CTG-1A	81	81	81	81	81	81
Bastrop Clean Energy Center	Texas	55168	CTG-1B	83	83	83	83	83	83
Bayou Cogeneration Plant	Texas	10298	CG801	47	47	47	47	47	47
Bayou Cogeneration Plant	Texas	10298	CG802	44	44	44	44	44	44
Bayou Cogeneration Plant	Texas	10298	CG803	45	45	45	45	45	45
Bayou Cogeneration Plant	Texas	10298	CG804	43	43	43	43	43	43
Baytown Energy Center	Texas	55327	CTG-1	50	50	50	50	50	50

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
Baytown Energy Center	Texas	55327	CTG-2	37	37	37	37	37	37
Baytown Energy Center	Texas	55327	CTG-3	36	36	36	36	36	36
Big Brown	Texas	3497	1	1,104	1,104	1,104	1,104	1,104	1,104
Big Brown	Texas	3497	2	1,070	1,070	1,070	1,070	1,070	1,070
Blackhawk Station	Texas	55064	001	107	107	107	107	107	107
Blackhawk Station	Texas	55064	002	112	112	112	112	112	112
Bosque County Power Plant	Texas	55172	GT-1	41	41	41	41	41	41
Bosque County Power Plant	Texas	55172	GT-2	48	48	48	48	48	48
Bosque County Power Plant	Texas	55172	GT-3	103	103	103	103	103	103
Brazos Valley Energy, LP	Texas	55357	CTG1	39	39	39	39	39	39
Brazos Valley Energy, LP	Texas	55357	CTG2	37	37	37	37	37	37
C E Newman	Texas	3574	BW5	3	3	3	3	3	3
C. R. Wing Cogeneration Plant	Texas	52176	1	97	97	97	97	97	97
C. R. Wing Cogeneration Plant	Texas	52176	2	106	106	106	106	106	106
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	97	97	97	97	97	97
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	89	89	89	89	89	89
Cedar Bayou	Texas	3460	CBY1	410	410	410	410	410	410
Cedar Bayou	Texas	3460	CBY2	375	375	375	375	375	375
Cedar Bayou 4	Texas	56806	CBY41	20	20	20	20	20	20
Cedar Bayou 4	Texas	56806	CBY42	15	15	15	15	15	15
Channel Energy Center	Texas	55299	CTG1	331	331	331	331	331	331
Channel Energy Center	Texas	55299	CTG2	88	88	88	88	88	88
Channelview Cogeneration Facility	Texas	55187	CHV1	36	36	36	36	36	36
Channelview Cogeneration Facility	Texas	55187	CHV2	37	37	37	37	37	37
Channelview Cogeneration Facility	Texas	55187	CHV3	38	38	38	38	38	38
Channelview Cogeneration Facility	Texas	55187	CHV4	37	37	37	37	37	37
Clear Lake Cogeneration	Texas	10741	G102	81	81	81	81	81	81
Clear Lake Cogeneration	Texas	10741	G103	76	76	76	76	76	76
Clear Lake Cogeneration	Texas	10741	G104	73	73	73	73	73	73
Coletto Creek	Texas	6178	1	1,150	1,150	1,150	1,150	1,150	1,150
Colorado Bend Energy Center	Texas	56350	CT1A	16	16	16	16	16	16
Colorado Bend Energy Center	Texas	56350	CT1B	12	12	12	12	12	12
Colorado Bend Energy Center	Texas	56350	CT2A	20	20	20	20	20	20
Colorado Bend Energy Center	Texas	56350	CT2B	20	20	20	20	20	20
Copper Station	Texas	9	CTG-1	9	9	9	9	9	9
Corpus Christi	Texas	50475	GEN1	108	108	108	108	108	108
Corpus Christi Energy Center	Texas	55206	CU1	91	91	91	91	91	91

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Corpus Christi Energy Center	Texas	55206	CU2	95	95	95	95	95	95
Cottonwood Energy Project	Texas	55358	CT1	39	39	39	39	39	39
Cottonwood Energy Project	Texas	55358	CT2	38	38	38	38	38	38
Cottonwood Energy Project	Texas	55358	CT3	35	35	35	35	35	35
Cottonwood Energy Project	Texas	55358	CT4	34	34	34	34	34	34
Decker Creek	Texas	3548	1	246	246	246	246	246	246
Decker Creek	Texas	3548	2	284	284	284	284	284	284
Decker Creek	Texas	3548	GT-1A	2	2	2	2	2	2
Decker Creek	Texas	3548	GT-1B	2	2	2	2	2	2
Decker Creek	Texas	3548	GT-2A	3	3	3	3	3	3
Decker Creek	Texas	3548	GT-2B	3	3	3	3	3	3
Decker Creek	Texas	3548	GT-3A	4	4	4	4	4	4
Decker Creek	Texas	3548	GT-3B	4	4	4	4	4	4
Decker Creek	Texas	3548	GT-4A	4	4	4	4	4	4
Decker Creek	Texas	3548	GT-4B	4	4	4	4	4	4
Decordova	Texas	8063	1	166	166	166	166	166	166
Decordova	Texas	8063	CT1	4	4	4	4	4	4
Decordova	Texas	8063	CT2	3	3	3	3	3	3
Decordova	Texas	8063	CT3	4	4	4	4	4	4
Decordova	Texas	8063	CT4	4	4	4	4	4	4
Deer Park Energy Center	Texas	55464	CTG1	33	33	33	33	33	33
Deer Park Energy Center	Texas	55464	CTG2	28	28	28	28	28	28
Deer Park Energy Center	Texas	55464	CTG3	40	40	40	40	40	40
Deer Park Energy Center	Texas	55464	CTG4	28	28	28	28	28	28
EG178 Facility	Texas	56233	CT02	28	28	28	28	28	28
EG178 Facility	Texas	56233	CTG1	28	28	28	28	28	28
Eastman Cogeneration Facility	Texas	55176	1	83	83	83	83	83	83
Eastman Cogeneration Facility	Texas	55176	2	74	74	74	74	74	74
Ennis Power Company, LLC	Texas	55223	GT-1	88	88	88	88	88	88
Exelon Laporte Generating Station	Texas	55365	GT-1	7	7	7	7	7	7
Exelon Laporte Generating Station	Texas	55365	GT-2	7	7	7	7	7	7
Exelon Laporte Generating Station	Texas	55365	GT-3	6	6	6	6	6	6
Exelon Laporte Generating Station	Texas	55365	GT-4	7	7	7	7	7	7
ExxonMobil Beaumont Refinery	Texas	50625	33	47	47	47	47	47	47
ExxonMobil Beaumont Refinery	Texas	50625	34	37	37	37	37	37	37
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	68	68	68	68	68	68
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	68	68	68	68	68	68

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	54	54	54	54	54	54
FPLE Forney, LP	Texas	55480	U1	87	87	87	87	87	87
FPLE Forney, LP	Texas	55480	U2	85	85	85	85	85	85
FPLE Forney, LP	Texas	55480	U3	86	86	86	86	86	86
FPLE Forney, LP	Texas	55480	U4	88	88	88	88	88	88
FPLE Forney, LP	Texas	55480	U5	95	95	95	95	95	95
FPLE Forney, LP	Texas	55480	U6	90	90	90	90	90	90
Freestone Power Generation	Texas	55226	GT1	85	85	85	85	85	85
Freestone Power Generation	Texas	55226	GT2	87	87	87	87	87	87
Freestone Power Generation	Texas	55226	GT3	88	88	88	88	88	88
Freestone Power Generation	Texas	55226	GT4	81	81	81	81	81	81
Frontera Generation Facility	Texas	55098	1	99	99	99	99	99	99
Frontera Generation Facility	Texas	55098	2	117	117	117	117	117	117
Gibbons Creek Steam Electric Station	Texas	6136	1	822	822	822	822	822	822
Graham	Texas	3490	1	53	53	53	53	53	53
Graham	Texas	3490	2	181	181	181	181	181	181
Greens Bayou	Texas	3464	GBY5	98	98	98	98	98	98
Greens Bayou	Texas	3464	GBY73	6	6	6	6	6	6
Greens Bayou	Texas	3464	GBY74	7	7	7	7	7	7
Greens Bayou	Texas	3464	GBY81	7	7	7	7	7	7
Greens Bayou	Texas	3464	GBY82	6	6	6	6	6	6
Greens Bayou	Texas	3464	GBY83	7	7	7	7	7	7
Greens Bayou	Texas	3464	GBY84	6	6	6	6	6	6
Gregory Power Facility	Texas	55086	101	126	126	126	126	126	126
Gregory Power Facility	Texas	55086	102	102	102	102	102	102	102
Guadalupe Generating Station	Texas	55153	CTG-1	139	139	139	139	139	139
Guadalupe Generating Station	Texas	55153	CTG-2	224	224	224	224	224	224
Guadalupe Generating Station	Texas	55153	CTG-3	207	207	207	207	207	207
Guadalupe Generating Station	Texas	55153	CTG-4	135	135	135	135	135	135
H W Pirkey Power Plant	Texas	7902	1	1,181	1,181	1,181	1,181	1,181	1,181
Handley Generating Station	Texas	3491	3	163	163	163	163	163	163
Handley Generating Station	Texas	3491	4	61	61	61	61	61	61
Handley Generating Station	Texas	3491	5	51	51	51	51	51	51
Hardin County Peaking Facility	Texas	56604	HCCT1	4	4	4	4	4	4
Hardin County Peaking Facility	Texas	56604	HCCT2	4	4	4	4	4	4
Harrington Station	Texas	6193	061B	663	663	663	663	663	663
Harrington Station	Texas	6193	062B	642	642	642	642	642	642

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
Harrington Station	Texas	6193	063B	633	633	633	633	633	633
Harrison County Power Project	Texas	55664	GT-1	25	25	25	25	25	25
Harrison County Power Project	Texas	55664	GT-2	77	77	77	77	77	77
Hays Energy Project	Texas	55144	STK1	35	35	35	35	35	35
Hays Energy Project	Texas	55144	STK2	34	34	34	34	34	34
Hays Energy Project	Texas	55144	STK3	49	49	49	49	49	49
Hays Energy Project	Texas	55144	STK4	114	114	114	114	114	114
J K Spruce	Texas	7097	**1	1,107	1,107	1,107	1,107	1,107	1,107
J K Spruce	Texas	7097	**2	455	455	455	455	455	455
J Robert Massengale Generating Station	Texas	3604	GT1	28	28	28	28	28	28
J T Deely	Texas	6181	1	852	852	852	852	852	852
J T Deely	Texas	6181	2	811	811	811	811	811	811
JCO Oxides Olefins Plant	Texas	54637	GCG1	76	76	76	76	76	76
JCO Oxides Olefins Plant	Texas	54637	GCG2	76	76	76	76	76	76
Jack County Generation Facility	Texas	55230	CT-1	47	47	47	47	47	47
Jack County Generation Facility	Texas	55230	CT-2	54	54	54	54	54	54
Johnson County Generation Facility	Texas	54817	EAST	93	93	93	93	93	93
Jones Station	Texas	3482	151B	264	264	264	264	264	264
Jones Station	Texas	3482	152B	270	270	270	270	270	270
Knox Lee Power Plant	Texas	3476	2	4	4	4	4	4	4
Knox Lee Power Plant	Texas	3476	3	5	5	5	5	5	5
Knox Lee Power Plant	Texas	3476	4	6	6	6	6	6	6
Knox Lee Power Plant	Texas	3476	5	124	124	124	124	124	124
Lake Creek	Texas	3502	1	5	5	5	5	5	5
Lake Creek	Texas	3502	2	41	41	41	41	41	41
Lake Hubbard	Texas	3452	1	81	81	81	81	81	81
Lake Hubbard	Texas	3452	2	40	40	40	40	40	40
Lamar Power (Paris)	Texas	55097	1	78	78	78	78	78	78
Lamar Power (Paris)	Texas	55097	2	88	88	88	88	88	88
Lamar Power (Paris)	Texas	55097	3	74	74	74	74	74	74
Lamar Power (Paris)	Texas	55097	4	82	82	82	82	82	82
Laredo	Texas	3439	4	7	7	7	7	7	7
Laredo	Texas	3439	5	7	7	7	7	7	7
Leon Creek	Texas	3609	3	3	3	3	3	3	3
Leon Creek	Texas	3609	4	6	6	6	6	6	6
Leon Creek	Texas	3609	CGT1	3	3	3	3	3	3
Leon Creek	Texas	3609	CGT2	3	3	3	3	3	3

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Leon Creek	Texas	3609	CGT3	3	3	3	3	3	3
Leon Creek	Texas	3609	CGT4	3	3	3	3	3	3
Lewis Creek	Texas	3457	1	76	76	76	76	76	76
Lewis Creek	Texas	3457	2	89	89	89	89	89	89
Limestone	Texas	298	LIM1	1,512	1,512	1,512	1,512	1,512	1,512
Limestone	Texas	298	LIM2	1,614	1,614	1,614	1,614	1,614	1,614
Lone Star Power Plant	Texas	3477	1	8	8	8	8	8	8
Lost Pines 1	Texas	55154	1	48	48	48	48	48	48
Lost Pines 1	Texas	55154	2	50	50	50	50	50	50
Magic Valley Generating Station	Texas	55123	CTG-1	101	101	101	101	101	101
Magic Valley Generating Station	Texas	55123	CTG-2	113	113	113	113	113	113
Martin Lake	Texas	6146	1	1,515	1,515	1,515	1,515	1,515	1,515
Martin Lake	Texas	6146	2	1,589	1,589	1,589	1,589	1,589	1,589
Martin Lake	Texas	6146	3	1,559	1,559	1,559	1,559	1,559	1,559
Midlothian Energy	Texas	55091	STK1	28	28	28	28	28	28
Midlothian Energy	Texas	55091	STK2	28	28	28	28	28	28
Midlothian Energy	Texas	55091	STK3	28	28	28	28	28	28
Midlothian Energy	Texas	55091	STK4	28	28	28	28	28	28
Midlothian Energy	Texas	55091	STK5	38	38	38	38	38	38
Midlothian Energy	Texas	55091	STK6	36	36	36	36	36	36
Monticello	Texas	6147	1	1,032	1,032	1,032	1,032	1,032	1,032
Monticello	Texas	6147	2	1,059	1,059	1,059	1,059	1,059	1,059
Monticello	Texas	6147	3	1,509	1,509	1,509	1,509	1,509	1,509
Moore County Station	Texas	3483	3	45	45	45	45	45	45
Morgan Creek	Texas	3492	5	8	8	8	8	8	8
Morgan Creek	Texas	3492	6	0	0	0	0	0	0
Morgan Creek	Texas	3492	CT1	3	3	3	3	3	3
Morgan Creek	Texas	3492	CT2	3	3	3	3	3	3
Morgan Creek	Texas	3492	CT3	3	3	3	3	3	3
Morgan Creek	Texas	3492	CT4	2	2	2	2	2	2
Morgan Creek	Texas	3492	CT5	3	3	3	3	3	3
Morgan Creek	Texas	3492	CT6	3	3	3	3	3	3
Mountain Creek Generating Station	Texas	3453	6	22	22	22	22	22	22
Mountain Creek Generating Station	Texas	3453	7	22	22	22	22	22	22
Mountain Creek Generating Station	Texas	3453	8	51	51	51	51	51	51
Mustang Station	Texas	55065	1	123	123	123	123	123	123
Mustang Station	Texas	55065	2	115	115	115	115	115	115

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Mustang Station Units 4 and 5	Texas	56326	GEN1	14	14	14	14	14	14
Mustang Station Units 4 and 5	Texas	56326	GEN2	11	11	11	11	11	11
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	95	95	95	95	95	95
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	95	95	95	95	95	95
New Gulf Power Facility	Texas	50137	1	9	9	9	9	9	9
Newman	Texas	3456	**4	137	137	137	137	137	137
Newman	Texas	3456	**5	134	134	134	134	134	134
Newman	Texas	3456	1	85	85	85	85	85	85
Newman	Texas	3456	2	99	99	99	99	99	99
Newman	Texas	3456	3	106	106	106	106	106	106
Newman	Texas	3456	GT-6A	17	17	17	17	17	17
Newman	Texas	3456	GT-6B	16	16	16	16	16	16
Nichols Station	Texas	3484	141B	80	80	80	80	80	80
Nichols Station	Texas	3484	142B	95	95	95	95	95	95
Nichols Station	Texas	3484	143B	182	182	182	182	182	182
Nueces Bay	Texas	3441	8	24	24	24	24	24	24
Nueces Bay	Texas	3441	9	23	23	23	23	23	23
O W Sommers	Texas	3611	1	268	268	268	268	268	268
O W Sommers	Texas	3611	2	244	244	244	244	244	244
Oak Grove	Texas	6180	1	898	898	898	898	898	898
Odessa-Ector Generating Station	Texas	55215	GT1	86	86	86	86	86	86
Odessa-Ector Generating Station	Texas	55215	GT2	74	74	74	74	74	74
Odessa-Ector Generating Station	Texas	55215	GT3	98	98	98	98	98	98
Odessa-Ector Generating Station	Texas	55215	GT4	93	93	93	93	93	93
Oklunion Power Station	Texas	127	1	1,029	1,029	1,029	1,029	1,029	1,029
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	144	144	144	144	144	144
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	148	148	148	148	148	148
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	120	120	120	120	120	120
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	126	126	126	126	126	126
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	125	125	125	125	125	125
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	58	58	58	58	58	58
Oyster Creek Unit VIII	Texas	54676	G81	108	108	108	108	108	108
Oyster Creek Unit VIII	Texas	54676	G82	108	108	108	108	108	108
Oyster Creek Unit VIII	Texas	54676	G83	108	108	108	108	108	108
Pampa Power Plant	Texas	7678	BL09A1	0	0	0	0	0	0
Pampa Power Plant	Texas	7678	BL10A1	0	0	0	0	0	0
Pampa Power Plant	Texas	7678	BL11A1	0	0	0	0	0	0

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Paris Energy Center	Texas	50109	HRSG1	78	78	78	78	78	78
Paris Energy Center	Texas	50109	HRSG2	75	75	75	75	75	75
Pasadena Power Plant	Texas	55047	CG-1	63	63	63	63	63	63
Pasadena Power Plant	Texas	55047	CG-2	81	81	81	81	81	81
Pasadena Power Plant	Texas	55047	CG-3	136	136	136	136	136	136
Permian Basin	Texas	3494	5	18	18	18	18	18	18
Permian Basin	Texas	3494	6	175	175	175	175	175	175
Permian Basin	Texas	3494	CT1	5	5	5	5	5	5
Permian Basin	Texas	3494	CT2	7	7	7	7	7	7
Permian Basin	Texas	3494	CT3	4	4	4	4	4	4
Permian Basin	Texas	3494	CT4	7	7	7	7	7	7
Permian Basin	Texas	3494	CT5	5	5	5	5	5	5
Plant X	Texas	3485	111B	42	42	42	42	42	42
Plant X	Texas	3485	112B	60	60	60	60	60	60
Plant X	Texas	3485	113B	68	68	68	68	68	68
Plant X	Texas	3485	114B	220	220	220	220	220	220
Port Neches Plant	Texas	54748	G1	90	90	90	90	90	90
Power Lane Steam Plant	Texas	4195	2	6	6	6	6	6	6
Power Lane Steam Plant	Texas	4195	3	14	14	14	14	14	14
Quail Run Energy Center	Texas	56349	CT1A	16	16	16	16	16	16
Quail Run Energy Center	Texas	56349	CT1B	15	15	15	15	15	15
Quail Run Energy Center	Texas	56349	CT2A	16	16	16	16	16	16
Quail Run Energy Center	Texas	56349	CT2B	14	14	14	14	14	14
R W Miller	Texas	3628	**4	29	29	29	29	29	29
R W Miller	Texas	3628	**5	28	28	28	28	28	28
R W Miller	Texas	3628	1	28	28	28	28	28	28
R W Miller	Texas	3628	2	69	69	69	69	69	69
R W Miller	Texas	3628	3	143	143	143	143	143	143
Ray Olinger	Texas	3576	BW2	49	49	49	49	49	49
Ray Olinger	Texas	3576	BW3	45	45	45	45	45	45
Ray Olinger	Texas	3576	CE1	28	28	28	28	28	28
Ray Olinger	Texas	3576	GE4	6	6	6	6	6	6
Rio Nogales Power Project, LP	Texas	55137	CTG-1	70	70	70	70	70	70
Rio Nogales Power Project, LP	Texas	55137	CTG-2	143	143	143	143	143	143
Rio Nogales Power Project, LP	Texas	55137	CTG-3	64	64	64	64	64	64
Roland C. Dansby Power Plant	Texas	6243	1	74	74	74	74	74	74
Roland C. Dansby Power Plant	Texas	6243	2	4	4	4	4	4	4

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SRW Cogen Limited Partnership	Texas	55120	CTG-1	50	50	50	50	50	50
SRW Cogen Limited Partnership	Texas	55120	CTG-2	70	70	70	70	70	70
Sabine	Texas	3459	1	177	177	177	177	177	177
Sabine	Texas	3459	2	192	192	192	192	192	192
Sabine	Texas	3459	3	279	279	279	279	279	279
Sabine	Texas	3459	4	428	428	428	428	428	428
Sabine	Texas	3459	5	277	277	277	277	277	277
Sabine Cogeneration Facility	Texas	55104	SAB-1	14	14	14	14	14	14
Sabine Cogeneration Facility	Texas	55104	SAB-2	13	13	13	13	13	13
Sam Bertron	Texas	3468	SRB1	31	31	31	31	31	31
Sam Bertron	Texas	3468	SRB2	51	51	51	51	51	51
Sam Bertron	Texas	3468	SRB3	49	49	49	49	49	49
Sam Bertron	Texas	3468	SRB4	55	55	55	55	55	55
Sam Rayburn Plant	Texas	3631	CT7	7	7	7	7	7	7
Sam Rayburn Plant	Texas	3631	CT8	7	7	7	7	7	7
Sam Rayburn Plant	Texas	3631	CT9	7	7	7	7	7	7
Sam Seymour	Texas	6179	1	1,085	1,085	1,085	1,085	1,085	1,085
Sam Seymour	Texas	6179	2	1,090	1,090	1,090	1,090	1,090	1,090
Sam Seymour	Texas	6179	3	830	830	830	830	830	830
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	11	11	11	11	11	11
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	10	10	10	10	10	10
San Jacinto Steam Electric Station	Texas	7325	SJS1	52	52	52	52	52	52
San Jacinto Steam Electric Station	Texas	7325	SJS2	40	40	40	40	40	40
San Miguel	Texas	6183	SM-1	882	882	882	882	882	882
Sand Hill Energy Center	Texas	7900	SH1	7	7	7	7	7	7
Sand Hill Energy Center	Texas	7900	SH2	19	19	19	19	19	19
Sand Hill Energy Center	Texas	7900	SH3	17	17	17	17	17	17
Sand Hill Energy Center	Texas	7900	SH4	17	17	17	17	17	17
Sand Hill Energy Center	Texas	7900	SH5	51	51	51	51	51	51
Sandow	Texas	6648	4	1,051	1,051	1,051	1,051	1,051	1,051
Sandow Station	Texas	52071	5A	321	321	321	321	321	321
Sandow Station	Texas	52071	5B	298	298	298	298	298	298
Silas Ray	Texas	3559	10	4	4	4	4	4	4
Silas Ray	Texas	3559	9	23	23	23	23	23	23
Sim Gideon	Texas	3601	1	45	45	45	45	45	45
Sim Gideon	Texas	3601	2	43	43	43	43	43	43
Sim Gideon	Texas	3601	3	220	220	220	220	220	220

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
South Houston Green Power Site	Texas	55470	EPN801	43	43	43	43	43	43
South Houston Green Power Site	Texas	55470	EPN802	41	41	41	41	41	41
South Houston Green Power Site	Texas	55470	EPN803	41	41	41	41	41	41
Spencer	Texas	4266	4	15	15	15	15	15	15
Spencer	Texas	4266	5	19	19	19	19	19	19
Stryker Creek	Texas	3504	1	25	25	25	25	25	25
Stryker Creek	Texas	3504	2	232	232	232	232	232	232
Sweeny Cogeneration Facility	Texas	55015	1	157	157	157	157	157	157
Sweeny Cogeneration Facility	Texas	55015	2	134	134	134	134	134	134
Sweeny Cogeneration Facility	Texas	55015	3	174	174	174	174	174	174
Sweeny Cogeneration Facility	Texas	55015	4	186	186	186	186	186	186
Sweetwater Generating Plant	Texas	50615	GT01	15	15	15	15	15	15
Sweetwater Generating Plant	Texas	50615	GT02	32	32	32	32	32	32
Sweetwater Generating Plant	Texas	50615	GT03	32	32	32	32	32	32
T C Ferguson Power Plant	Texas	4937	1	242	242	242	242	242	242
T H Wharton	Texas	3469	THW31	5	5	5	5	5	5
T H Wharton	Texas	3469	THW32	22	22	22	22	22	22
T H Wharton	Texas	3469	THW33	7	7	7	7	7	7
T H Wharton	Texas	3469	THW34	6	6	6	6	6	6
T H Wharton	Texas	3469	THW41	6	6	6	6	6	6
T H Wharton	Texas	3469	THW42	5	5	5	5	5	5
T H Wharton	Texas	3469	THW43	7	7	7	7	7	7
T H Wharton	Texas	3469	THW44	31	31	31	31	31	31
T H Wharton	Texas	3469	THW51	6	6	6	6	6	6
T H Wharton	Texas	3469	THW52	7	7	7	7	7	7
T H Wharton	Texas	3469	THW53	7	7	7	7	7	7
T H Wharton	Texas	3469	THW54	7	7	7	7	7	7
T H Wharton	Texas	3469	THW55	6	6	6	6	6	6
T H Wharton	Texas	3469	THW56	6	6	6	6	6	6
Tenaska Frontier Generation Station	Texas	55062	1	105	105	105	105	105	105
Tenaska Frontier Generation Station	Texas	55062	2	114	114	114	114	114	114
Tenaska Frontier Generation Station	Texas	55062	3	105	105	105	105	105	105
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	73	73	73	73	73	73
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	82	82	82	82	82	82
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	76	76	76	76	76	76
Texas City Cogeneration	Texas	52088	GT-A	76	76	76	76	76	76
Texas City Cogeneration	Texas	52088	GT-B	59	59	59	59	59	59

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
Texas City Cogeneration	Texas	52088	GT-C	60	60	60	60	60	60
Texas Petrochemicals	Texas	50229	TPCBLR	289	289	289	289	289	289
Tolk Station	Texas	6194	171B	915	915	915	915	915	915
Tolk Station	Texas	6194	172B	872	872	872	872	872	872
Tradinghouse	Texas	3506	1	75	75	75	75	75	75
Tradinghouse	Texas	3506	2	180	180	180	180	180	180
Trinidad	Texas	3507	9	39	39	39	39	39	39
Twin Oaks	Texas	7030	U1	293	293	293	293	293	293
Twin Oaks	Texas	7030	U2	298	298	298	298	298	298
Union Carbide Seadrift Cogen	Texas	50150	GE11	60	60	60	60	60	60
Union Carbide Seadrift Cogen	Texas	50150	GEN6	60	60	60	60	60	60
Union Carbide Seadrift Cogen	Texas	50150	GEN8	60	60	60	60	60	60
V H Braunig	Texas	3612	1	81	81	81	81	81	81
V H Braunig	Texas	3612	2	62	62	62	62	62	62
V H Braunig	Texas	3612	3	250	250	250	250	250	250
V H Braunig	Texas	3612	CT01	64	64	64	64	64	64
V H Braunig	Texas	3612	CT02	59	59	59	59	59	59
Valley (TXU)	Texas	3508	1	25	25	25	25	25	25
Valley (TXU)	Texas	3508	2	135	135	135	135	135	135
Valley (TXU)	Texas	3508	3	55	55	55	55	55	55
Victoria Power Station	Texas	3443	9	43	43	43	43	43	43
W A Parish	Texas	3470	WAP1	37	37	37	37	37	37
W A Parish	Texas	3470	WAP2	38	38	38	38	38	38
W A Parish	Texas	3470	WAP3	60	60	60	60	60	60
W A Parish	Texas	3470	WAP4	261	261	261	261	261	261
W A Parish	Texas	3470	WAP5	635	635	635	635	635	635
W A Parish	Texas	3470	WAP6	745	745	745	745	745	745
W A Parish	Texas	3470	WAP7	1,022	1,022	1,022	1,022	1,022	1,022
W A Parish	Texas	3470	WAP8	1,058	1,058	1,058	1,058	1,058	1,058
W B Tuttle	Texas	3613	1	1	1	1	1	1	1
W B Tuttle	Texas	3613	3	6	6	6	6	6	6
W B Tuttle	Texas	3613	4	5	5	5	5	5	5
Welsh Power Plant	Texas	6139	1	955	955	955	955	955	955
Welsh Power Plant	Texas	6139	2	931	931	931	931	931	931
Welsh Power Plant	Texas	6139	3	966	966	966	966	966	966
Wilkes Power Plant	Texas	3478	1	89	89	89	89	89	89
Wilkes Power Plant	Texas	3478	2	166	166	166	166	166	166

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
Wilkes Power Plant	Texas	3478	3	204	204	204	204	204	204
Winchester Power Park	Texas	56674	1	4	4	4	4	4	4
Winchester Power Park	Texas	56674	2	2	2	2	2	2	2
Winchester Power Park	Texas	56674	3	1	1	1	1	1	1
Winchester Power Park	Texas	56674	4	2	2	2	2	2	2
Wise County Power Company, LLC	Texas	55320	GT-1	59	59	59	59	59	59
Wise County Power Company, LLC	Texas	55320	GT-2	62	62	62	62	62	62
Wolf Hollow I, LP	Texas	55139	CTG1	128	128	128	128	128	128
Wolf Hollow I, LP	Texas	55139	CTG2	99	99	99	99	99	99
Alma	Wisconsin	4140	B4						
Alma	Wisconsin	4140	B5						
Bay Front	Wisconsin	3982	1						
Bay Front	Wisconsin	3982	2						
Bay Front	Wisconsin	3982	5						
Blount Street	Wisconsin	3992	3						
Blount Street	Wisconsin	3992	5						
Blount Street	Wisconsin	3992	6						
Blount Street	Wisconsin	3992	7						
Blount Street	Wisconsin	3992	8						
Blount Street	Wisconsin	3992	9						
Columbia	Wisconsin	8023	1						
Columbia	Wisconsin	8023	2						
Combined Locks Energy Center, LLC	Wisconsin	55558	B06						
Concord	Wisconsin	7159	**1						
Concord	Wisconsin	7159	**2						
Concord	Wisconsin	7159	**3						
Concord	Wisconsin	7159	**4						
DTE Stoneman, LLC	Wisconsin	4146	B1						
DTE Stoneman, LLC	Wisconsin	4146	B2						
Depere Energy Center	Wisconsin	55029	B01						
Edgewater (4050)	Wisconsin	4050	3						
Edgewater (4050)	Wisconsin	4050	4						
Edgewater (4050)	Wisconsin	4050	5						
Elk Mound Generating Station	Wisconsin	7863	1						
Elk Mound Generating Station	Wisconsin	7863	2						
Elm Road Generating Station	Wisconsin	56068	1						
Fitchburg Generating Station	Wisconsin	3991	1						

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
Fitchburg Generating Station	Wisconsin	3991	2						
Fox Energy Company LLC	Wisconsin	56031	CTG-1						
Fox Energy Company LLC	Wisconsin	56031	CTG-2						
French Island	Wisconsin	4005	3						
French Island	Wisconsin	4005	4						
Genoa	Wisconsin	4143	1						
Germantown Power Plant	Wisconsin	6253	**5						
Germantown Power Plant	Wisconsin	6253	P30						
Germantown Power Plant	Wisconsin	6253	P31						
Germantown Power Plant	Wisconsin	6253	P32						
Germantown Power Plant	Wisconsin	6253	P33						
Germantown Power Plant	Wisconsin	6253	P34						
Germantown Power Plant	Wisconsin	6253	P35						
Germantown Power Plant	Wisconsin	6253	P36						
Germantown Power Plant	Wisconsin	6253	P37						
Island Street Peaking Plant	Wisconsin	55836	1A						
Island Street Peaking Plant	Wisconsin	55836	1B						
J P Madgett	Wisconsin	4271	B1						
Manitowoc	Wisconsin	4125	6						
Manitowoc	Wisconsin	4125	7						
Manitowoc	Wisconsin	4125	8						
Manitowoc	Wisconsin	4125	9						
Neenah Energy Facility	Wisconsin	55135	CT01						
Neenah Energy Facility	Wisconsin	55135	CT02						
Nelson Dewey	Wisconsin	4054	1						
Nelson Dewey	Wisconsin	4054	2						
Paris	Wisconsin	7270	**1						
Paris	Wisconsin	7270	**2						
Paris	Wisconsin	7270	**3						
Paris	Wisconsin	7270	**4						
Pleasant Prairie	Wisconsin	6170	1						
Pleasant Prairie	Wisconsin	6170	2						
Port Washington Generating Station	Wisconsin	4040	11						
Port Washington Generating Station	Wisconsin	4040	12						
Port Washington Generating Station	Wisconsin	4040	21						
Port Washington Generating Station	Wisconsin	4040	22						
Pulliam	Wisconsin	4072	32						

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
Pulliam	Wisconsin	4072	5						
Pulliam	Wisconsin	4072	6						
Pulliam	Wisconsin	4072	7						
Pulliam	Wisconsin	4072	8						
Riverside Energy Center	Wisconsin	55641	CT-01						
Riverside Energy Center	Wisconsin	55641	CT-02						
Rock River	Wisconsin	4057	1						
Rock River	Wisconsin	4057	2						
Rock River	Wisconsin	4057	CT3						
Rock River	Wisconsin	4057	CT5A						
Rock River	Wisconsin	4057	CT5B						
Rock River	Wisconsin	4057	CT6A						
Rock River	Wisconsin	4057	CT6B						
Rockgen Energy Center	Wisconsin	55391	CT-1						
Rockgen Energy Center	Wisconsin	55391	CT-2						
Rockgen Energy Center	Wisconsin	55391	CT-3						
Sheboygan Falls Energy Facility	Wisconsin	56166	1						
Sheboygan Falls Energy Facility	Wisconsin	56166	2						
Sheepskin	Wisconsin	4059	CT1A						
Sheepskin	Wisconsin	4059	CT1B						
South Fond Du Lac	Wisconsin	7203	**CT1						
South Fond Du Lac	Wisconsin	7203	**CT2						
South Fond Du Lac	Wisconsin	7203	**CT3						
South Fond Du Lac	Wisconsin	7203	**CT4						
South Oak Creek	Wisconsin	4041	5						
South Oak Creek	Wisconsin	4041	6						
South Oak Creek	Wisconsin	4041	7						
South Oak Creek	Wisconsin	4041	8						
Valley (WEPCO)	Wisconsin	4042	1						
Valley (WEPCO)	Wisconsin	4042	2						
Valley (WEPCO)	Wisconsin	4042	3						
Valley (WEPCO)	Wisconsin	4042	4						
West Marinette	Wisconsin	4076	**33						
West Marinette	Wisconsin	4076	**34						
West Marinette	Wisconsin	4076	31A						
West Marinette	Wisconsin	4076	31B						
West Marinette	Wisconsin	4076	32A						

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)
West Marinette	Wisconsin	4076	32B						
Weston	Wisconsin	4078	1						
Weston	Wisconsin	4078	2						
Weston	Wisconsin	4078	3						
Weston	Wisconsin	4078	32A						
Weston	Wisconsin	4078	32B						
Weston	Wisconsin	4078	4						
Wheaton Generating Plant	Wisconsin	4014	1						
Wheaton Generating Plant	Wisconsin	4014	2						
Wheaton Generating Plant	Wisconsin	4014	3						
Wheaton Generating Plant	Wisconsin	4014	4						
Wheaton Generating Plant	Wisconsin	4014	5						
Wheaton Generating Plant	Wisconsin	4014	6						
Whitewater Cogeneration Facility	Wisconsin	55011	01						

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
AMEA Sylacauga Plant	Alabama	56018	1	89313	147,250	114,779	32,962	31,156	59,325
AMEA Sylacauga Plant	Alabama	56018	2	89314	140,127	135,509	38,452	20,794	64,674
Barry	Alabama	3	1	1	10,615,360	10,183,349	8,928,401	2,279,918	4,446,264
Barry	Alabama	3	2	2	9,558,235	11,192,046	8,494,005	4,682,439	6,341,864
Barry	Alabama	3	3	3	16,280,160	18,934,960	14,888,058	14,471,878	9,414,133
Barry	Alabama	3	4	4	22,189,026	23,212,346	20,134,356	12,975,547	17,757,304
Barry	Alabama	3	5	5	47,965,135	45,616,860	44,534,621	51,939,697	42,083,741
Barry	Alabama	3	6A	6	5,618,040	7,696,570	8,480,138	11,527,087	13,450,305
Barry	Alabama	3	6B	7	5,846,863	7,702,602	8,305,937	11,139,299	13,665,474
Barry	Alabama	3	7A	8	7,171,772	7,820,707	8,094,289	10,434,515	13,023,818
Barry	Alabama	3	7B	9	6,804,187	7,525,559	7,732,689	10,067,379	12,630,809
Calhoun Power Company I, LLC	Alabama	55409	CT1	4688	839,998	1,260,362	712,316	320,229	768,834
Calhoun Power Company I, LLC	Alabama	55409	CT2	4689	995,410	1,183,276	492,533	237,794	701,884
Calhoun Power Company I, LLC	Alabama	55409	CT3	4690	1,010,850	1,375,839	699,236	326,060	832,942
Calhoun Power Company I, LLC	Alabama	55409	CT4	4691	1,116,457	1,188,103	670,726	280,039	697,054
Charles R Lowman	Alabama	56	1	53	6,711,604	6,545,634	5,808,628	5,435,120	6,595,173
Charles R Lowman	Alabama	56	2	54	19,401,443	15,547,602	17,474,176	12,069,353	13,066,571
Charles R Lowman	Alabama	56	3	55	19,992,117	20,566,380	16,600,753	16,577,280	17,777,527
Colbert	Alabama	47	1	35	13,564,047	14,094,504	12,876,096	7,204,112	12,256,094
Colbert	Alabama	47	2	36	13,351,864	13,032,306	12,493,561	4,721,612	10,422,260
Colbert	Alabama	47	3	37	13,285,607	14,122,642	12,380,122	3,013,100	10,762,179
Colbert	Alabama	47	4	38	12,260,918	13,372,544	13,012,230	5,179,675	12,379,910
Colbert	Alabama	47	5	39	28,560,220	22,989,002	27,016,714	11,397,221	17,891,127
Colbert	Alabama	47	CCT1	88150	4,675	618	2,229	2,220	20,915
Colbert	Alabama	47	CCT2	88151	5,296	3,825	2,395	2,720	4,824
Colbert	Alabama	47	CCT3	88152	5,601	3,264	1,934	2,726	3,595
Colbert	Alabama	47	CCT4	88153	3,400	5,078	1,854	1,738	3,750

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
AMEA Sylacauga Plant	Alabama	56018	1	107,118	1,070,890,723	0.000100	211,712	208,993
AMEA Sylacauga Plant	Alabama	56018	2	113,437	1,070,890,723	0.000106	211,712	208,993
Barry	Alabama	3	1	9,909,037	1,070,890,723	0.009253	211,712	208,993
Barry	Alabama	3	2	9,748,095	1,070,890,723	0.009103	211,712	208,993
Barry	Alabama	3	3	16,701,059	1,070,890,723	0.015595	211,712	208,993
Barry	Alabama	3	4	21,845,243	1,070,890,723	0.020399	211,712	208,993
Barry	Alabama	3	5	48,507,230	1,070,890,723	0.045296	211,712	208,993
Barry	Alabama	3	6A	11,152,510	1,070,890,723	0.010414	211,712	208,993
Barry	Alabama	3	6B	11,036,903	1,070,890,723	0.010306	211,712	208,993
Barry	Alabama	3	7A	10,517,541	1,070,890,723	0.009821	211,712	208,993
Barry	Alabama	3	7B	10,143,625	1,070,890,723	0.009472	211,712	208,993
Calhoun Power Company I, LLC	Alabama	55409	CT1	956,398	1,070,890,723	0.000893	211,712	208,993
Calhoun Power Company I, LLC	Alabama	55409	CT2	960,190	1,070,890,723	0.000897	211,712	208,993
Calhoun Power Company I, LLC	Alabama	55409	CT3	1,073,210	1,070,890,723	0.001002	211,712	208,993
Calhoun Power Company I, LLC	Alabama	55409	CT4	1,000,538	1,070,890,723	0.000934	211,712	208,993
Charles R Lowman	Alabama	56	1	6,617,470	1,070,890,723	0.006179	211,712	208,993
Charles R Lowman	Alabama	56	2	17,474,407	1,070,890,723	0.016318	211,712	208,993
Charles R Lowman	Alabama	56	3	19,445,341	1,070,890,723	0.018158	211,712	208,993
Colbert	Alabama	47	1	13,511,549	1,070,890,723	0.012617	211,712	208,993
Colbert	Alabama	47	2	12,959,244	1,070,890,723	0.012101	211,712	208,993
Colbert	Alabama	47	3	13,262,790	1,070,890,723	0.012385	211,712	208,993
Colbert	Alabama	47	4	12,921,562	1,070,890,723	0.012066	211,712	208,993
Colbert	Alabama	47	5	26,188,645	1,070,890,723	0.024455	211,712	208,993
Colbert	Alabama	47	CCT1	9,273	1,070,890,723	0.000009	211,712	208,993
Colbert	Alabama	47	CCT2	4,648	1,070,890,723	0.000004	211,712	208,993
Colbert	Alabama	47	CCT3	4,153	1,070,890,723	0.000004	211,712	208,993
Colbert	Alabama	47	CCT4	4,076	1,070,890,723	0.000004	211,712	208,993

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
AMEA Sylacauga Plant	Alabama	56018	1	71,237	70,523	21	21	7	7
AMEA Sylacauga Plant	Alabama	56018	2	71,237	70,523	22	22	8	7
Barry	Alabama	3	1	71,237	70,523	1,959	1,934	659	653
Barry	Alabama	3	2	71,237	70,523	1,927	1,902	648	642
Barry	Alabama	3	3	71,237	70,523	3,302	3,259	1,111	1,100
Barry	Alabama	3	4	71,237	70,523	4,319	4,263	1,453	1,439
Barry	Alabama	3	5	71,237	70,523	9,590	9,467	3,227	3,194
Barry	Alabama	3	6A	71,237	70,523	2,205	2,177	742	734
Barry	Alabama	3	6B	71,237	70,523	2,182	2,154	734	727
Barry	Alabama	3	7A	71,237	70,523	2,079	2,053	700	693
Barry	Alabama	3	7B	71,237	70,523	2,005	1,980	675	668
Calhoun Power Company I, LLC	Alabama	55409	CT1	71,237	70,523	189	187	64	63
Calhoun Power Company I, LLC	Alabama	55409	CT2	71,237	70,523	190	187	64	63
Calhoun Power Company I, LLC	Alabama	55409	CT3	71,237	70,523	212	209	71	71
Calhoun Power Company I, LLC	Alabama	55409	CT4	71,237	70,523	198	195	67	66
Charles R Lowman	Alabama	56	1	71,237	70,523	1,308	1,291	440	436
Charles R Lowman	Alabama	56	2	71,237	70,523	3,455	3,410	1,162	1,151
Charles R Lowman	Alabama	56	3	71,237	70,523	3,844	3,795	1,294	1,281
Colbert	Alabama	47	1	71,237	70,523	2,671	2,637	899	890
Colbert	Alabama	47	2	71,237	70,523	2,562	2,529	862	853
Colbert	Alabama	47	3	71,237	70,523	2,622	2,588	882	873
Colbert	Alabama	47	4	71,237	70,523	2,555	2,522	860	851
Colbert	Alabama	47	5	71,237	70,523	5,177	5,111	1,742	1,725
Colbert	Alabama	47	CCT1	71,237	70,523	2	2	1	1
Colbert	Alabama	47	CCT2	71,237	70,523	1	1	0	0
Colbert	Alabama	47	CCT3	71,237	70,523	1	1	0	0
Colbert	Alabama	47	CCT4	71,237	70,523	1	1	0	0

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
AMEA Sylacauga Plant	Alabama	56018	1		0	0	0	0	0
AMEA Sylacauga Plant	Alabama	56018	2		0	0	0	0	0
Barry	Alabama	3	1	4,618	4,869	4,221	5,152	4,815	3,462
Barry	Alabama	3	2	5,062	4,368	4,875	4,714	5,244	3,299
Barry	Alabama	3	3	8,438	8,338	8,315	7,734	8,907	5,800
Barry	Alabama	3	4	11,141	10,159	11,204	10,992	10,939	8,545
Barry	Alabama	3	5	23,441	19,728	25,032	24,022	21,362	17,360
Barry	Alabama	3	6A	2	2	1	2	2	3
Barry	Alabama	3	6B	2	2	1	2	2	2
Barry	Alabama	3	7A	2	2	2	2	2	2
Barry	Alabama	3	7B	2	2	2	2	2	2
Calhoun Power Company I, LLC	Alabama	55409	CT1	2	0	3	0	1	1
Calhoun Power Company I, LLC	Alabama	55409	CT2	2	0	2	0	1	1
Calhoun Power Company I, LLC	Alabama	55409	CT3	2	0	3	0	1	0
Calhoun Power Company I, LLC	Alabama	55409	CT4	1	0	3	1	0	0
Charles R Lowman	Alabama	56	1	3,448	3,056	3,727	3,901	3,672	1,005
Charles R Lowman	Alabama	56	2	7,032	6,488	4,786	6,502	4,871	511
Charles R Lowman	Alabama	56	3	7,803	6,799	7,085	7,476	7,736	4,130
Colbert	Alabama	47	1	5,959	5,947	6,008	6,793	5,787	5,341
Colbert	Alabama	47	2	6,074	5,727	5,916	6,747	5,340	5,173
Colbert	Alabama	47	3	5,757	4,997	6,784	6,773	5,800	5,151
Colbert	Alabama	47	4	4,608	4,335	6,866	6,278	5,497	5,405
Colbert	Alabama	47	5	35,083	12,434	13,364	13,352	10,878	11,504
Colbert	Alabama	47	CCT1						
Colbert	Alabama	47	CCT2						
Colbert	Alabama	47	CCT3						
Colbert	Alabama	47	CCT4						

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
AMEA Sylacauga Plant	Alabama	56018	1	0	0	0				
AMEA Sylacauga Plant	Alabama	56018	2	0	0	0				
Barry	Alabama	3	1	1,041	1,948	5,152				
Barry	Alabama	3	2	1,956	2,607	5,244				
Barry	Alabama	3	3	6,522	4,329	8,907				
Barry	Alabama	3	4	6,059	7,704	11,204				
Barry	Alabama	3	5	21,517	1,963	25,032				
Barry	Alabama	3	6A	3	4	4				
Barry	Alabama	3	6B	3	4	4				
Barry	Alabama	3	7A	3	4	4				
Barry	Alabama	3	7B	3	4	4				
Calhoun Power Company I, LLC	Alabama	55409	CT1	0	0	3				
Calhoun Power Company I, LLC	Alabama	55409	CT2	0	0	2				
Calhoun Power Company I, LLC	Alabama	55409	CT3	0	0	3				
Calhoun Power Company I, LLC	Alabama	55409	CT4	0	0	3				
Charles R Lowman	Alabama	56	1	3,534	4,675	4,675				
Charles R Lowman	Alabama	56	2	568	521	7,032				
Charles R Lowman	Alabama	56	3	1,544	1,465	7,803				
Colbert	Alabama	47	1	3,926	4,262	6,793		3,420		
Colbert	Alabama	47	2	2,436	3,623	6,747		3,280		
Colbert	Alabama	47	3	1,551	3,746	6,784		3,356		
Colbert	Alabama	47	4	2,675	4,308	6,866		3,270		
Colbert	Alabama	47	5	5,932	7,237	35,083		6,629		
Colbert	Alabama	47	CCT1	1	5	5				
Colbert	Alabama	47	CCT2	1	0	1				
Colbert	Alabama	47	CCT3	1	0	1				
Colbert	Alabama	47	CCT4	0	1	1				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
AMEA Sylacauga Plant	Alabama	56018	1					9	0
AMEA Sylacauga Plant	Alabama	56018	2					13	4
Barry	Alabama	3	1				2,172	2,164	1,644
Barry	Alabama	3	2				2,370	1,894	1,871
Barry	Alabama	3	3				3,935	3,716	3,211
Barry	Alabama	3	4				3,879	3,279	3,378
Barry	Alabama	3	5				9,982	8,128	9,024
Barry	Alabama	3	6A				28	34	25
Barry	Alabama	3	6B				27	32	29
Barry	Alabama	3	7A				28	31	35
Barry	Alabama	3	7B				31	33	31
Calhoun Power Company I, LLC	Alabama	55409	CT1				9	5	18
Calhoun Power Company I, LLC	Alabama	55409	CT2				16	5	15
Calhoun Power Company I, LLC	Alabama	55409	CT3				12	5	19
Calhoun Power Company I, LLC	Alabama	55409	CT4				4	4	15
Charles R Lowman	Alabama	56	1				1,524	1,510	1,401
Charles R Lowman	Alabama	56	2				4,409	4,848	4,562
Charles R Lowman	Alabama	56	3				4,703	4,762	4,670
Colbert	Alabama	47	1				3,199	3,269	2,979
Colbert	Alabama	47	2				3,262	3,138	2,914
Colbert	Alabama	47	3				3,109	2,717	3,394
Colbert	Alabama	47	4				2,392	2,310	3,379
Colbert	Alabama	47	5				5,852	2,677	3,657
Colbert	Alabama	47	CCT1				4	1	1
Colbert	Alabama	47	CCT2				4	1	1
Colbert	Alabama	47	CCT3				5	1	0
Colbert	Alabama	47	CCT4				2	1	0

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
AMEA Sylacauga Plant	Alabama	56018	1	6	5	1	1	2	9
AMEA Sylacauga Plant	Alabama	56018	2	6	6	2	1	2	13
Barry	Alabama	3	1	1,735	1,484	1,626	500	911	2,172
Barry	Alabama	3	2	1,558	1,654	1,530	946	1,353	2,370
Barry	Alabama	3	3	2,691	2,834	2,776	3,000	2,028	3,935
Barry	Alabama	3	4	2,772	3,000	2,589	1,785	2,542	3,879
Barry	Alabama	3	5	7,923	7,036	3,438	1,994	1,329	9,982
Barry	Alabama	3	6A	26	38	46	58	64	64
Barry	Alabama	3	6B	31	39	49	54	63	63
Barry	Alabama	3	7A	34	34	45	51	67	67
Barry	Alabama	3	7B	30	34	43	51	65	65
Calhoun Power Company I, LLC	Alabama	55409	CT1	13	20	13	7	16	20
Calhoun Power Company I, LLC	Alabama	55409	CT2	16	20	11	6	15	20
Calhoun Power Company I, LLC	Alabama	55409	CT3	17	23	14	8	17	23
Calhoun Power Company I, LLC	Alabama	55409	CT4	21	22	14	8	14	22
Charles R Lowman	Alabama	56	1	1,464	1,431	1,207	878	1,228	1,524
Charles R Lowman	Alabama	56	2	4,649	3,717	3,586	1,142	2,128	4,848
Charles R Lowman	Alabama	56	3	4,768	4,996	3,717	1,173	2,786	4,996
Colbert	Alabama	47	1	3,012	3,103	2,992	1,345	2,568	3,269
Colbert	Alabama	47	2	2,961	2,880	2,908	951	2,171	3,262
Colbert	Alabama	47	3	2,957	3,105	2,896	608	2,235	3,394
Colbert	Alabama	47	4	2,701	2,923	3,026	1,053	2,595	3,379
Colbert	Alabama	47	5	3,090	1,293	1,244	462	469	5,852
Colbert	Alabama	47	CCT1	1	0	1	1	7	7
Colbert	Alabama	47	CCT2	1	1	1	1	1	4
Colbert	Alabama	47	CCT3	1	1	1	1	1	5
Colbert	Alabama	47	CCT4	1	1	1	1	1	2

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
AMEA Sylacauga Plant	Alabama	56018	1						
AMEA Sylacauga Plant	Alabama	56018	2						
Barry	Alabama	3	1						
Barry	Alabama	3	2						
Barry	Alabama	3	3						
Barry	Alabama	3	4						
Barry	Alabama	3	5						
Barry	Alabama	3	6A						
Barry	Alabama	3	6B						
Barry	Alabama	3	7A						
Barry	Alabama	3	7B						
Calhoun Power Company I, LLC	Alabama	55409	CT1						
Calhoun Power Company I, LLC	Alabama	55409	CT2						
Calhoun Power Company I, LLC	Alabama	55409	CT3						
Calhoun Power Company I, LLC	Alabama	55409	CT4						
Charles R Lowman	Alabama	56	1						
Charles R Lowman	Alabama	56	2						
Charles R Lowman	Alabama	56	3						
Colbert	Alabama	47	1						
Colbert	Alabama	47	2						
Colbert	Alabama	47	3						
Colbert	Alabama	47	4						
Colbert	Alabama	47	5						
Colbert	Alabama	47	CCT1						
Colbert	Alabama	47	CCT2						
Colbert	Alabama	47	CCT3						
Colbert	Alabama	47	CCT4						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
AMEA Sylacauga Plant	Alabama	56018	1		0		
AMEA Sylacauga Plant	Alabama	56018	2		0		
Barry	Alabama	3	1		2,622		
Barry	Alabama	3	2		2,580		
Barry	Alabama	3	3		4,420		
Barry	Alabama	3	4		5,781		
Barry	Alabama	3	5		12,838		
Barry	Alabama	3	6A		4		
Barry	Alabama	3	6B		4		
Barry	Alabama	3	7A		4		
Barry	Alabama	3	7B		4		
Calhoun Power Company I, LLC	Alabama	55409	CT1		3		
Calhoun Power Company I, LLC	Alabama	55409	CT2		2		
Calhoun Power Company I, LLC	Alabama	55409	CT3		3		
Calhoun Power Company I, LLC	Alabama	55409	CT4		3		
Charles R Lowman	Alabama	56	1		1,751		
Charles R Lowman	Alabama	56	2		4,625		
Charles R Lowman	Alabama	56	3		5,146		
Colbert	Alabama	47	1		3,420		
Colbert	Alabama	47	2		3,280		
Colbert	Alabama	47	3		3,356		
Colbert	Alabama	47	4		3,270		
Colbert	Alabama	47	5		6,629		
Colbert	Alabama	47	CCT1		2		
Colbert	Alabama	47	CCT2		1		
Colbert	Alabama	47	CCT3		1		
Colbert	Alabama	47	CCT4		1		

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
AMEA Sylacauga Plant	Alabama	56018	1				
AMEA Sylacauga Plant	Alabama	56018	2				
Barry	Alabama	3	1				
Barry	Alabama	3	2				
Barry	Alabama	3	3				
Barry	Alabama	3	4				
Barry	Alabama	3	5				
Barry	Alabama	3	6A				
Barry	Alabama	3	6B				
Barry	Alabama	3	7A				
Barry	Alabama	3	7B				
Calhoun Power Company I, LLC	Alabama	55409	CT1				
Calhoun Power Company I, LLC	Alabama	55409	CT2				
Calhoun Power Company I, LLC	Alabama	55409	CT3				
Calhoun Power Company I, LLC	Alabama	55409	CT4				
Charles R Lowman	Alabama	56	1				
Charles R Lowman	Alabama	56	2				
Charles R Lowman	Alabama	56	3				
Colbert	Alabama	47	1				
Colbert	Alabama	47	2				
Colbert	Alabama	47	3				
Colbert	Alabama	47	4				
Colbert	Alabama	47	5				
Colbert	Alabama	47	CCT1				
Colbert	Alabama	47	CCT2				
Colbert	Alabama	47	CCT3				
Colbert	Alabama	47	CCT4				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
AMEA Sylacauga Plant	Alabama	56018	1				
AMEA Sylacauga Plant	Alabama	56018	2				
Barry	Alabama	3	1				
Barry	Alabama	3	2				
Barry	Alabama	3	3				
Barry	Alabama	3	4				
Barry	Alabama	3	5				
Barry	Alabama	3	6A				
Barry	Alabama	3	6B				
Barry	Alabama	3	7A				
Barry	Alabama	3	7B				
Calhoun Power Company I, LLC	Alabama	55409	CT1				
Calhoun Power Company I, LLC	Alabama	55409	CT2				
Calhoun Power Company I, LLC	Alabama	55409	CT3				
Calhoun Power Company I, LLC	Alabama	55409	CT4				
Charles R Lowman	Alabama	56	1				
Charles R Lowman	Alabama	56	2				
Charles R Lowman	Alabama	56	3				
Colbert	Alabama	47	1				
Colbert	Alabama	47	2				
Colbert	Alabama	47	3				
Colbert	Alabama	47	4				
Colbert	Alabama	47	5				
Colbert	Alabama	47	CCT1				
Colbert	Alabama	47	CCT2				
Colbert	Alabama	47	CCT3				
Colbert	Alabama	47	CCT4				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
AMEA Sylacauga Plant	Alabama	56018	1	136,343	103,254	29,269	23,192	55,808	98,468
AMEA Sylacauga Plant	Alabama	56018	2	125,289	120,790	34,224	16,673	58,287	101,455
Barry	Alabama	3	1	4,314,937	4,551,003	4,055,840	789,896	1,964,342	4,307,260
Barry	Alabama	3	2	4,355,445	4,545,046	3,932,476	2,297,644	2,758,182	4,277,656
Barry	Alabama	3	3	6,043,835	7,516,221	6,645,314	6,670,548	4,534,994	6,944,027
Barry	Alabama	3	4	10,982,887	10,567,388	10,528,008	8,156,301	8,080,805	10,692,761
Barry	Alabama	3	5	22,616,601	25,198,515	26,010,539	22,366,536	19,401,450	24,608,552
Barry	Alabama	3	6A	3,508,006	3,103,115	2,904,747	5,258,901	5,402,172	4,723,027
Barry	Alabama	3	6B	3,565,163	3,142,830	2,982,202	4,969,999	5,475,234	4,670,132
Barry	Alabama	3	7A	3,524,156	3,394,634	3,240,818	4,932,801	5,306,352	4,587,770
Barry	Alabama	3	7B	3,355,659	3,338,878	2,979,283	4,536,701	5,068,647	4,320,336
Calhoun Power Company I, LLC	Alabama	55409	CT1	820,824	1,164,029	672,330	224,826	703,757	896,203
Calhoun Power Company I, LLC	Alabama	55409	CT2	956,431	1,081,974	452,656	178,735	631,661	890,022
Calhoun Power Company I, LLC	Alabama	55409	CT3	979,739	1,264,139	658,809	240,299	749,678	997,852
Calhoun Power Company I, LLC	Alabama	55409	CT4	1,072,196	1,100,113	629,484	197,283	642,445	938,251
Charles R Lowman	Alabama	56	1	2,911,725	3,019,500	2,552,896	2,705,832	2,846,852	2,926,026
Charles R Lowman	Alabama	56	2	8,833,330	8,459,171	7,068,438	3,117,951	5,916,417	8,120,313
Charles R Lowman	Alabama	56	3	8,949,301	8,472,325	7,763,085	7,420,094	7,738,925	8,394,904
Colbert	Alabama	47	1	5,817,752	5,598,066	5,372,611	2,553,722	4,973,113	5,596,143
Colbert	Alabama	47	2	5,685,337	4,907,981	5,174,349	412,534	4,632,142	5,255,889
Colbert	Alabama	47	3	5,612,839	5,685,684	4,567,347	818,422	3,948,246	5,288,623
Colbert	Alabama	47	4	5,783,707	5,646,170	5,189,415	2,053,120	4,910,557	5,539,764
Colbert	Alabama	47	5	13,236,566	14,142,876	12,638,726	3,872,176	9,623,953	13,339,389
Colbert	Alabama	47	CCT1	4,675	618	683	559	20,163	8,507
Colbert	Alabama	47	CCT2	5,296	3,825	727	563	3,874	4,332
Colbert	Alabama	47	CCT3	5,601	3,264	816	445	3,181	4,015
Colbert	Alabama	47	CCT4	3,400	5,078	1,025	892	2,248	3,575

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
AMEA Sylacauga Plant	Alabama	56018	1	501,794,015	0.000196	31,111	30,869	6	6
AMEA Sylacauga Plant	Alabama	56018	2	501,794,015	0.000202	31,111	30,869	6	6
Barry	Alabama	3	1	501,794,015	0.008584	31,111	30,869	267	265
Barry	Alabama	3	2	501,794,015	0.008525	31,111	30,869	265	263
Barry	Alabama	3	3	501,794,015	0.013838	31,111	30,869	431	427
Barry	Alabama	3	4	501,794,015	0.021309	31,111	30,869	663	658
Barry	Alabama	3	5	501,794,015	0.049041	31,111	30,869	1,526	1,514
Barry	Alabama	3	6A	501,794,015	0.009412	31,111	30,869	293	291
Barry	Alabama	3	6B	501,794,015	0.009307	31,111	30,869	290	287
Barry	Alabama	3	7A	501,794,015	0.009143	31,111	30,869	284	282
Barry	Alabama	3	7B	501,794,015	0.008610	31,111	30,869	268	266
Calhoun Power Company I, LLC	Alabama	55409	CT1	501,794,015	0.001786	31,111	30,869	56	55
Calhoun Power Company I, LLC	Alabama	55409	CT2	501,794,015	0.001774	31,111	30,869	55	55
Calhoun Power Company I, LLC	Alabama	55409	CT3	501,794,015	0.001989	31,111	30,869	62	61
Calhoun Power Company I, LLC	Alabama	55409	CT4	501,794,015	0.001870	31,111	30,869	58	58
Charles R Lowman	Alabama	56	1	501,794,015	0.005831	31,111	30,869	181	180
Charles R Lowman	Alabama	56	2	501,794,015	0.016183	31,111	30,869	503	500
Charles R Lowman	Alabama	56	3	501,794,015	0.016730	31,111	30,869	520	516
Colbert	Alabama	47	1	501,794,015	0.011152	31,111	30,869	347	344
Colbert	Alabama	47	2	501,794,015	0.010474	31,111	30,869	326	323
Colbert	Alabama	47	3	501,794,015	0.010539	31,111	30,869	328	325
Colbert	Alabama	47	4	501,794,015	0.011040	31,111	30,869	343	341
Colbert	Alabama	47	5	501,794,015	0.026583	31,111	30,869	827	821
Colbert	Alabama	47	CCT1	501,794,015	0.000017	31,111	30,869	1	1
Colbert	Alabama	47	CCT2	501,794,015	0.000009	31,111	30,869	0	0
Colbert	Alabama	47	CCT3	501,794,015	0.000008	31,111	30,869	0	0
Colbert	Alabama	47	CCT4	501,794,015	0.000007	31,111	30,869	0	0

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
AMEA Sylacauga Plant	Alabama	56018	1		9	0	5	4	1
AMEA Sylacauga Plant	Alabama	56018	2		13	3	6	6	2
Barry	Alabama	3	1	942	893	730	663	567	660
Barry	Alabama	3	2	831	808	718	666	565	638
Barry	Alabama	3	3	1,748	1,497	1,332	937	952	1,080
Barry	Alabama	3	4	1,695	1,361	1,650	1,290	1,322	1,166
Barry	Alabama	3	5	4,375	4,014	3,737	3,901	3,886	1,073
Barry	Alabama	3	6A	14	14	9	16	16	17
Barry	Alabama	3	6B	13	12	11	19	17	21
Barry	Alabama	3	7A	13	12	16	16	15	20
Barry	Alabama	3	7B	14	13	14	15	15	18
Calhoun Power Company I, LLC	Alabama	55409	CT1	3	5	11	13	18	10
Calhoun Power Company I, LLC	Alabama	55409	CT2	11	5	10	15	18	8
Calhoun Power Company I, LLC	Alabama	55409	CT3	11	5	12	16	20	11
Calhoun Power Company I, LLC	Alabama	55409	CT4	4	4	10	19	20	11
Charles R Lowman	Alabama	56	1	625	735	629	632	662	487
Charles R Lowman	Alabama	56	2	1,992	2,103	2,030	2,104	2,030	1,279
Charles R Lowman	Alabama	56	3	2,044	2,096	2,060	2,120	2,023	1,583
Colbert	Alabama	47	1	1,244	1,209	1,216	1,209	1,142	1,233
Colbert	Alabama	47	2	1,176	1,172	1,189	1,179	999	1,183
Colbert	Alabama	47	3	1,104	1,161	1,170	1,167	1,159	1,054
Colbert	Alabama	47	4	1,130	1,169	1,118	1,199	1,145	1,193
Colbert	Alabama	47	5	3,140	509	246	262	269	264
Colbert	Alabama	47	CCT1	4	1	1	1	0	0
Colbert	Alabama	47	CCT2	4	1	1	1	1	0
Colbert	Alabama	47	CCT3	5	1	0	1	1	0
Colbert	Alabama	47	CCT4	2	1	0	1	1	0

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
AMEA Sylacauga Plant	Alabama	56018	1	1	2	9			
AMEA Sylacauga Plant	Alabama	56018	2	1	2	13			
Barry	Alabama	3	1	157	387	942			
Barry	Alabama	3	2	390	520	831			
Barry	Alabama	3	3	1,212	947	1,748			
Barry	Alabama	3	4	1,080	1,035	1,695			
Barry	Alabama	3	5	847	578	4,375			
Barry	Alabama	3	6A	27	25	27			
Barry	Alabama	3	6B	24	25	25			
Barry	Alabama	3	7A	23	27	27			
Barry	Alabama	3	7B	23	26	26			
Calhoun Power Company I, LLC	Alabama	55409	CT1	3	13	18			
Calhoun Power Company I, LLC	Alabama	55409	CT2	3	11	18			
Calhoun Power Company I, LLC	Alabama	55409	CT3	4	13	20			
Calhoun Power Company I, LLC	Alabama	55409	CT4	3	11	20			
Charles R Lowman	Alabama	56	1	501	562	735			
Charles R Lowman	Alabama	56	2	384	1,018	2,104			
Charles R Lowman	Alabama	56	3	522	1,461	2,120			
Colbert	Alabama	47	1	452	1,029	1,244			
Colbert	Alabama	47	2	82	964	1,189			
Colbert	Alabama	47	3	161	807	1,170			
Colbert	Alabama	47	4	403	1,016	1,199			
Colbert	Alabama	47	5	114	231	3,140			
Colbert	Alabama	47	CCT1	0	7	7			
Colbert	Alabama	47	CCT2	0	1	4			
Colbert	Alabama	47	CCT3	0	1	5			
Colbert	Alabama	47	CCT4	0	1	2			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
AMEA Sylacauga Plant	Alabama	56018	1					
AMEA Sylacauga Plant	Alabama	56018	2					
Barry	Alabama	3	1					
Barry	Alabama	3	2					
Barry	Alabama	3	3					
Barry	Alabama	3	4					
Barry	Alabama	3	5					
Barry	Alabama	3	6A					
Barry	Alabama	3	6B					
Barry	Alabama	3	7A					
Barry	Alabama	3	7B					
Calhoun Power Company I, LLC	Alabama	55409	CT1					
Calhoun Power Company I, LLC	Alabama	55409	CT2					
Calhoun Power Company I, LLC	Alabama	55409	CT3					
Calhoun Power Company I, LLC	Alabama	55409	CT4					
Charles R Lowman	Alabama	56	1					
Charles R Lowman	Alabama	56	2					
Charles R Lowman	Alabama	56	3					
Colbert	Alabama	47	1					
Colbert	Alabama	47	2					
Colbert	Alabama	47	3					
Colbert	Alabama	47	4					
Colbert	Alabama	47	5					
Colbert	Alabama	47	CCT1					
Colbert	Alabama	47	CCT2					
Colbert	Alabama	47	CCT3					
Colbert	Alabama	47	CCT4					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
AMEA Sylacauga Plant	Alabama	56018	1					Y
AMEA Sylacauga Plant	Alabama	56018	2					Y
Barry	Alabama	3	1					Y
Barry	Alabama	3	2					Y
Barry	Alabama	3	3					Y
Barry	Alabama	3	4					Y
Barry	Alabama	3	5					Y
Barry	Alabama	3	6A					Y
Barry	Alabama	3	6B					Y
Barry	Alabama	3	7A					Y
Barry	Alabama	3	7B					Y
Calhoun Power Company I, LLC	Alabama	55409	CT1					Y
Calhoun Power Company I, LLC	Alabama	55409	CT2					Y
Calhoun Power Company I, LLC	Alabama	55409	CT3					Y
Calhoun Power Company I, LLC	Alabama	55409	CT4					Y
Charles R Lowman	Alabama	56	1					Y
Charles R Lowman	Alabama	56	2					Y
Charles R Lowman	Alabama	56	3					Y
Colbert	Alabama	47	1					Y
Colbert	Alabama	47	2					Y
Colbert	Alabama	47	3					Y
Colbert	Alabama	47	4					Y
Colbert	Alabama	47	5					Y
Colbert	Alabama	47	CCT1					Y
Colbert	Alabama	47	CCT2					Y
Colbert	Alabama	47	CCT3					Y
Colbert	Alabama	47	CCT4					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
AMEA Sylacauga Plant	Alabama	56018	1		Y	Y		
AMEA Sylacauga Plant	Alabama	56018	2		Y	Y		
Barry	Alabama	3	1		Y	Y		
Barry	Alabama	3	2		Y	Y		
Barry	Alabama	3	3		Y	Y		
Barry	Alabama	3	4		Y	Y		
Barry	Alabama	3	5		Y	Y		
Barry	Alabama	3	6A		Y	Y		
Barry	Alabama	3	6B		Y	Y		
Barry	Alabama	3	7A		Y	Y		
Barry	Alabama	3	7B		Y	Y		
Calhoun Power Company I, LLC	Alabama	55409	CT1		Y	Y		
Calhoun Power Company I, LLC	Alabama	55409	CT2		Y	Y		
Calhoun Power Company I, LLC	Alabama	55409	CT3		Y	Y		
Calhoun Power Company I, LLC	Alabama	55409	CT4		Y	Y		
Charles R Lowman	Alabama	56	1		Y	Y		
Charles R Lowman	Alabama	56	2		Y	Y		
Charles R Lowman	Alabama	56	3		Y	Y		
Colbert	Alabama	47	1		Y	Y		
Colbert	Alabama	47	2		Y	Y		
Colbert	Alabama	47	3		Y	Y		
Colbert	Alabama	47	4		Y	Y		
Colbert	Alabama	47	5		Y	Y		
Colbert	Alabama	47	CCT1		Y	Y		
Colbert	Alabama	47	CCT2		Y	Y		
Colbert	Alabama	47	CCT3		Y	Y		
Colbert	Alabama	47	CCT4		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Colbert	Alabama	47	CCT5	88154	3,822	684	7,621	1,916	5,309
Colbert	Alabama	47	CCT6	88155	3,572	852	6,994	1,850	4,440
Colbert	Alabama	47	CCT7	88156	3,410	749	6,242	2,662	3,928
Colbert	Alabama	47	CCT8	88157	1,004	1,092	3,686	2,478	4,254
Decatur Energy Center	Alabama	55292	CTG-1	4459	5,331,410	7,327,447	3,978,942	7,836,228	8,383,928
Decatur Energy Center	Alabama	55292	CTG-2	4460	5,886,105	6,136,576	4,287,635	8,419,667	8,550,620
Decatur Energy Center	Alabama	55292	CTG-3	4461	5,845,579	6,936,128	4,664,481	8,427,521	9,379,529
Discover	Alabama	55138	1A	88304	22,264	30,233	2,932	2,053	28,266
Discover	Alabama	55138	1B	88305	23,053	30,935	3,462	2,047	26,675
Discover	Alabama	55138	2A	88306	20,750	29,363	3,122	1,963	26,349
Discover	Alabama	55138	2B	88307	12,604	32,165	3,449	2,185	28,654
E B Harris Generating Plant	Alabama	7897	1A	3355	4,986,517	6,861,607	5,759,288	6,388,834	6,943,502
E B Harris Generating Plant	Alabama	7897	1B	3356	5,089,752	6,946,687	5,819,421	6,478,471	6,554,854
E B Harris Generating Plant	Alabama	7897	2A	3357	3,517,671	5,098,931	3,727,176	5,086,812	7,941,234
E B Harris Generating Plant	Alabama	7897	2B	3358	3,410,422	4,908,143	3,711,135	4,986,849	7,814,948
E C Gaston	Alabama	26	1	30	15,619,878	16,170,041	13,864,577	9,024,537	7,023,977
E C Gaston	Alabama	26	2	31	14,545,862	16,801,243	12,833,397	11,062,434	9,594,548
E C Gaston	Alabama	26	3	32	14,921,976	14,261,262	18,962,429	8,007,195	14,487,146
E C Gaston	Alabama	26	4	33	14,822,841	14,839,136	15,520,047	3,262,173	11,414,750
E C Gaston	Alabama	26	5	34	60,417,707	63,694,294	55,652,944	54,993,276	53,310,952
Gadsden	Alabama	7	1	11	2,823,321	4,356,059	4,085,627	2,893,367	2,093,117
Gadsden	Alabama	7	2	12	3,168,743	3,090,780	4,322,792	804,432	1,521,131
Gorgas	Alabama	8	10	13	48,224,357	42,135,272	45,396,631	41,302,396	48,716,556
Gorgas	Alabama	8	6	15	5,502,575	5,995,876	5,540,132	1,089,895	2,662,913
Gorgas	Alabama	8	7	16	7,252,897	6,307,629	6,486,056	1,095,570	2,740,034
Gorgas	Alabama	8	8	17	9,258,664	10,188,381	11,514,702	6,068,391	7,619,241
Gorgas	Alabama	8	9	18	9,116,246	10,045,189	11,962,263	5,960,311	9,474,961

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Colbert	Alabama	47	CCT5	5,584	1,070,890,723	0.000005	211,712	208,993
Colbert	Alabama	47	CCT6	5,002	1,070,890,723	0.000005	211,712	208,993
Colbert	Alabama	47	CCT7	4,527	1,070,890,723	0.000004	211,712	208,993
Colbert	Alabama	47	CCT8	3,473	1,070,890,723	0.000003	211,712	208,993
Decatur Energy Center	Alabama	55292	CTG-1	7,849,201	1,070,890,723	0.007330	211,712	208,993
Decatur Energy Center	Alabama	55292	CTG-2	7,702,288	1,070,890,723	0.007192	211,712	208,993
Decatur Energy Center	Alabama	55292	CTG-3	8,247,726	1,070,890,723	0.007702	211,712	208,993
Discover	Alabama	55138	1A	26,921	1,070,890,723	0.000025	211,712	208,993
Discover	Alabama	55138	1B	26,888	1,070,890,723	0.000025	211,712	208,993
Discover	Alabama	55138	2A	25,488	1,070,890,723	0.000024	211,712	208,993
Discover	Alabama	55138	2B	24,474	1,070,890,723	0.000023	211,712	208,993
E B Harris Generating Plant	Alabama	7897	1A	6,731,314	1,070,890,723	0.006286	211,712	208,993
E B Harris Generating Plant	Alabama	7897	1B	6,660,004	1,070,890,723	0.006219	211,712	208,993
E B Harris Generating Plant	Alabama	7897	2A	6,042,326	1,070,890,723	0.005642	211,712	208,993
E B Harris Generating Plant	Alabama	7897	2B	5,903,313	1,070,890,723	0.005513	211,712	208,993
E C Gaston	Alabama	26	1	15,218,165	1,070,890,723	0.014211	211,712	208,993
E C Gaston	Alabama	26	2	14,726,834	1,070,890,723	0.013752	211,712	208,993
E C Gaston	Alabama	26	3	16,123,850	1,070,890,723	0.015056	211,712	208,993
E C Gaston	Alabama	26	4	15,060,675	1,070,890,723	0.014064	211,712	208,993
E C Gaston	Alabama	26	5	59,921,648	1,070,890,723	0.055955	211,712	208,993
Gadsden	Alabama	7	1	3,778,351	1,070,890,723	0.003528	211,712	208,993
Gadsden	Alabama	7	2	3,527,438	1,070,890,723	0.003294	211,712	208,993
Gorgas	Alabama	8	10	47,445,848	1,070,890,723	0.044305	211,712	208,993
Gorgas	Alabama	8	6	5,679,528	1,070,890,723	0.005304	211,712	208,993
Gorgas	Alabama	8	7	6,682,194	1,070,890,723	0.006240	211,712	208,993
Gorgas	Alabama	8	8	10,320,582	1,070,890,723	0.009637	211,712	208,993
Gorgas	Alabama	8	9	10,494,137	1,070,890,723	0.009799	211,712	208,993

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Colbert	Alabama	47	CCT5	71,237	70,523	1	1	0	0
Colbert	Alabama	47	CCT6	71,237	70,523	1	1	0	0
Colbert	Alabama	47	CCT7	71,237	70,523	1	1	0	0
Colbert	Alabama	47	CCT8	71,237	70,523	1	1	0	0
Decatur Energy Center	Alabama	55292	CTG-1	71,237	70,523	1,552	1,532	522	517
Decatur Energy Center	Alabama	55292	CTG-2	71,237	70,523	1,523	1,503	512	507
Decatur Energy Center	Alabama	55292	CTG-3	71,237	70,523	1,631	1,610	549	543
Discover	Alabama	55138	1A	71,237	70,523	5	5	2	2
Discover	Alabama	55138	1B	71,237	70,523	5	5	2	2
Discover	Alabama	55138	2A	71,237	70,523	5	5	2	2
Discover	Alabama	55138	2B	71,237	70,523	5	5	2	2
E B Harris Generating Plant	Alabama	7897	1A	71,237	70,523	1,331	1,314	448	443
E B Harris Generating Plant	Alabama	7897	1B	71,237	70,523	1,317	1,300	443	439
E B Harris Generating Plant	Alabama	7897	2A	71,237	70,523	1,195	1,179	402	398
E B Harris Generating Plant	Alabama	7897	2B	71,237	70,523	1,167	1,152	393	389
E C Gaston	Alabama	26	1	71,237	70,523	3,009	2,970	1,012	1,002
E C Gaston	Alabama	26	2	71,237	70,523	2,911	2,874	980	970
E C Gaston	Alabama	26	3	71,237	70,523	3,188	3,147	1,073	1,062
E C Gaston	Alabama	26	4	71,237	70,523	2,977	2,939	1,002	992
E C Gaston	Alabama	26	5	71,237	70,523	11,846	11,694	3,986	3,946
Gadsden	Alabama	7	1	71,237	70,523	747	737	251	249
Gadsden	Alabama	7	2	71,237	70,523	697	688	235	232
Gorgas	Alabama	8	10	71,237	70,523	9,380	9,259	3,156	3,125
Gorgas	Alabama	8	6	71,237	70,523	1,123	1,108	378	374
Gorgas	Alabama	8	7	71,237	70,523	1,321	1,304	445	440
Gorgas	Alabama	8	8	71,237	70,523	2,040	2,014	687	680
Gorgas	Alabama	8	9	71,237	70,523	2,075	2,048	698	691

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Colbert	Alabama	47	CCT5						
Colbert	Alabama	47	CCT6						
Colbert	Alabama	47	CCT7						
Colbert	Alabama	47	CCT8						
Decatur Energy Center	Alabama	55292	CTG-1	1	0	0	2	2	1
Decatur Energy Center	Alabama	55292	CTG-2	0	0	1	2	2	1
Decatur Energy Center	Alabama	55292	CTG-3	0	0	1	2	2	1
Discover	Alabama	55138	1A						
Discover	Alabama	55138	1B						
Discover	Alabama	55138	2A						
Discover	Alabama	55138	2B						
E B Harris Generating Plant	Alabama	7897	1A	1	1	1	1	2	2
E B Harris Generating Plant	Alabama	7897	1B	1	1	1	2	2	2
E B Harris Generating Plant	Alabama	7897	2A	0	1	1	1	2	1
E B Harris Generating Plant	Alabama	7897	2B	0	1	1	1	1	1
E C Gaston	Alabama	26	1	17,298	16,593	16,572	19,791	20,342	19,092
E C Gaston	Alabama	26	2	17,271	18,281	16,976	18,471	20,958	18,141
E C Gaston	Alabama	26	3	19,450	15,480	18,683	18,366	17,527	25,733
E C Gaston	Alabama	26	4	18,241	16,636	20,771	18,220	17,818	20,643
E C Gaston	Alabama	26	5	58,145	54,151	54,656	55,647	64,663	56,552
Gadsden	Alabama	7	1	5,297	4,306	4,922	3,822	5,556	5,425
Gadsden	Alabama	7	2	5,107	5,398	4,421	4,381	3,922	5,650
Gorgas	Alabama	8	10	29,993	27,974	35,669	41,963	34,436	1,598
Gorgas	Alabama	8	6	8,975	9,374	10,866	8,033	8,482	7,466
Gorgas	Alabama	8	7	8,805	11,241	11,417	10,478	8,931	8,803
Gorgas	Alabama	8	8	6,734	12,167	13,267	10,429	10,441	652
Gorgas	Alabama	8	9	4,838	10,903	12,841	10,365	10,311	688

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Colbert	Alabama	47	CCT5	0	0	0			
Colbert	Alabama	47	CCT6	0	0	0			
Colbert	Alabama	47	CCT7	1	0	1			
Colbert	Alabama	47	CCT8	1	0	1			
Decatur Energy Center	Alabama	55292	CTG-1	2	3	3			
Decatur Energy Center	Alabama	55292	CTG-2	3	3	3			
Decatur Energy Center	Alabama	55292	CTG-3	3	3	3			
Discover	Alabama	55138	1A	0	0	0			
Discover	Alabama	55138	1B	0	0	0			
Discover	Alabama	55138	2A	0	0	0			
Discover	Alabama	55138	2B	0	0	0			
E B Harris Generating Plant	Alabama	7897	1A	2	2	2			
E B Harris Generating Plant	Alabama	7897	1B	2	2	2			
E B Harris Generating Plant	Alabama	7897	2A	2	2	2			
E B Harris Generating Plant	Alabama	7897	2B	1	2	2			
E C Gaston	Alabama	26	1	13,928	10,293	20,342			
E C Gaston	Alabama	26	2	17,250	13,916	20,958			
E C Gaston	Alabama	26	3	12,326	20,535	25,733			
E C Gaston	Alabama	26	4	5,058	16,329	20,771			
E C Gaston	Alabama	26	5	54,418	12,067	64,663			
Gadsden	Alabama	7	1	3,109	2,657	5,556			
Gadsden	Alabama	7	2	817	1,891	5,650			
Gorgas	Alabama	8	10	1,184	798	41,963			
Gorgas	Alabama	8	6	1,504	3,129	10,866			
Gorgas	Alabama	8	7	1,528	3,256	11,417			
Gorgas	Alabama	8	8	422	268	13,267			
Gorgas	Alabama	8	9	389	151	12,841			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Colbert	Alabama	47	CCT5				4	1	0
Colbert	Alabama	47	CCT6				4	1	1
Colbert	Alabama	47	CCT7				4	1	1
Colbert	Alabama	47	CCT8				4	1	1
Decatur Energy Center	Alabama	55292	CTG-1				20	6	21
Decatur Energy Center	Alabama	55292	CTG-2				20	10	23
Decatur Energy Center	Alabama	55292	CTG-3				82	14	38
Discover	Alabama	55138	1A				0	0	1
Discover	Alabama	55138	1B				0	0	1
Discover	Alabama	55138	2A				0	0	2
Discover	Alabama	55138	2B				0	0	2
E B Harris Generating Plant	Alabama	7897	1A				6	24	35
E B Harris Generating Plant	Alabama	7897	1B				6	18	59
E B Harris Generating Plant	Alabama	7897	2A				21	31	53
E B Harris Generating Plant	Alabama	7897	2B				18	26	47
E C Gaston	Alabama	26	1				3,970	3,674	3,099
E C Gaston	Alabama	26	2				4,137	4,087	3,211
E C Gaston	Alabama	26	3				4,380	3,706	3,817
E C Gaston	Alabama	26	4				4,115	3,951	4,257
E C Gaston	Alabama	26	5				13,510	11,940	10,988
Gadsden	Alabama	7	1				1,282	943	1,119
Gadsden	Alabama	7	2				1,195	1,077	925
Gorgas	Alabama	8	10				6,409	4,979	5,392
Gorgas	Alabama	8	6				1,595	1,474	1,641
Gorgas	Alabama	8	7				1,430	1,787	1,741
Gorgas	Alabama	8	8				2,364	2,395	2,106
Gorgas	Alabama	8	9				1,746	2,162	2,066

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Colbert	Alabama	47	CCT5	1	0	2	1	1	4
Colbert	Alabama	47	CCT6	1	0	2	1	1	4
Colbert	Alabama	47	CCT7	1	0	2	1	1	4
Colbert	Alabama	47	CCT8	0	0	1	1	1	4
Decatur Energy Center	Alabama	55292	CTG-1	37	42	28	35	38	42
Decatur Energy Center	Alabama	55292	CTG-2	34	33	30	40	34	40
Decatur Energy Center	Alabama	55292	CTG-3	35	40	28	33	39	82
Discover	Alabama	55138	1A	3	3	0	0	4	4
Discover	Alabama	55138	1B	4	3	0	1	3	4
Discover	Alabama	55138	2A	2	3	0	0	3	3
Discover	Alabama	55138	2B	2	3	0	0	3	3
E B Harris Generating Plant	Alabama	7897	1A	33	43	36	40	46	46
E B Harris Generating Plant	Alabama	7897	1B	30	43	36	40	46	59
E B Harris Generating Plant	Alabama	7897	2A	26	38	31	44	48	53
E B Harris Generating Plant	Alabama	7897	2B	23	34	30	36	43	47
E C Gaston	Alabama	26	1	2,883	3,272	2,839	1,800	1,437	3,970
E C Gaston	Alabama	26	2	2,721	3,397	2,571	2,194	2,075	4,137
E C Gaston	Alabama	26	3	3,141	3,014	4,147	1,788	3,065	4,380
E C Gaston	Alabama	26	4	3,105	3,098	3,412	626	2,401	4,257
E C Gaston	Alabama	26	5	7,988	8,139	8,866	3,884	2,467	13,510
Gadsden	Alabama	7	1	851	1,213	1,273	592	520	1,282
Gadsden	Alabama	7	2	883	843	1,259	204	406	1,259
Gorgas	Alabama	8	10	6,811	5,727	8,401	3,513	5,214	8,401
Gorgas	Alabama	8	6	1,182	1,354	1,230	246	596	1,641
Gorgas	Alabama	8	7	1,586	1,445	1,446	253	615	1,787
Gorgas	Alabama	8	8	1,754	2,019	2,300	687	777	2,395
Gorgas	Alabama	8	9	1,743	2,036	2,405	675	1,051	2,405

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Colbert	Alabama	47	CCT5						
Colbert	Alabama	47	CCT6						
Colbert	Alabama	47	CCT7						
Colbert	Alabama	47	CCT8						
Decatur Energy Center	Alabama	55292	CTG-1						
Decatur Energy Center	Alabama	55292	CTG-2						
Decatur Energy Center	Alabama	55292	CTG-3						
Discover	Alabama	55138	1A						
Discover	Alabama	55138	1B						
Discover	Alabama	55138	2A						
Discover	Alabama	55138	2B						
E B Harris Generating Plant	Alabama	7897	1A						
E B Harris Generating Plant	Alabama	7897	1B						
E B Harris Generating Plant	Alabama	7897	2A						
E B Harris Generating Plant	Alabama	7897	2B						
E C Gaston	Alabama	26	1						
E C Gaston	Alabama	26	2						
E C Gaston	Alabama	26	3						
E C Gaston	Alabama	26	4						
E C Gaston	Alabama	26	5						
Gadsden	Alabama	7	1						
Gadsden	Alabama	7	2						
Gorgas	Alabama	8	10						
Gorgas	Alabama	8	6						
Gorgas	Alabama	8	7						
Gorgas	Alabama	8	8						
Gorgas	Alabama	8	9						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Colbert	Alabama	47	CCT5		0		
Colbert	Alabama	47	CCT6		0		
Colbert	Alabama	47	CCT7		1		
Colbert	Alabama	47	CCT8		1		
Decatur Energy Center	Alabama	55292	CTG-1		3		
Decatur Energy Center	Alabama	55292	CTG-2		3		
Decatur Energy Center	Alabama	55292	CTG-3		3		
Discover	Alabama	55138	1A		0		
Discover	Alabama	55138	1B		0		
Discover	Alabama	55138	2A		0		
Discover	Alabama	55138	2B		0		
E B Harris Generating Plant	Alabama	7897	1A		2		
E B Harris Generating Plant	Alabama	7897	1B		2		
E B Harris Generating Plant	Alabama	7897	2A		2		
E B Harris Generating Plant	Alabama	7897	2B		2		
E C Gaston	Alabama	26	1		4,028		
E C Gaston	Alabama	26	2		3,898		
E C Gaston	Alabama	26	3		4,267		
E C Gaston	Alabama	26	4		3,986		
E C Gaston	Alabama	26	5		15,859		
Gadsden	Alabama	7	1		1,000		
Gadsden	Alabama	7	2		934		
Gorgas	Alabama	8	10		12,557		
Gorgas	Alabama	8	6		1,503		
Gorgas	Alabama	8	7		1,768		
Gorgas	Alabama	8	8		2,731		
Gorgas	Alabama	8	9		2,777		

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Colbert	Alabama	47	CCT5				
Colbert	Alabama	47	CCT6				
Colbert	Alabama	47	CCT7				
Colbert	Alabama	47	CCT8				
Decatur Energy Center	Alabama	55292	CTG-1				
Decatur Energy Center	Alabama	55292	CTG-2				
Decatur Energy Center	Alabama	55292	CTG-3				
Discover	Alabama	55138	1A				
Discover	Alabama	55138	1B				
Discover	Alabama	55138	2A				
Discover	Alabama	55138	2B				
E B Harris Generating Plant	Alabama	7897	1A				
E B Harris Generating Plant	Alabama	7897	1B				
E B Harris Generating Plant	Alabama	7897	2A				
E B Harris Generating Plant	Alabama	7897	2B				
E C Gaston	Alabama	26	1				
E C Gaston	Alabama	26	2				
E C Gaston	Alabama	26	3				
E C Gaston	Alabama	26	4				
E C Gaston	Alabama	26	5				
Gadsden	Alabama	7	1				
Gadsden	Alabama	7	2				
Gorgas	Alabama	8	10				
Gorgas	Alabama	8	6				
Gorgas	Alabama	8	7				
Gorgas	Alabama	8	8				
Gorgas	Alabama	8	9				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Colbert	Alabama	47	CCT5				
Colbert	Alabama	47	CCT6				
Colbert	Alabama	47	CCT7				
Colbert	Alabama	47	CCT8				
Decatur Energy Center	Alabama	55292	CTG-1				
Decatur Energy Center	Alabama	55292	CTG-2				
Decatur Energy Center	Alabama	55292	CTG-3				
Discover	Alabama	55138	1A				
Discover	Alabama	55138	1B				
Discover	Alabama	55138	2A				
Discover	Alabama	55138	2B				
E B Harris Generating Plant	Alabama	7897	1A				
E B Harris Generating Plant	Alabama	7897	1B				
E B Harris Generating Plant	Alabama	7897	2A				
E B Harris Generating Plant	Alabama	7897	2B				
E C Gaston	Alabama	26	1				
E C Gaston	Alabama	26	2				
E C Gaston	Alabama	26	3				
E C Gaston	Alabama	26	4				
E C Gaston	Alabama	26	5				
Gadsden	Alabama	7	1				
Gadsden	Alabama	7	2				
Gorgas	Alabama	8	10				
Gorgas	Alabama	8	6				
Gorgas	Alabama	8	7				
Gorgas	Alabama	8	8				
Gorgas	Alabama	8	9				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Colbert	Alabama	47	CCT5	3,822	684	718	641	4,528	3,023
Colbert	Alabama	47	CCT6	3,572	852	697	604	3,600	2,675
Colbert	Alabama	47	CCT7	3,410	749	798	1,089	2,901	2,467
Colbert	Alabama	47	CCT8	1,004	1,092	1,992	1,126	2,818	1,979
Decatur Energy Center	Alabama	55292	CTG-1	3,037,134	2,973,054	1,365,118	3,477,264	4,048,902	3,521,100
Decatur Energy Center	Alabama	55292	CTG-2	3,451,902	2,063,747	1,583,153	3,860,516	3,989,732	3,767,384
Decatur Energy Center	Alabama	55292	CTG-3	3,328,666	3,209,221	1,827,276	3,762,932	4,493,661	3,861,753
Discover	Alabama	55138	1A	21,900	29,856	2,899		22,064	24,607
Discover	Alabama	55138	1B	22,677	30,544	3,018		20,392	24,538
Discover	Alabama	55138	2A	20,395	28,976	2,723	7	20,554	23,308
Discover	Alabama	55138	2B	12,212	31,751	3,000	7	22,433	22,132
E B Harris Generating Plant	Alabama	7897	1A	3,530,790	4,072,487	3,306,245	3,598,660	4,285,864	3,985,670
E B Harris Generating Plant	Alabama	7897	1B	3,623,848	4,068,086	3,337,655	3,640,934	3,816,405	3,841,809
E B Harris Generating Plant	Alabama	7897	2A	2,778,868	3,376,080	2,210,334	3,219,841	4,325,666	3,640,529
E B Harris Generating Plant	Alabama	7897	2B	2,737,215	3,255,506	2,213,834	3,152,866	4,227,760	3,545,378
E C Gaston	Alabama	26	1	5,600,977	6,540,355	7,017,755	3,141,610	3,425,573	6,386,362
E C Gaston	Alabama	26	2	5,728,829	5,947,047	5,332,827	5,034,675	5,327,366	5,669,568
E C Gaston	Alabama	26	3	5,397,678	6,723,355	7,821,067	3,932,557	6,290,356	6,944,926
E C Gaston	Alabama	26	4	5,671,560	5,426,780	7,222,464	2,423,174	5,750,878	6,214,967
E C Gaston	Alabama	26	5	28,927,639	27,814,148	22,431,544	22,561,185	26,969,429	27,903,739
Gadsden	Alabama	7	1	1,404,706	1,773,487	2,034,439	1,276,737	1,022,039	1,737,544
Gadsden	Alabama	7	2	1,260,164	1,353,846	1,873,360	252,852	636,095	1,495,790
Gorgas	Alabama	8	10	22,805,226	23,380,702	21,392,340	22,446,078	21,084,382	22,877,336
Gorgas	Alabama	8	6	2,476,890	2,510,842	3,036,126	452,458	1,343,546	2,674,620
Gorgas	Alabama	8	7	2,858,263	2,319,054	3,194,136	504,787	1,373,508	2,790,484
Gorgas	Alabama	8	8	4,258,522	5,057,122	4,946,752	2,552,552	3,559,692	4,754,132
Gorgas	Alabama	8	9	4,134,316	4,292,277	5,057,809	4,210,134	3,908,196	4,520,073

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Colbert	Alabama	47	CCT5	501,794,015	0.000006	31,111	30,869	0	0
Colbert	Alabama	47	CCT6	501,794,015	0.000005	31,111	30,869	0	0
Colbert	Alabama	47	CCT7	501,794,015	0.000005	31,111	30,869	0	0
Colbert	Alabama	47	CCT8	501,794,015	0.000004	31,111	30,869	0	0
Decatur Energy Center	Alabama	55292	CTG-1	501,794,015	0.007017	31,111	30,869	218	217
Decatur Energy Center	Alabama	55292	CTG-2	501,794,015	0.007508	31,111	30,869	234	232
Decatur Energy Center	Alabama	55292	CTG-3	501,794,015	0.007696	31,111	30,869	239	238
Discover	Alabama	55138	1A	501,794,015	0.000049	31,111	30,869	2	2
Discover	Alabama	55138	1B	501,794,015	0.000049	31,111	30,869	2	2
Discover	Alabama	55138	2A	501,794,015	0.000046	31,111	30,869	1	1
Discover	Alabama	55138	2B	501,794,015	0.000044	31,111	30,869	1	1
E B Harris Generating Plant	Alabama	7897	1A	501,794,015	0.007943	31,111	30,869	247	245
E B Harris Generating Plant	Alabama	7897	1B	501,794,015	0.007656	31,111	30,869	238	236
E B Harris Generating Plant	Alabama	7897	2A	501,794,015	0.007255	31,111	30,869	226	224
E B Harris Generating Plant	Alabama	7897	2B	501,794,015	0.007065	31,111	30,869	220	218
E C Gaston	Alabama	26	1	501,794,015	0.012727	31,111	30,869	396	393
E C Gaston	Alabama	26	2	501,794,015	0.011299	31,111	30,869	352	349
E C Gaston	Alabama	26	3	501,794,015	0.013840	31,111	30,869	431	427
E C Gaston	Alabama	26	4	501,794,015	0.012385	31,111	30,869	385	382
E C Gaston	Alabama	26	5	501,794,015	0.055608	31,111	30,869	1,730	1,717
Gadsden	Alabama	7	1	501,794,015	0.003463	31,111	30,869	108	107
Gadsden	Alabama	7	2	501,794,015	0.002981	31,111	30,869	93	92
Gorgas	Alabama	8	10	501,794,015	0.045591	31,111	30,869	1,418	1,407
Gorgas	Alabama	8	6	501,794,015	0.005330	31,111	30,869	166	165
Gorgas	Alabama	8	7	501,794,015	0.005561	31,111	30,869	173	172
Gorgas	Alabama	8	8	501,794,015	0.009474	31,111	30,869	295	292
Gorgas	Alabama	8	9	501,794,015	0.009008	31,111	30,869	280	278

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Colbert	Alabama	47	CCT5	4	1	0	1	0	0
Colbert	Alabama	47	CCT6	4	1	1	1	0	0
Colbert	Alabama	47	CCT7	4	1	1	1	0	0
Colbert	Alabama	47	CCT8	4	1	1	0	0	1
Decatur Energy Center	Alabama	55292	CTG-1	15	6	10	20	18	8
Decatur Energy Center	Alabama	55292	CTG-2	15	10	14	22	12	14
Decatur Energy Center	Alabama	55292	CTG-3	73	14	24	18	20	10
Discover	Alabama	55138	1A	0	0	1	3	3	0
Discover	Alabama	55138	1B	0	0	1	4	3	0
Discover	Alabama	55138	2A	0	0	1	2	3	0
Discover	Alabama	55138	2B	0	0	1	1	3	0
E B Harris Generating Plant	Alabama	7897	1A	4	11	22	20	26	21
E B Harris Generating Plant	Alabama	7897	1B	4	7	49	21	25	21
E B Harris Generating Plant	Alabama	7897	2A	16	15	33	20	25	18
E B Harris Generating Plant	Alabama	7897	2B	13	12	23	18	21	19
E C Gaston	Alabama	26	1	1,416	1,662	1,282	997	1,297	1,441
E C Gaston	Alabama	26	2	2,030	1,697	1,292	1,031	1,168	1,080
E C Gaston	Alabama	26	3	1,802	1,959	1,350	1,065	1,404	1,710
E C Gaston	Alabama	26	4	1,760	1,710	1,811	1,122	1,127	1,587
E C Gaston	Alabama	26	5	5,891	4,778	5,104	1,130	1,020	1,621
Gadsden	Alabama	7	1	557	291	402	380	457	624
Gadsden	Alabama	7	2	435	392	351	320	357	546
Gorgas	Alabama	8	10	850	757	853	749	1,062	2,352
Gorgas	Alabama	8	6	628	539	730	529	566	667
Gorgas	Alabama	8	7	698	753	697	620	536	702
Gorgas	Alabama	8	8	996	959	882	792	971	632
Gorgas	Alabama	8	9	851	962	809	778	817	663

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Colbert	Alabama	47	CCT5	0	1	4			
Colbert	Alabama	47	CCT6	0	1	4			
Colbert	Alabama	47	CCT7	0	1	4			
Colbert	Alabama	47	CCT8	0	1	4			
Decatur Energy Center	Alabama	55292	CTG-1	15	18	20			
Decatur Energy Center	Alabama	55292	CTG-2	17	16	22			
Decatur Energy Center	Alabama	55292	CTG-3	14	19	73			
Discover	Alabama	55138	1A		3	3			
Discover	Alabama	55138	1B		2	4			
Discover	Alabama	55138	2A		2	3			
Discover	Alabama	55138	2B		2	3			
E B Harris Generating Plant	Alabama	7897	1A	23	28	28			
E B Harris Generating Plant	Alabama	7897	1B	22	28	49			
E B Harris Generating Plant	Alabama	7897	2A	28	26	33			
E B Harris Generating Plant	Alabama	7897	2B	22	23	23			
E C Gaston	Alabama	26	1	635	722	1,662			
E C Gaston	Alabama	26	2	1,025	1,186	2,030			
E C Gaston	Alabama	26	3	839	1,346	1,959			
E C Gaston	Alabama	26	4	479	1,225	1,811			
E C Gaston	Alabama	26	5	959	1,048	5,891			
Gadsden	Alabama	7	1	245	264	624			
Gadsden	Alabama	7	2	59	173	546			
Gorgas	Alabama	8	10	1,864	1,818	2,352			
Gorgas	Alabama	8	6	105	292	730			
Gorgas	Alabama	8	7	117	298	753			
Gorgas	Alabama	8	8	265	330	996			
Gorgas	Alabama	8	9	406	353	962			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Colbert	Alabama	47	CCT5					
Colbert	Alabama	47	CCT6					
Colbert	Alabama	47	CCT7					
Colbert	Alabama	47	CCT8					
Decatur Energy Center	Alabama	55292	CTG-1					
Decatur Energy Center	Alabama	55292	CTG-2					
Decatur Energy Center	Alabama	55292	CTG-3					
Discover	Alabama	55138	1A					
Discover	Alabama	55138	1B					
Discover	Alabama	55138	2A					
Discover	Alabama	55138	2B					
E B Harris Generating Plant	Alabama	7897	1A					
E B Harris Generating Plant	Alabama	7897	1B					
E B Harris Generating Plant	Alabama	7897	2A					
E B Harris Generating Plant	Alabama	7897	2B					
E C Gaston	Alabama	26	1					
E C Gaston	Alabama	26	2					
E C Gaston	Alabama	26	3					
E C Gaston	Alabama	26	4					
E C Gaston	Alabama	26	5					
Gadsden	Alabama	7	1					
Gadsden	Alabama	7	2					
Gorgas	Alabama	8	10					
Gorgas	Alabama	8	6					
Gorgas	Alabama	8	7					
Gorgas	Alabama	8	8					
Gorgas	Alabama	8	9					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Colbert	Alabama	47	CCT5					Y
Colbert	Alabama	47	CCT6					Y
Colbert	Alabama	47	CCT7					Y
Colbert	Alabama	47	CCT8					Y
Decatur Energy Center	Alabama	55292	CTG-1					Y
Decatur Energy Center	Alabama	55292	CTG-2					Y
Decatur Energy Center	Alabama	55292	CTG-3					Y
Discover	Alabama	55138	1A					Y
Discover	Alabama	55138	1B					Y
Discover	Alabama	55138	2A					Y
Discover	Alabama	55138	2B					Y
E B Harris Generating Plant	Alabama	7897	1A					Y
E B Harris Generating Plant	Alabama	7897	1B					Y
E B Harris Generating Plant	Alabama	7897	2A					Y
E B Harris Generating Plant	Alabama	7897	2B					Y
E C Gaston	Alabama	26	1					Y
E C Gaston	Alabama	26	2					Y
E C Gaston	Alabama	26	3					Y
E C Gaston	Alabama	26	4					Y
E C Gaston	Alabama	26	5					Y
Gadsden	Alabama	7	1					Y
Gadsden	Alabama	7	2					Y
Gorgas	Alabama	8	10					Y
Gorgas	Alabama	8	6					Y
Gorgas	Alabama	8	7					Y
Gorgas	Alabama	8	8					Y
Gorgas	Alabama	8	9					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Colbert	Alabama	47	CCT5		Y	Y		
Colbert	Alabama	47	CCT6		Y	Y		
Colbert	Alabama	47	CCT7		Y	Y		
Colbert	Alabama	47	CCT8		Y	Y		
Decatur Energy Center	Alabama	55292	CTG-1		Y	Y		
Decatur Energy Center	Alabama	55292	CTG-2		Y	Y		
Decatur Energy Center	Alabama	55292	CTG-3		Y	Y		
Discover	Alabama	55138	1A		Y	Y		
Discover	Alabama	55138	1B		Y	Y		
Discover	Alabama	55138	2A		Y	Y		
Discover	Alabama	55138	2B		Y	Y		
E B Harris Generating Plant	Alabama	7897	1A		Y	Y		
E B Harris Generating Plant	Alabama	7897	1B		Y	Y		
E B Harris Generating Plant	Alabama	7897	2A		Y	Y		
E B Harris Generating Plant	Alabama	7897	2B		Y	Y		
E C Gaston	Alabama	26	1		Y	Y		
E C Gaston	Alabama	26	2		Y	Y		
E C Gaston	Alabama	26	3		Y	Y		
E C Gaston	Alabama	26	4		Y	Y		
E C Gaston	Alabama	26	5		Y	Y		
Gadsden	Alabama	7	1		Y	Y		
Gadsden	Alabama	7	2		Y	Y		
Gorgas	Alabama	8	10		Y	Y		
Gorgas	Alabama	8	6		Y	Y		
Gorgas	Alabama	8	7		Y	Y		
Gorgas	Alabama	8	8		Y	Y		
Gorgas	Alabama	8	9		Y	Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Greene County	Alabama	10	1	19	19,489,393	21,327,949	17,646,596	15,840,096	15,639,091
Greene County	Alabama	10	2	20	20,164,940	19,447,042	20,949,382	8,446,592	11,918,705
Greene County	Alabama	10	CT10	21	311,734	415,166	266,206	144,782	75,355
Greene County	Alabama	10	CT2	22	370,709	671,656	285,812	217,080	122,539
Greene County	Alabama	10	CT3	23	449,006	571,116	216,771	278,772	98,554
Greene County	Alabama	10	CT4	24	433,710	542,475	128,476	218,790	102,639
Greene County	Alabama	10	CT5	25	369,079	575,905	270,583	242,701	96,212
Greene County	Alabama	10	CT6	26	438,830	651,406	279,392	185,203	72,986
Greene County	Alabama	10	CT7	27	424,572	593,888	329,475	150,269	74,301
Greene County	Alabama	10	CT8	28	291,932	379,779	211,044	151,091	81,472
Greene County	Alabama	10	CT9	29	312,637	418,581	177,377	159,158	60,712
Hillabee Energy Center	Alabama	55411	CT1	4695					8,765,460
Hillabee Energy Center	Alabama	55411	CT2	4696					8,397,261
Hog Bayou Energy Center	Alabama	55241	COG01	4286	145,650	693,735	1,155,562	2,058,742	4,293,437
James H Miller Jr	Alabama	6002	1	2669	55,639,804	64,282,883	49,581,789	58,562,355	49,043,996
James H Miller Jr	Alabama	6002	2	2670	54,366,813	61,390,374	51,193,843	55,566,068	53,473,641
James H Miller Jr	Alabama	6002	3	2671	61,621,877	53,542,668	55,977,116	46,526,987	60,684,896
James H Miller Jr	Alabama	6002	4	2672	57,085,018	51,860,948	52,710,825	48,488,958	53,254,617
McIntosh (7063)	Alabama	7063	**1	2924	51,073	21,940	265,770	86,774	144,725
McIntosh (7063)	Alabama	7063	**2	2925	81,422	130,547	103,299	96,556	268,341
McIntosh (7063)	Alabama	7063	**3	2926	87,131	79,955	54,192	123,990	273,480
McWilliams	Alabama	533	**4	320	722,786	678,225	861,796	947,834	2,300,715
McWilliams	Alabama	533	**V1	324	4,297,547	3,987,147	4,870,781	8,651,030	9,323,289
McWilliams	Alabama	533	**V2	325	2,923,142	3,110,918	2,838,982	7,674,351	9,784,492
Morgan Energy Center	Alabama	55293	CT-1	4462	9,345,277	12,183,185	9,460,253	11,194,492	8,743,122
Morgan Energy Center	Alabama	55293	CT-2	4463	5,576,314	5,495,326	3,213,926	9,605,279	9,196,823
Morgan Energy Center	Alabama	55293	CT-3	4464	4,027,904	5,638,475	5,542,854	10,147,329	10,697,982

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Greene County	Alabama	10	1	19,487,979	1,070,890,723	0.018198	211,712	208,993
Greene County	Alabama	10	2	20,187,122	1,070,890,723	0.018851	211,712	208,993
Greene County	Alabama	10	CT10	331,035	1,070,890,723	0.000309	211,712	208,993
Greene County	Alabama	10	CT2	442,725	1,070,890,723	0.000413	211,712	208,993
Greene County	Alabama	10	CT3	432,965	1,070,890,723	0.000404	211,712	208,993
Greene County	Alabama	10	CT4	398,325	1,070,890,723	0.000372	211,712	208,993
Greene County	Alabama	10	CT5	405,189	1,070,890,723	0.000378	211,712	208,993
Greene County	Alabama	10	CT6	456,543	1,070,890,723	0.000426	211,712	208,993
Greene County	Alabama	10	CT7	449,312	1,070,890,723	0.000420	211,712	208,993
Greene County	Alabama	10	CT8	294,251	1,070,890,723	0.000275	211,712	208,993
Greene County	Alabama	10	CT9	302,865	1,070,890,723	0.000283	211,712	208,993
Hillabee Energy Center	Alabama	55411	CT1	8,765,460	1,070,890,723	0.008185	211,712	208,993
Hillabee Energy Center	Alabama	55411	CT2	8,397,261	1,070,890,723	0.007841	211,712	208,993
Hog Bayou Energy Center	Alabama	55241	COG01	2,502,580	1,070,890,723	0.002337	211,712	208,993
James H Miller Jr	Alabama	6002	1	59,495,014	1,070,890,723	0.055557	211,712	208,993
James H Miller Jr	Alabama	6002	2	57,107,752	1,070,890,723	0.053327	211,712	208,993
James H Miller Jr	Alabama	6002	3	59,427,963	1,070,890,723	0.055494	211,712	208,993
James H Miller Jr	Alabama	6002	4	54,350,153	1,070,890,723	0.050752	211,712	208,993
McIntosh (7063)	Alabama	7063	**1	165,756	1,070,890,723	0.000155	211,712	208,993
McIntosh (7063)	Alabama	7063	**2	167,396	1,070,890,723	0.000156	211,712	208,993
McIntosh (7063)	Alabama	7063	**3	161,533	1,070,890,723	0.000151	211,712	208,993
McWilliams	Alabama	533	**4	1,370,115	1,070,890,723	0.001279	211,712	208,993
McWilliams	Alabama	533	**V1	7,615,033	1,070,890,723	0.007111	211,712	208,993
McWilliams	Alabama	533	**V2	6,856,587	1,070,890,723	0.006403	211,712	208,993
Morgan Energy Center	Alabama	55293	CT-1	10,945,976	1,070,890,723	0.010221	211,712	208,993
Morgan Energy Center	Alabama	55293	CT-2	8,126,139	1,070,890,723	0.007588	211,712	208,993
Morgan Energy Center	Alabama	55293	CT-3	8,827,929	1,070,890,723	0.008244	211,712	208,993

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Greene County	Alabama	10	1	71,237	70,523	3,853	3,803	1,296	1,283
Greene County	Alabama	10	2	71,237	70,523	3,991	3,940	1,343	1,329
Greene County	Alabama	10	CT10	71,237	70,523	65	65	22	22
Greene County	Alabama	10	CT2	71,237	70,523	88	86	29	29
Greene County	Alabama	10	CT3	71,237	70,523	86	84	29	29
Greene County	Alabama	10	CT4	71,237	70,523	79	78	26	26
Greene County	Alabama	10	CT5	71,237	70,523	80	79	27	27
Greene County	Alabama	10	CT6	71,237	70,523	90	89	30	30
Greene County	Alabama	10	CT7	71,237	70,523	89	88	30	30
Greene County	Alabama	10	CT8	71,237	70,523	58	57	20	19
Greene County	Alabama	10	CT9	71,237	70,523	60	59	20	20
Hillabee Energy Center	Alabama	55411	CT1	71,237	70,523	1,733	1,711	583	577
Hillabee Energy Center	Alabama	55411	CT2	71,237	70,523	1,660	1,639	559	553
Hog Bayou Energy Center	Alabama	55241	COG01	71,237	70,523	495	488	166	165
James H Miller Jr	Alabama	6002	1	71,237	70,523	11,762	11,611	3,958	3,918
James H Miller Jr	Alabama	6002	2	71,237	70,523	11,290	11,145	3,799	3,761
James H Miller Jr	Alabama	6002	3	71,237	70,523	11,749	11,598	3,953	3,914
James H Miller Jr	Alabama	6002	4	71,237	70,523	10,745	10,607	3,615	3,579
McIntosh (7063)	Alabama	7063	**1	71,237	70,523	33	32	11	11
McIntosh (7063)	Alabama	7063	**2	71,237	70,523	33	33	11	11
McIntosh (7063)	Alabama	7063	**3	71,237	70,523	32	32	11	11
McWilliams	Alabama	533	**4	71,237	70,523	271	267	91	90
McWilliams	Alabama	533	**V1	71,237	70,523	1,505	1,486	507	501
McWilliams	Alabama	533	**V2	71,237	70,523	1,356	1,338	456	452
Morgan Energy Center	Alabama	55293	CT-1	71,237	70,523	2,164	2,136	728	721
Morgan Energy Center	Alabama	55293	CT-2	71,237	70,523	1,607	1,586	541	535
Morgan Energy Center	Alabama	55293	CT-3	71,237	70,523	1,745	1,723	587	581

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Greene County	Alabama	10	1	18,469	17,224	22,449	18,705	16,380	10,432
Greene County	Alabama	10	2	21,311	16,868	23,094	19,155	14,268	13,732
Greene County	Alabama	10	CT10	33	1	5	0	0	1
Greene County	Alabama	10	CT2	31	0	5	0	1	3
Greene County	Alabama	10	CT3	30	5	5	0	1	2
Greene County	Alabama	10	CT4	22	5	9	0	0	1
Greene County	Alabama	10	CT5	34	1	9	0	0	2
Greene County	Alabama	10	CT6	32	1	4	0	0	2
Greene County	Alabama	10	CT7	34	1	10	1	0	1
Greene County	Alabama	10	CT8	34	3	10	0	0	1
Greene County	Alabama	10	CT9	36	3	6	0	0	2
Hillabee Energy Center	Alabama	55411	CT1						
Hillabee Energy Center	Alabama	55411	CT2						
Hog Bayou Energy Center	Alabama	55241	COG01	0	0	0	0	0	0
James H Miller Jr	Alabama	6002	1	10,988	10,265	13,167	13,114	16,967	13,628
James H Miller Jr	Alabama	6002	2	11,950	10,959	13,643	12,806	15,760	14,320
James H Miller Jr	Alabama	6002	3	10,888	13,467	12,158	14,236	13,515	15,305
James H Miller Jr	Alabama	6002	4	12,026	12,457	11,829	13,223	13,285	15,029
McIntosh (7063)	Alabama	7063	**1	0	0	0	0	0	0
McIntosh (7063)	Alabama	7063	**2	0	0	0	0	0	0
McIntosh (7063)	Alabama	7063	**3	0	0	0	0	0	0
McWilliams	Alabama	533	**4	1	0	0	0	0	0
McWilliams	Alabama	533	**V1	1	1	1	1	1	1
McWilliams	Alabama	533	**V2	1	1	1	1	1	1
Morgan Energy Center	Alabama	55293	CT-1	0	1	1	3	4	3
Morgan Energy Center	Alabama	55293	CT-2	0	1	1	2	2	1
Morgan Energy Center	Alabama	55293	CT-3	0	1	1	1	2	2

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Greene County	Alabama	10	1	20,665	18,979	22,449			
Greene County	Alabama	10	2	10,932	14,641	23,094			
Greene County	Alabama	10	CT10	1	1	33			
Greene County	Alabama	10	CT2	1	1	31			
Greene County	Alabama	10	CT3	0	1	30			
Greene County	Alabama	10	CT4	1	1	22			
Greene County	Alabama	10	CT5	1	1	34			
Greene County	Alabama	10	CT6	2	1	32			
Greene County	Alabama	10	CT7	1	0	34			
Greene County	Alabama	10	CT8	0	1	34			
Greene County	Alabama	10	CT9	0	0	36			
Hillabee Energy Center	Alabama	55411	CT1		3	3			
Hillabee Energy Center	Alabama	55411	CT2		3	3			
Hog Bayou Energy Center	Alabama	55241	COG01	1	1	1			
James H Miller Jr	Alabama	6002	1	17,158	13,716	17,158			
James H Miller Jr	Alabama	6002	2	17,014	4,401	17,014			
James H Miller Jr	Alabama	6002	3	13,231	4,047	15,305			
James H Miller Jr	Alabama	6002	4	14,839	3,651	15,029			
McIntosh (7063)	Alabama	7063	**1	0	0	0			
McIntosh (7063)	Alabama	7063	**2	0	0	0			
McIntosh (7063)	Alabama	7063	**3	0	0	0			
McWilliams	Alabama	533	**4	0	1	1			
McWilliams	Alabama	533	**V1	3	3	3			
McWilliams	Alabama	533	**V2	2	3	3			
Morgan Energy Center	Alabama	55293	CT-1	3	3	4			
Morgan Energy Center	Alabama	55293	CT-2	3	3	3			
Morgan Energy Center	Alabama	55293	CT-3	3	3	3			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Greene County	Alabama	10	1				6,565	3,284	3,505
Greene County	Alabama	10	2				4,158	3,219	3,800
Greene County	Alabama	10	CT10				19	7	10
Greene County	Alabama	10	CT2				15	7	14
Greene County	Alabama	10	CT3				17	8	9
Greene County	Alabama	10	CT4				13	9	24
Greene County	Alabama	10	CT5				21	7	17
Greene County	Alabama	10	CT6				19	6	8
Greene County	Alabama	10	CT7				19	7	23
Greene County	Alabama	10	CT8				17	7	15
Greene County	Alabama	10	CT9				22	7	21
Hillabee Energy Center	Alabama	55411	CT1						
Hillabee Energy Center	Alabama	55411	CT2						
Hog Bayou Energy Center	Alabama	55241	COG01				9	14	2
James H Miller Jr	Alabama	6002	1				6,432	6,087	5,036
James H Miller Jr	Alabama	6002	2				6,301	6,119	4,966
James H Miller Jr	Alabama	6002	3				3,707	5,583	5,279
James H Miller Jr	Alabama	6002	4				4,705	4,735	4,930
McIntosh (7063)	Alabama	7063	**1				36	41	37
McIntosh (7063)	Alabama	7063	**2				5	3	3
McIntosh (7063)	Alabama	7063	**3				5	2	2
McWilliams	Alabama	533	**4				240	27	27
McWilliams	Alabama	533	**V1				20	21	15
McWilliams	Alabama	533	**V2				31	27	15
Morgan Energy Center	Alabama	55293	CT-1				44	83	19
Morgan Energy Center	Alabama	55293	CT-2				112	41	32
Morgan Energy Center	Alabama	55293	CT-3				159	47	23

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Greene County	Alabama	10	1	2,888	2,965	2,229	2,786	2,795	6,565
Greene County	Alabama	10	2	3,493	3,149	3,249	1,534	2,144	4,158
Greene County	Alabama	10	CT10	13	18	12	5	3	19
Greene County	Alabama	10	CT2	17	28	12	8	5	28
Greene County	Alabama	10	CT3	18	21	8	8	3	21
Greene County	Alabama	10	CT4	17	22	5	8	4	24
Greene County	Alabama	10	CT5	13	21	9	8	3	21
Greene County	Alabama	10	CT6	17	25	9	7	2	25
Greene County	Alabama	10	CT7	19	23	13	6	3	23
Greene County	Alabama	10	CT8	12	16	9	5	3	17
Greene County	Alabama	10	CT9	11	14	7	5	2	22
Hillabee Energy Center	Alabama	55411	CT1					50	50
Hillabee Energy Center	Alabama	55411	CT2					41	41
Hog Bayou Energy Center	Alabama	55241	COG01	3	9	15	15	29	29
James H Miller Jr	Alabama	6002	1	4,672	5,780	4,243	2,332	2,555	6,432
James H Miller Jr	Alabama	6002	2	4,608	5,684	4,467	2,105	1,857	6,301
James H Miller Jr	Alabama	6002	3	6,548	5,457	4,354	1,867	2,204	6,548
James H Miller Jr	Alabama	6002	4	5,410	5,170	3,684	1,624	1,904	5,410
McIntosh (7063)	Alabama	7063	**1	7	15	31	10	16	41
McIntosh (7063)	Alabama	7063	**2	7	3	3	3	8	8
McIntosh (7063)	Alabama	7063	**3	3	2	2	4	9	9
McWilliams	Alabama	533	**4	22	19	26	30	69	240
McWilliams	Alabama	533	**V1	72	24	32	50	46	72
McWilliams	Alabama	533	**V2	17	21	20	46	53	53
Morgan Energy Center	Alabama	55293	CT-1	44	46	41	43	34	83
Morgan Energy Center	Alabama	55293	CT-2	43	39	34	37	43	112
Morgan Energy Center	Alabama	55293	CT-3	38	46	39	43	49	159

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Greene County	Alabama	10	1						
Greene County	Alabama	10	2						
Greene County	Alabama	10	CT10						
Greene County	Alabama	10	CT2						
Greene County	Alabama	10	CT3						
Greene County	Alabama	10	CT4						
Greene County	Alabama	10	CT5						
Greene County	Alabama	10	CT6						
Greene County	Alabama	10	CT7						
Greene County	Alabama	10	CT8						
Greene County	Alabama	10	CT9						
Hillabee Energy Center	Alabama	55411	CT1						
Hillabee Energy Center	Alabama	55411	CT2						
Hog Bayou Energy Center	Alabama	55241	COG01						
James H Miller Jr	Alabama	6002	1						
James H Miller Jr	Alabama	6002	2						
James H Miller Jr	Alabama	6002	3						
James H Miller Jr	Alabama	6002	4						
McIntosh (7063)	Alabama	7063	**1						
McIntosh (7063)	Alabama	7063	**2						
McIntosh (7063)	Alabama	7063	**3						
McWilliams	Alabama	533	**4						
McWilliams	Alabama	533	**V1						
McWilliams	Alabama	533	**V2						
Morgan Energy Center	Alabama	55293	CT-1						
Morgan Energy Center	Alabama	55293	CT-2						
Morgan Energy Center	Alabama	55293	CT-3						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Greene County	Alabama	10	1		5,158		
Greene County	Alabama	10	2		5,343		
Greene County	Alabama	10	CT10		33		
Greene County	Alabama	10	CT2		31		
Greene County	Alabama	10	CT3		30		
Greene County	Alabama	10	CT4		22		
Greene County	Alabama	10	CT5		34		
Greene County	Alabama	10	CT6		32		
Greene County	Alabama	10	CT7		34		
Greene County	Alabama	10	CT8		34		
Greene County	Alabama	10	CT9		36		
Hillabee Energy Center	Alabama	55411	CT1		3		
Hillabee Energy Center	Alabama	55411	CT2		3		
Hog Bayou Energy Center	Alabama	55241	COG01		1		
James H Miller Jr	Alabama	6002	1		15,746		
James H Miller Jr	Alabama	6002	2		15,114		
James H Miller Jr	Alabama	6002	3		15,305		
James H Miller Jr	Alabama	6002	4		14,384		
McIntosh (7063)	Alabama	7063	**1		0		
McIntosh (7063)	Alabama	7063	**2		0		
McIntosh (7063)	Alabama	7063	**3		0		
McWilliams	Alabama	533	**4		1		
McWilliams	Alabama	533	**V1		3		
McWilliams	Alabama	533	**V2		3		
Morgan Energy Center	Alabama	55293	CT-1		4		
Morgan Energy Center	Alabama	55293	CT-2		3		
Morgan Energy Center	Alabama	55293	CT-3		3		

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Greene County	Alabama	10	1				
Greene County	Alabama	10	2				
Greene County	Alabama	10	CT10				
Greene County	Alabama	10	CT2				
Greene County	Alabama	10	CT3				
Greene County	Alabama	10	CT4				
Greene County	Alabama	10	CT5				
Greene County	Alabama	10	CT6				
Greene County	Alabama	10	CT7				
Greene County	Alabama	10	CT8				
Greene County	Alabama	10	CT9				
Hillabee Energy Center	Alabama	55411	CT1				
Hillabee Energy Center	Alabama	55411	CT2				
Hog Bayou Energy Center	Alabama	55241	COG01				
James H Miller Jr	Alabama	6002	1				
James H Miller Jr	Alabama	6002	2				
James H Miller Jr	Alabama	6002	3				
James H Miller Jr	Alabama	6002	4				
McIntosh (7063)	Alabama	7063	**1				
McIntosh (7063)	Alabama	7063	**2				
McIntosh (7063)	Alabama	7063	**3				
McWilliams	Alabama	533	**4				
McWilliams	Alabama	533	**V1				
McWilliams	Alabama	533	**V2				
Morgan Energy Center	Alabama	55293	CT-1				
Morgan Energy Center	Alabama	55293	CT-2				
Morgan Energy Center	Alabama	55293	CT-3				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reappportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)
Greene County	Alabama	10	1				
Greene County	Alabama	10	2				
Greene County	Alabama	10	CT10				
Greene County	Alabama	10	CT2				
Greene County	Alabama	10	CT3				
Greene County	Alabama	10	CT4				
Greene County	Alabama	10	CT5				
Greene County	Alabama	10	CT6				
Greene County	Alabama	10	CT7				
Greene County	Alabama	10	CT8				
Greene County	Alabama	10	CT9				
Hillabee Energy Center	Alabama	55411	CT1				
Hillabee Energy Center	Alabama	55411	CT2				
Hog Bayou Energy Center	Alabama	55241	COG01				
James H Miller Jr	Alabama	6002	1				
James H Miller Jr	Alabama	6002	2				
James H Miller Jr	Alabama	6002	3				
James H Miller Jr	Alabama	6002	4				
McIntosh (7063)	Alabama	7063	**1				
McIntosh (7063)	Alabama	7063	**2				
McIntosh (7063)	Alabama	7063	**3				
McWilliams	Alabama	533	**4				
McWilliams	Alabama	533	**V1				
McWilliams	Alabama	533	**V2				
Morgan Energy Center	Alabama	55293	CT-1				
Morgan Energy Center	Alabama	55293	CT-2				
Morgan Energy Center	Alabama	55293	CT-3				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Greene County	Alabama	10	1	7,651,008	8,152,112	8,272,224	6,982,727	6,752,031	8,025,114
Greene County	Alabama	10	2	8,417,579	9,095,466	8,753,440	4,172,392	5,573,208	8,755,495
Greene County	Alabama	10	CT10	198,696	253,232	121,521	71,589	32,658	191,150
Greene County	Alabama	10	CT2	258,578	479,222	106,696	140,010	61,045	292,603
Greene County	Alabama	10	CT3	309,997	442,119	83,908	207,217	49,739	319,778
Greene County	Alabama	10	CT4	282,793	362,454	42,137	139,373	32,334	261,540
Greene County	Alabama	10	CT5	219,382	287,869	80,905	149,590	22,396	218,947
Greene County	Alabama	10	CT6	268,558	362,335	90,723	134,136	11,928	255,009
Greene County	Alabama	10	CT7	280,012	314,291	127,807	81,630	20,178	240,703
Greene County	Alabama	10	CT8	172,425	216,227	54,304	73,167	45,217	153,940
Greene County	Alabama	10	CT9	182,330	246,246	55,398	72,255	25,421	166,944
Hillabee Energy Center	Alabama	55411	CT1					5,765,782	5,765,782
Hillabee Energy Center	Alabama	55411	CT2					5,361,432	5,361,432
Hog Bayou Energy Center	Alabama	55241	COG01	145,650	596,675	1,012,022	1,672,964	2,109,035	1,598,007
James H Miller Jr	Alabama	6002	1	26,479,334	27,530,683	24,415,791	24,282,612	24,072,571	26,141,936
James H Miller Jr	Alabama	6002	2	25,784,372	25,834,223	24,735,050	23,722,009	26,002,149	25,873,582
James H Miller Jr	Alabama	6002	3	25,897,215	25,792,790	23,669,545	22,498,629	27,248,160	26,312,722
James H Miller Jr	Alabama	6002	4	24,251,878	24,265,179	22,250,823	23,074,716	24,154,480	24,223,846
McIntosh (7063)	Alabama	7063	**1		21,815	203,751	29,975	82,914	105,546
McIntosh (7063)	Alabama	7063	**2	41,158	46,350	27,779	54,288	172,996	91,211
McIntosh (7063)	Alabama	7063	**3	52,881	28,011	12,582	64,786	198,488	105,385
McWilliams	Alabama	533	**4	491,009	348,270	549,529	627,881	1,305,398	827,602
McWilliams	Alabama	533	**V1	3,973,296	3,308,132	2,974,790	4,627,356	4,729,580	4,443,410
McWilliams	Alabama	533	**V2	1,765,499	1,959,746	2,106,827	4,517,625	4,573,978	3,732,810
Morgan Energy Center	Alabama	55293	CT-1	4,322,300	5,313,985	3,652,176	5,787,973	5,226,068	5,442,675
Morgan Energy Center	Alabama	55293	CT-2	3,400,989	3,065,939	1,574,504	5,153,244	3,606,686	4,053,640
Morgan Energy Center	Alabama	55293	CT-3	2,146,562	3,117,039	1,603,988	5,246,874	3,916,808	4,093,574

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Greene County	Alabama	10	1	501,794,015	0.015993	31,111	30,869	498	494
Greene County	Alabama	10	2	501,794,015	0.017448	31,111	30,869	543	539
Greene County	Alabama	10	CT10	501,794,015	0.000381	31,111	30,869	12	12
Greene County	Alabama	10	CT2	501,794,015	0.000583	31,111	30,869	18	18
Greene County	Alabama	10	CT3	501,794,015	0.000637	31,111	30,869	20	20
Greene County	Alabama	10	CT4	501,794,015	0.000521	31,111	30,869	16	16
Greene County	Alabama	10	CT5	501,794,015	0.000436	31,111	30,869	14	13
Greene County	Alabama	10	CT6	501,794,015	0.000508	31,111	30,869	16	16
Greene County	Alabama	10	CT7	501,794,015	0.000480	31,111	30,869	15	15
Greene County	Alabama	10	CT8	501,794,015	0.000307	31,111	30,869	10	9
Greene County	Alabama	10	CT9	501,794,015	0.000333	31,111	30,869	10	10
Hillabee Energy Center	Alabama	55411	CT1	501,794,015	0.011490	31,111	30,869	357	355
Hillabee Energy Center	Alabama	55411	CT2	501,794,015	0.010685	31,111	30,869	332	330
Hog Bayou Energy Center	Alabama	55241	COG01	501,794,015	0.003185	31,111	30,869	99	98
James H Miller Jr	Alabama	6002	1	501,794,015	0.052097	31,111	30,869	1,621	1,608
James H Miller Jr	Alabama	6002	2	501,794,015	0.051562	31,111	30,869	1,604	1,592
James H Miller Jr	Alabama	6002	3	501,794,015	0.052437	31,111	30,869	1,631	1,619
James H Miller Jr	Alabama	6002	4	501,794,015	0.048274	31,111	30,869	1,502	1,490
McIntosh (7063)	Alabama	7063	**1	501,794,015	0.000210	31,111	30,869	7	6
McIntosh (7063)	Alabama	7063	**2	501,794,015	0.000182	31,111	30,869	6	6
McIntosh (7063)	Alabama	7063	**3	501,794,015	0.000210	31,111	30,869	7	6
McWilliams	Alabama	533	**4	501,794,015	0.001649	31,111	30,869	51	51
McWilliams	Alabama	533	**V1	501,794,015	0.008855	31,111	30,869	275	273
McWilliams	Alabama	533	**V2	501,794,015	0.007439	31,111	30,869	231	230
Morgan Energy Center	Alabama	55293	CT-1	501,794,015	0.010846	31,111	30,869	337	335
Morgan Energy Center	Alabama	55293	CT-2	501,794,015	0.008078	31,111	30,869	251	249
Morgan Energy Center	Alabama	55293	CT-3	501,794,015	0.008158	31,111	30,869	254	252

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Greene County	Alabama	10	1	3,193	1,328	1,321	1,153	1,127	958
Greene County	Alabama	10	2	1,789	1,267	1,483	1,429	1,513	1,187
Greene County	Alabama	10	CT10	10	4	6	8	11	5
Greene County	Alabama	10	CT2	9	4	11	12	20	5
Greene County	Alabama	10	CT3	7	4	5	13	17	3
Greene County	Alabama	10	CT4	4	5	17	11	14	1
Greene County	Alabama	10	CT5	11	4	12	8	10	2
Greene County	Alabama	10	CT6	11	4	5	10	13	3
Greene County	Alabama	10	CT7	8	4	15	13	11	5
Greene County	Alabama	10	CT8	10	4	9	7	9	2
Greene County	Alabama	10	CT9	13	4	16	7	9	2
Hillabee Energy Center	Alabama	55411	CT1						
Hillabee Energy Center	Alabama	55411	CT2						
Hog Bayou Energy Center	Alabama	55241	COG01	7	13	2	3	7	13
James H Miller Jr	Alabama	6002	1	2,985	2,719	820	874	904	792
James H Miller Jr	Alabama	6002	2	2,815	3,176	849	884	861	825
James H Miller Jr	Alabama	6002	3	774	779	844	818	873	808
James H Miller Jr	Alabama	6002	4	750	705	798	805	802	690
McIntosh (7063)	Alabama	7063	**1	19	20	26		15	23
McIntosh (7063)	Alabama	7063	**2	1	1	2	1	1	1
McIntosh (7063)	Alabama	7063	**3	1	1	1	1	1	0
McWilliams	Alabama	533	**4	60	15	17	13	9	15
McWilliams	Alabama	533	**V1	9	16	10	69	20	18
McWilliams	Alabama	533	**V2	26	15	12	10	12	14
Morgan Energy Center	Alabama	55293	CT-1	44	32	16	21	20	14
Morgan Energy Center	Alabama	55293	CT-2	109	35	22	29	22	14
Morgan Energy Center	Alabama	55293	CT-3	157	26	20	18	26	8

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns BX - CE			
Greene County	Alabama	10	1	1,252	1,187	3,193			
Greene County	Alabama	10	2	760	985	1,789			
Greene County	Alabama	10	CT10	3	1	11			
Greene County	Alabama	10	CT2	5	2	20			
Greene County	Alabama	10	CT3	6	2	17			
Greene County	Alabama	10	CT4	5	1	17			
Greene County	Alabama	10	CT5	5	1	12			
Greene County	Alabama	10	CT6	4	0	13			
Greene County	Alabama	10	CT7	3	1	15			
Greene County	Alabama	10	CT8	3	1	10			
Greene County	Alabama	10	CT9	2	1	16			
Hillabee Energy Center	Alabama	55411	CT1		32	32			
Hillabee Energy Center	Alabama	55411	CT2		23	23			
Hog Bayou Energy Center	Alabama	55241	COG01	11	15	15			
James H Miller Jr	Alabama	6002	1	820	856	2,985			
James H Miller Jr	Alabama	6002	2	794	860	3,176			
James H Miller Jr	Alabama	6002	3	779	901	901			
James H Miller Jr	Alabama	6002	4	728	765	805			
McIntosh (7063)	Alabama	7063	**1	3	9	26			
McIntosh (7063)	Alabama	7063	**2	2	4	4			
McIntosh (7063)	Alabama	7063	**3	2	6	6			
McWilliams	Alabama	533	**4	19	37	60			
McWilliams	Alabama	533	**V1	26	22	69			
McWilliams	Alabama	533	**V2	26	25	26			
Morgan Energy Center	Alabama	55293	CT-1	22	20	44			
Morgan Energy Center	Alabama	55293	CT-2	20	18	109			
Morgan Energy Center	Alabama	55293	CT-3	22	19	157			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Greene County	Alabama	10	1					
Greene County	Alabama	10	2					
Greene County	Alabama	10	CT10					
Greene County	Alabama	10	CT2					
Greene County	Alabama	10	CT3					
Greene County	Alabama	10	CT4					
Greene County	Alabama	10	CT5					
Greene County	Alabama	10	CT6					
Greene County	Alabama	10	CT7					
Greene County	Alabama	10	CT8					
Greene County	Alabama	10	CT9					
Hillabee Energy Center	Alabama	55411	CT1					
Hillabee Energy Center	Alabama	55411	CT2					
Hog Bayou Energy Center	Alabama	55241	COG01					
James H Miller Jr	Alabama	6002	1					
James H Miller Jr	Alabama	6002	2					
James H Miller Jr	Alabama	6002	3					
James H Miller Jr	Alabama	6002	4					
McIntosh (7063)	Alabama	7063	**1					
McIntosh (7063)	Alabama	7063	**2					
McIntosh (7063)	Alabama	7063	**3					
McWilliams	Alabama	533	**4					
McWilliams	Alabama	533	**V1					
McWilliams	Alabama	533	**V2					
Morgan Energy Center	Alabama	55293	CT-1					
Morgan Energy Center	Alabama	55293	CT-2					
Morgan Energy Center	Alabama	55293	CT-3					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Greene County	Alabama	10	1					Y
Greene County	Alabama	10	2					Y
Greene County	Alabama	10	CT10					Y
Greene County	Alabama	10	CT2					Y
Greene County	Alabama	10	CT3					Y
Greene County	Alabama	10	CT4					Y
Greene County	Alabama	10	CT5					Y
Greene County	Alabama	10	CT6					Y
Greene County	Alabama	10	CT7					Y
Greene County	Alabama	10	CT8					Y
Greene County	Alabama	10	CT9					Y
Hillabee Energy Center	Alabama	55411	CT1					Y
Hillabee Energy Center	Alabama	55411	CT2					Y
Hog Bayou Energy Center	Alabama	55241	COG01					Y
James H Miller Jr	Alabama	6002	1					Y
James H Miller Jr	Alabama	6002	2					Y
James H Miller Jr	Alabama	6002	3					Y
James H Miller Jr	Alabama	6002	4					Y
McIntosh (7063)	Alabama	7063	**1					Y
McIntosh (7063)	Alabama	7063	**2					Y
McIntosh (7063)	Alabama	7063	**3					Y
McWilliams	Alabama	533	**4					Y
McWilliams	Alabama	533	**V1					Y
McWilliams	Alabama	533	**V2					Y
Morgan Energy Center	Alabama	55293	CT-1					Y
Morgan Energy Center	Alabama	55293	CT-2					Y
Morgan Energy Center	Alabama	55293	CT-3					Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Greene County	Alabama	10	1		Y	Y		
Greene County	Alabama	10	2		Y	Y		
Greene County	Alabama	10	CT10		Y	Y		
Greene County	Alabama	10	CT2		Y	Y		
Greene County	Alabama	10	CT3		Y	Y		
Greene County	Alabama	10	CT4		Y	Y		
Greene County	Alabama	10	CT5		Y	Y		
Greene County	Alabama	10	CT6		Y	Y		
Greene County	Alabama	10	CT7		Y	Y		
Greene County	Alabama	10	CT8		Y	Y		
Greene County	Alabama	10	CT9		Y	Y		
Hillabee Energy Center	Alabama	55411	CT1		Y	Y		
Hillabee Energy Center	Alabama	55411	CT2		Y	Y		
Hog Bayou Energy Center	Alabama	55241	COG01		Y	Y		
James H Miller Jr	Alabama	6002	1		Y	Y		
James H Miller Jr	Alabama	6002	2		Y	Y		
James H Miller Jr	Alabama	6002	3		Y	Y		
James H Miller Jr	Alabama	6002	4		Y	Y		
McIntosh (7063)	Alabama	7063	**1		Y	Y		
McIntosh (7063)	Alabama	7063	**2		Y	Y		
McIntosh (7063)	Alabama	7063	**3		Y	Y		
McWilliams	Alabama	533	**4		Y	Y		
McWilliams	Alabama	533	**V1		Y	Y		
McWilliams	Alabama	533	**V2		Y	Y		
Morgan Energy Center	Alabama	55293	CT-1		Y	Y		
Morgan Energy Center	Alabama	55293	CT-2		Y	Y		
Morgan Energy Center	Alabama	55293	CT-3		Y	Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Plant H. Allen Franklin	Alabama	7710	1A	3285	4,480,767	6,152,630	4,877,739	7,077,948	8,821,755
Plant H. Allen Franklin	Alabama	7710	1B	3286	4,445,245	6,074,511	4,945,112	7,093,183	8,868,993
Plant H. Allen Franklin	Alabama	7710	2A	3287	5,063,238	7,054,725	6,055,993	6,612,609	8,871,539
Plant H. Allen Franklin	Alabama	7710	2B	3288	5,102,897	7,052,789	6,104,702	6,574,568	8,880,834
Plant H. Allen Franklin	Alabama	7710	3A	3289			8,074,216	12,023,064	9,522,570
Plant H. Allen Franklin	Alabama	7710	3B	3290			8,086,927	12,010,188	9,456,003
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1	3140	5,452,053	5,865,001	5,419,736	3,391,482	5,599,727
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1	4758	1,460,652	1,818,435	932,158	1,771,577	4,049,271
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2	4759	1,483,426	1,632,848	954,425	1,992,286	4,292,747
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3	4760	1,617,547	1,555,278	1,005,341	1,980,274	4,356,701
Tenaska Lindsay Hill	Alabama	55271	CT1	4383	2,445,804	2,436,563	1,554,454	1,716,443	2,527,890
Tenaska Lindsay Hill	Alabama	55271	CT2	4384	2,243,883	2,284,611	1,608,692	1,307,530	2,259,786
Tenaska Lindsay Hill	Alabama	55271	CT3	4385	2,711,902	1,891,566	1,531,412	1,480,760	2,300,570
Theodore Cogeneration	Alabama	7721	CC1	3151	10,827,602	11,186,163	11,855,170	13,410,292	14,199,377
Washington County Cogen (Olin)	Alabama	7697	CC1	3139	9,397,457	9,222,379	9,542,615	9,409,541	9,272,633
Widows Creek	Alabama	50	1	40	7,727,185	7,364,887	6,457,554	1,156,650	841,194
Widows Creek	Alabama	50	2	41	7,421,737	7,619,455	5,752,484	1,327,837	95,663
Widows Creek	Alabama	50	3	42	7,824,783	7,810,596	6,791,002	499,096	66,199
Widows Creek	Alabama	50	4	43	6,795,404	9,050,135	7,526,945	1,970,263	1,620,986
Widows Creek	Alabama	50	5	44	6,869,583	5,881,300	7,592,651	943,897	1,603,103
Widows Creek	Alabama	50	6	45	8,141,207	8,110,977	7,276,352	5,255,082	1,449,610
Widows Creek	Alabama	50	7	46	26,036,628	32,021,933	30,544,386	25,314,375	23,891,184
Widows Creek	Alabama	50	8	47	34,379,166	31,765,155	28,082,926	14,983,437	32,604,014
Carl Bailey	Arkansas	202	01	111	305,418	110,987	187,864	213,573	432,445
Cecil Lynch	Arkansas	167	2	98	1,056	125,299	189,123		
Cecil Lynch	Arkansas	167	3	99	142,199	411,021	163,419	288,508	671,137
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	89827		112,676	44,208	46,246	272,743

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Plant H. Allen Franklin	Alabama	7710	1A	7,350,778	1,070,890,723	0.006864	211,712	208,993
Plant H. Allen Franklin	Alabama	7710	1B	7,345,563	1,070,890,723	0.006859	211,712	208,993
Plant H. Allen Franklin	Alabama	7710	2A	7,512,958	1,070,890,723	0.007016	211,712	208,993
Plant H. Allen Franklin	Alabama	7710	2B	7,502,731	1,070,890,723	0.007006	211,712	208,993
Plant H. Allen Franklin	Alabama	7710	3A	9,873,283	1,070,890,723	0.009220	211,712	208,993
Plant H. Allen Franklin	Alabama	7710	3B	9,851,039	1,070,890,723	0.009199	211,712	208,993
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1	5,638,927	1,070,890,723	0.005266	211,712	208,993
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1	2,546,427	1,070,890,723	0.002378	211,712	208,993
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2	2,639,294	1,070,890,723	0.002465	211,712	208,993
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3	2,651,508	1,070,890,723	0.002476	211,712	208,993
Tenaska Lindsay Hill	Alabama	55271	CT1	2,470,086	1,070,890,723	0.002307	211,712	208,993
Tenaska Lindsay Hill	Alabama	55271	CT2	2,262,760	1,070,890,723	0.002113	211,712	208,993
Tenaska Lindsay Hill	Alabama	55271	CT3	2,301,346	1,070,890,723	0.002149	211,712	208,993
Theodore Cogeneration	Alabama	7721	CC1	13,154,946	1,070,890,723	0.012284	211,712	208,993
Washington County Cogen (Olin)	Alabama	7697	CC1	9,449,871	1,070,890,723	0.008824	211,712	208,993
Widows Creek	Alabama	50	1	7,183,208	1,070,890,723	0.006708	211,712	208,993
Widows Creek	Alabama	50	2	6,931,226	1,070,890,723	0.006472	211,712	208,993
Widows Creek	Alabama	50	3	7,475,461	1,070,890,723	0.006981	211,712	208,993
Widows Creek	Alabama	50	4	7,790,828	1,070,890,723	0.007275	211,712	208,993
Widows Creek	Alabama	50	5	6,781,178	1,070,890,723	0.006332	211,712	208,993
Widows Creek	Alabama	50	6	7,842,846	1,070,890,723	0.007324	211,712	208,993
Widows Creek	Alabama	50	7	29,534,316	1,070,890,723	0.027579	211,712	208,993
Widows Creek	Alabama	50	8	32,916,112	1,070,890,723	0.030737	211,712	208,993
Carl Bailey	Arkansas	202	01	317,145	380,754,402	0.000833		
Cecil Lynch	Arkansas	167	2	105,159	380,754,402	0.000276		
Cecil Lynch	Arkansas	167	3	456,888	380,754,402	0.001200		
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	143,888	380,754,402	0.000378		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Plant H. Allen Franklin	Alabama	7710	1A	71,237	70,523	1,453	1,435	489	484
Plant H. Allen Franklin	Alabama	7710	1B	71,237	70,523	1,452	1,434	489	484
Plant H. Allen Franklin	Alabama	7710	2A	71,237	70,523	1,485	1,466	500	495
Plant H. Allen Franklin	Alabama	7710	2B	71,237	70,523	1,483	1,464	499	494
Plant H. Allen Franklin	Alabama	7710	3A	71,237	70,523	1,952	1,927	657	650
Plant H. Allen Franklin	Alabama	7710	3B	71,237	70,523	1,948	1,923	655	649
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1	71,237	70,523	1,115	1,100	375	371
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1	71,237	70,523	503	497	169	168
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2	71,237	70,523	522	515	176	174
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3	71,237	70,523	524	517	176	175
Tenaska Lindsay Hill	Alabama	55271	CT1	71,237	70,523	488	482	164	163
Tenaska Lindsay Hill	Alabama	55271	CT2	71,237	70,523	447	442	151	149
Tenaska Lindsay Hill	Alabama	55271	CT3	71,237	70,523	455	449	153	152
Theodore Cogeneration	Alabama	7721	CC1	71,237	70,523	2,601	2,567	875	866
Washington County Cogen (Olin)	Alabama	7697	CC1	71,237	70,523	1,868	1,844	629	622
Widows Creek	Alabama	50	1	71,237	70,523	1,420	1,402	478	473
Widows Creek	Alabama	50	2	71,237	70,523	1,370	1,353	461	456
Widows Creek	Alabama	50	3	71,237	70,523	1,478	1,459	497	492
Widows Creek	Alabama	50	4	71,237	70,523	1,540	1,520	518	513
Widows Creek	Alabama	50	5	71,237	70,523	1,341	1,323	451	447
Widows Creek	Alabama	50	6	71,237	70,523	1,551	1,531	522	516
Widows Creek	Alabama	50	7	71,237	70,523	5,839	5,764	1,965	1,945
Widows Creek	Alabama	50	8	71,237	70,523	6,507	6,424	2,190	2,168
Carl Bailey	Arkansas	202	01						
Cecil Lynch	Arkansas	167	2						
Cecil Lynch	Arkansas	167	3						
City Water & Light - City of Jonesboro	Arkansas	56505	SN04						

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Plant H. Allen Franklin	Alabama	7710	1A	1	1	1	1	2	1
Plant H. Allen Franklin	Alabama	7710	1B	1	1	1	1	2	1
Plant H. Allen Franklin	Alabama	7710	2A	1	1	1	2	2	2
Plant H. Allen Franklin	Alabama	7710	2B	1	1	1	2	2	2
Plant H. Allen Franklin	Alabama	7710	3A						2
Plant H. Allen Franklin	Alabama	7710	3B						2
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1	2	2	2	2	2	2
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1	1	0	0	0	1	0
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2	1	0	0	0	0	0
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3	1	0	0	0	0	0
Tenaska Lindsay Hill	Alabama	55271	CT1	1	1	1	1	1	0
Tenaska Lindsay Hill	Alabama	55271	CT2	0	1	1	1	1	0
Tenaska Lindsay Hill	Alabama	55271	CT3	1	2	1	1	1	0
Theodore Cogeneration	Alabama	7721	CC1	3	4	3	3	3	4
Washington County Cogen (Olin)	Alabama	7697	CC1	3	2	2	3	3	3
Widows Creek	Alabama	50	1	4,457	3,524	3,692	3,906	3,549	3,066
Widows Creek	Alabama	50	2	4,353	2,926	3,614	3,761	3,670	2,753
Widows Creek	Alabama	50	3	4,777	4,209	3,490	3,950	3,758	3,222
Widows Creek	Alabama	50	4	4,625	3,533	4,000	3,491	4,357	3,614
Widows Creek	Alabama	50	5	4,670	3,304	3,727	3,531	2,835	3,600
Widows Creek	Alabama	50	6	4,463	3,851	3,810	4,122	3,935	3,449
Widows Creek	Alabama	50	7	9,837	6,726	6,887	6,659	6,519	5,384
Widows Creek	Alabama	50	8	6,863	3,324	5,160	4,087	4,101	2,816
Carl Bailey	Arkansas	202	01	435	1,194	220	149	5	2
Cecil Lynch	Arkansas	167	2		0	0		0	0
Cecil Lynch	Arkansas	167	3		0		0	0	0
City Water & Light - City of Jonesboro	Arkansas	56505	SN04					0	0

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Plant H. Allen Franklin	Alabama	7710	1A	2	3	3			
Plant H. Allen Franklin	Alabama	7710	1B	2	3	3			
Plant H. Allen Franklin	Alabama	7710	2A	2	3	3			
Plant H. Allen Franklin	Alabama	7710	2B	2	3	3			
Plant H. Allen Franklin	Alabama	7710	3A	4	3	4			
Plant H. Allen Franklin	Alabama	7710	3B	4	3	4			
SABIC Innovative Plastics - Burksville	Alabama	7698	CC1	1	2	2			
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1	1	1	1			
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2	1	1	1			
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3	1	1	1			
Tenaska Lindsay Hill	Alabama	55271	CT1	1	1	1			
Tenaska Lindsay Hill	Alabama	55271	CT2	0	1	1			
Tenaska Lindsay Hill	Alabama	55271	CT3	0	1	2			
Theodore Cogeneration	Alabama	7721	CC1	4	4	4			
Washington County Cogen (Olin)	Alabama	7697	CC1	2	2	3			
Widows Creek	Alabama	50	1	599	416	4,457		1,818	
Widows Creek	Alabama	50	2	686	39	4,353		1,754	
Widows Creek	Alabama	50	3	250	29	4,777		1,892	
Widows Creek	Alabama	50	4	1,022	768	4,625		1,971	
Widows Creek	Alabama	50	5	434	687	4,670		1,716	
Widows Creek	Alabama	50	6	2,564	676	4,463		1,985	
Widows Creek	Alabama	50	7	5,368	3,720	9,837		7,475	
Widows Creek	Alabama	50	8	1,938	4,647	6,863		6,632	
Carl Bailey	Arkansas	202	01	45	46	1,194			
Cecil Lynch	Arkansas	167	2			0			
Cecil Lynch	Arkansas	167	3	0	0	0			
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Plant H. Allen Franklin	Alabama	7710	1A				23	34	33
Plant H. Allen Franklin	Alabama	7710	1B				20	30	37
Plant H. Allen Franklin	Alabama	7710	2A				12	32	35
Plant H. Allen Franklin	Alabama	7710	2B				14	29	41
Plant H. Allen Franklin	Alabama	7710	3A						
Plant H. Allen Franklin	Alabama	7710	3B						
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1				80	91	81
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1				10	18	8
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2				11	13	8
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3				12	12	7
Tenaska Lindsay Hill	Alabama	55271	CT1				4	11	10
Tenaska Lindsay Hill	Alabama	55271	CT2				5	13	12
Tenaska Lindsay Hill	Alabama	55271	CT3				7	14	15
Theodore Cogeneration	Alabama	7721	CC1				41	48	40
Washington County Cogen (Olin)	Alabama	7697	CC1				269	207	246
Widows Creek	Alabama	50	1				2,445	1,817	1,810
Widows Creek	Alabama	50	2				2,345	1,539	1,755
Widows Creek	Alabama	50	3				2,590	2,184	1,703
Widows Creek	Alabama	50	4				2,533	1,829	1,947
Widows Creek	Alabama	50	5				2,529	1,685	1,826
Widows Creek	Alabama	50	6				2,436	2,008	1,880
Widows Creek	Alabama	50	7				5,537	4,898	2,842
Widows Creek	Alabama	50	8				4,200	3,883	4,392
Carl Bailey	Arkansas	202	01				93	264	138
Cecil Lynch	Arkansas	167	2					1	0
Cecil Lynch	Arkansas	167	3					1	0
City Water & Light - City of Jonesboro	Arkansas	56505	SN04						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Plant H. Allen Franklin	Alabama	7710	1A	29	36	31	39	47	47
Plant H. Allen Franklin	Alabama	7710	1B	27	35	29	43	44	44
Plant H. Allen Franklin	Alabama	7710	2A	31	41	35	40	45	45
Plant H. Allen Franklin	Alabama	7710	2B	29	37	36	36	42	42
Plant H. Allen Franklin	Alabama	7710	3A			156	61	56	156
Plant H. Allen Franklin	Alabama	7710	3B			111	61	55	111
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1	103	97	95	50	77	103
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1	12	15	8	12	23	23
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2	12	13	7	11	21	21
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3	14	11	8	11	20	20
Tenaska Lindsay Hill	Alabama	55271	CT1	16	16	15	7	26	26
Tenaska Lindsay Hill	Alabama	55271	CT2	17	11	13	6	9	17
Tenaska Lindsay Hill	Alabama	55271	CT3	19	11	14	9	8	19
Theodore Cogeneration	Alabama	7721	CC1	40	39	44	51	54	54
Washington County Cogen (Olin)	Alabama	7697	CC1	280	253	218	241	236	280
Widows Creek	Alabama	50	1	1,649	1,654	1,462	249	175	2,445
Widows Creek	Alabama	50	2	1,575	1,696	1,285	274	18	2,345
Widows Creek	Alabama	50	3	1,673	1,760	1,533	109	16	2,590
Widows Creek	Alabama	50	4	1,442	2,039	1,694	412	319	2,533
Widows Creek	Alabama	50	5	1,470	1,303	1,708	182	282	2,529
Widows Creek	Alabama	50	6	1,740	1,823	1,643	894	283	2,436
Widows Creek	Alabama	50	7	3,144	3,695	2,949	935	925	5,537
Widows Creek	Alabama	50	8	4,490	3,649	2,824	472	978	4,490
Carl Bailey	Arkansas	202	01	37	16	17	23	37	264
Cecil Lynch	Arkansas	167	2	0	25	33			33
Cecil Lynch	Arkansas	167	3	41	57	20	32	79	79
City Water & Light - City of Jonesboro	Arkansas	56505	SN04		7	3	3	17	17

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Plant H. Allen Franklin	Alabama	7710	1A						
Plant H. Allen Franklin	Alabama	7710	1B						
Plant H. Allen Franklin	Alabama	7710	2A						
Plant H. Allen Franklin	Alabama	7710	2B						
Plant H. Allen Franklin	Alabama	7710	3A						
Plant H. Allen Franklin	Alabama	7710	3B						
SABIC Innovative Plastics - Burksville	Alabama	7698	CC1						
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1						
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2						
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3						
Tenaska Lindsay Hill	Alabama	55271	CT1						
Tenaska Lindsay Hill	Alabama	55271	CT2						
Tenaska Lindsay Hill	Alabama	55271	CT3						
Theodore Cogeneration	Alabama	7721	CC1						
Washington County Cogen (Olin)	Alabama	7697	CC1						
Widows Creek	Alabama	50	1						
Widows Creek	Alabama	50	2						
Widows Creek	Alabama	50	3						
Widows Creek	Alabama	50	4						
Widows Creek	Alabama	50	5						
Widows Creek	Alabama	50	6						
Widows Creek	Alabama	50	7						
Widows Creek	Alabama	50	8						
Carl Bailey	Arkansas	202	01						
Cecil Lynch	Arkansas	167	2						
Cecil Lynch	Arkansas	167	3						
City Water & Light - City of Jonesboro	Arkansas	56505	SN04						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Plant H. Allen Franklin	Alabama	7710	1A		3		
Plant H. Allen Franklin	Alabama	7710	1B		3		
Plant H. Allen Franklin	Alabama	7710	2A		3		
Plant H. Allen Franklin	Alabama	7710	2B		3		
Plant H. Allen Franklin	Alabama	7710	3A		4		
Plant H. Allen Franklin	Alabama	7710	3B		4		
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1		2		
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1		1		
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2		1		
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3		1		
Tenaska Lindsay Hill	Alabama	55271	CT1		1		
Tenaska Lindsay Hill	Alabama	55271	CT2		1		
Tenaska Lindsay Hill	Alabama	55271	CT3		2		
Theodore Cogeneration	Alabama	7721	CC1		4		
Washington County Cogen (Olin)	Alabama	7697	CC1		3		
Widows Creek	Alabama	50	1		1,818		
Widows Creek	Alabama	50	2		1,754		
Widows Creek	Alabama	50	3		1,892		
Widows Creek	Alabama	50	4		1,971		
Widows Creek	Alabama	50	5		1,716		
Widows Creek	Alabama	50	6		1,985		
Widows Creek	Alabama	50	7		7,475		
Widows Creek	Alabama	50	8		6,632		
Carl Bailey	Arkansas	202	01				
Cecil Lynch	Arkansas	167	2				
Cecil Lynch	Arkansas	167	3				
City Water & Light - City of Jonesboro	Arkansas	56505	SN04				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Plant H. Allen Franklin	Alabama	7710	1A				
Plant H. Allen Franklin	Alabama	7710	1B				
Plant H. Allen Franklin	Alabama	7710	2A				
Plant H. Allen Franklin	Alabama	7710	2B				
Plant H. Allen Franklin	Alabama	7710	3A				
Plant H. Allen Franklin	Alabama	7710	3B				
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1				
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1				
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2				
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3				
Tenaska Lindsay Hill	Alabama	55271	CT1				
Tenaska Lindsay Hill	Alabama	55271	CT2				
Tenaska Lindsay Hill	Alabama	55271	CT3				
Theodore Cogeneration	Alabama	7721	CC1				
Washington County Cogen (Olin)	Alabama	7697	CC1				
Widows Creek	Alabama	50	1				
Widows Creek	Alabama	50	2				
Widows Creek	Alabama	50	3				
Widows Creek	Alabama	50	4				
Widows Creek	Alabama	50	5				
Widows Creek	Alabama	50	6				
Widows Creek	Alabama	50	7				
Widows Creek	Alabama	50	8				
Carl Bailey	Arkansas	202	01				
Cecil Lynch	Arkansas	167	2				
Cecil Lynch	Arkansas	167	3				
City Water & Light - City of Jonesboro	Arkansas	56505	SN04				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Plant H. Allen Franklin	Alabama	7710	1A				
Plant H. Allen Franklin	Alabama	7710	1B				
Plant H. Allen Franklin	Alabama	7710	2A				
Plant H. Allen Franklin	Alabama	7710	2B				
Plant H. Allen Franklin	Alabama	7710	3A				
Plant H. Allen Franklin	Alabama	7710	3B				
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1				
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1				
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2				
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3				
Tenaska Lindsay Hill	Alabama	55271	CT1				
Tenaska Lindsay Hill	Alabama	55271	CT2				
Tenaska Lindsay Hill	Alabama	55271	CT3				
Theodore Cogeneration	Alabama	7721	CC1				
Washington County Cogen (Olin)	Alabama	7697	CC1				
Widows Creek	Alabama	50	1				
Widows Creek	Alabama	50	2				
Widows Creek	Alabama	50	3				
Widows Creek	Alabama	50	4				
Widows Creek	Alabama	50	5				
Widows Creek	Alabama	50	6				
Widows Creek	Alabama	50	7				
Widows Creek	Alabama	50	8				
Carl Bailey	Arkansas	202	01				
Cecil Lynch	Arkansas	167	2				
Cecil Lynch	Arkansas	167	3				
City Water & Light - City of Jonesboro	Arkansas	56505	SN04				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Plant H. Allen Franklin	Alabama	7710	1A	3,361,427	3,402,951	3,474,525	3,428,416	4,648,121	3,850,354
Plant H. Allen Franklin	Alabama	7710	1B	3,343,573	3,358,412	3,511,099	3,471,439	4,664,269	3,882,269
Plant H. Allen Franklin	Alabama	7710	2A	3,594,379	3,547,883	2,931,454	3,780,703	5,041,217	4,138,766
Plant H. Allen Franklin	Alabama	7710	2B	3,642,339	3,557,740	2,928,108	3,733,335	5,045,609	4,140,428
Plant H. Allen Franklin	Alabama	7710	3A			4,372,341	5,329,858	3,354,209	4,352,136
Plant H. Allen Franklin	Alabama	7710	3B			4,391,736	5,316,665	3,308,503	4,338,968
SABIC Innovative Plastics - Burksville	Alabama	7698	CC1	2,471,106	2,632,554	2,682,320	1,179,067	2,295,437	2,595,327
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1	1,428,675	1,736,333	919,762	1,205,821	2,966,760	2,043,923
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2	1,415,966	1,632,615	954,359	1,445,387	2,693,687	1,923,896
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3	1,576,301	1,448,420	1,005,263	1,645,167	2,833,728	2,018,399
Tenaska Lindsay Hill	Alabama	55271	CT1	2,445,707	2,248,973	1,530,786	1,647,160	2,399,425	2,364,702
Tenaska Lindsay Hill	Alabama	55271	CT2	2,229,611	2,098,736	1,592,152	1,211,298	2,259,610	2,195,986
Tenaska Lindsay Hill	Alabama	55271	CT3	2,711,058	1,636,741	1,483,661	1,308,008	2,300,443	2,216,081
Theodore Cogeneration	Alabama	7721	CC1	5,202,901	4,927,210	4,907,762	5,974,608	5,914,487	5,697,332
Washington County Cogen (Olin)	Alabama	7697	CC1	3,836,050	3,928,621	3,967,182	4,121,473	3,837,458	4,005,759
Widows Creek	Alabama	50	1	3,506,790	3,218,180	2,798,441	384,884	610,018	3,174,470
Widows Creek	Alabama	50	2	3,265,944	3,250,900	2,785,130	513,896		3,100,658
Widows Creek	Alabama	50	3	3,398,489	3,172,133	2,756,907	144,023		3,109,176
Widows Creek	Alabama	50	4	2,776,241	3,842,877	3,029,945	834,777	999,073	3,216,355
Widows Creek	Alabama	50	5	2,514,966	2,965,107	3,323,188	285,619	15,917	2,934,420
Widows Creek	Alabama	50	6	3,703,395	3,844,436	2,960,623	2,346,403	1,043,294	3,502,818
Widows Creek	Alabama	50	7	13,895,113	15,257,517	13,098,573	12,977,566	13,866,249	14,339,626
Widows Creek	Alabama	50	8	13,354,017	14,513,077	11,470,356	1,031,596	13,606,828	13,824,641
Carl Bailey	Arkansas	202	01	305,418	100,359	178,357	149,060	342,203	275,326
Cecil Lynch	Arkansas	167	2	1,056	125,299	189,123			105,159
Cecil Lynch	Arkansas	167	3	132,594	411,021	163,419	288,508	671,137	456,888
City Water & Light - City of Jonesboro	Arkansas	56505	SN04		90,563	30,013	26,814	244,397	121,658

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Plant H. Allen Franklin	Alabama	7710	1A	501,794,015	0.007673	31,111	30,869	239	237
Plant H. Allen Franklin	Alabama	7710	1B	501,794,015	0.007737	31,111	30,869	241	239
Plant H. Allen Franklin	Alabama	7710	2A	501,794,015	0.008248	31,111	30,869	257	255
Plant H. Allen Franklin	Alabama	7710	2B	501,794,015	0.008251	31,111	30,869	257	255
Plant H. Allen Franklin	Alabama	7710	3A	501,794,015	0.008673	31,111	30,869	270	268
Plant H. Allen Franklin	Alabama	7710	3B	501,794,015	0.008647	31,111	30,869	269	267
SABIC Innovative Plastics - Burville	Alabama	7698	CC1	501,794,015	0.005172	31,111	30,869	161	160
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1	501,794,015	0.004073	31,111	30,869	127	126
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2	501,794,015	0.003834	31,111	30,869	119	118
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3	501,794,015	0.004022	31,111	30,869	125	124
Tenaska Lindsay Hill	Alabama	55271	CT1	501,794,015	0.004712	31,111	30,869	147	145
Tenaska Lindsay Hill	Alabama	55271	CT2	501,794,015	0.004376	31,111	30,869	136	135
Tenaska Lindsay Hill	Alabama	55271	CT3	501,794,015	0.004416	31,111	30,869	137	136
Theodore Cogeneration	Alabama	7721	CC1	501,794,015	0.011354	31,111	30,869	353	350
Washington County Cogen (Olin)	Alabama	7697	CC1	501,794,015	0.007983	31,111	30,869	248	246
Widows Creek	Alabama	50	1	501,794,015	0.006326	31,111	30,869	197	195
Widows Creek	Alabama	50	2	501,794,015	0.006179	31,111	30,869	192	191
Widows Creek	Alabama	50	3	501,794,015	0.006196	31,111	30,869	193	191
Widows Creek	Alabama	50	4	501,794,015	0.006410	31,111	30,869	199	198
Widows Creek	Alabama	50	5	501,794,015	0.005848	31,111	30,869	182	181
Widows Creek	Alabama	50	6	501,794,015	0.006981	31,111	30,869	217	215
Widows Creek	Alabama	50	7	501,794,015	0.028577	31,111	30,869	889	882
Widows Creek	Alabama	50	8	501,794,015	0.027550	31,111	30,869	857	850
Carl Bailey	Arkansas	202	01	189,431,481	0.001453	14,285	14,285	21	21
Cecil Lynch	Arkansas	167	2	189,431,481	0.000555	14,285	14,285	8	8
Cecil Lynch	Arkansas	167	3	189,431,481	0.002412	14,285	14,285	34	34
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	189,431,481	0.000642	14,285	14,285	9	9

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Plant H. Allen Franklin	Alabama	7710	1A	13	18	24	21	21	20
Plant H. Allen Franklin	Alabama	7710	1B	12	17	26	20	20	19
Plant H. Allen Franklin	Alabama	7710	2A	9	17	27	21	21	17
Plant H. Allen Franklin	Alabama	7710	2B	12	17	34	20	19	19
Plant H. Allen Franklin	Alabama	7710	3A						26
Plant H. Allen Franklin	Alabama	7710	3B						23
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1	29	30	31	40	38	37
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1	10	17	7	11	14	8
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2	11	12	7	11	13	7
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3	12	11	7	13	10	8
Tenaska Lindsay Hill	Alabama	55271	CT1	4	10	9	16	14	14
Tenaska Lindsay Hill	Alabama	55271	CT2	4	12	11	17	10	13
Tenaska Lindsay Hill	Alabama	55271	CT3	5	12	11	19	9	13
Theodore Cogeneration	Alabama	7721	CC1	17	20	16	20	18	17
Washington County Cogen (Olin)	Alabama	7697	CC1	104	95	98	108	99	86
Widows Creek	Alabama	50	1	1,008	850	659	739	705	610
Widows Creek	Alabama	50	2	988	509	670	686	710	600
Widows Creek	Alabama	50	3	1,063	921	632	717	697	597
Widows Creek	Alabama	50	4	1,007	839	736	583	846	656
Widows Creek	Alabama	50	5	1,034	800	667	531	651	720
Widows Creek	Alabama	50	6	951	815	691	782	847	644
Widows Creek	Alabama	50	7	1,104	945	455	411	385	325
Widows Creek	Alabama	50	8	2,226	869	306	288	315	289
Carl Bailey	Arkansas	202	01	30	189	126	37	15	16
Cecil Lynch	Arkansas	167	2		1	0	0	25	33
Cecil Lynch	Arkansas	167	3		1	0	38	57	20
City Water & Light - City of Jonesboro	Arkansas	56505	SN04					6	2

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Plant H. Allen Franklin	Alabama	7710	1A	20	24	24			
Plant H. Allen Franklin	Alabama	7710	1B	23	22	26			
Plant H. Allen Franklin	Alabama	7710	2A	22	24	27			
Plant H. Allen Franklin	Alabama	7710	2B	20	22	34			
Plant H. Allen Franklin	Alabama	7710	3A	28	21	28			
Plant H. Allen Franklin	Alabama	7710	3B	28	21	28			
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1	16	29	40			
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1	8	16	17			
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2	8	11	13			
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3	9	12	13			
Tenaska Lindsay Hill	Alabama	55271	CT1	6	23	23			
Tenaska Lindsay Hill	Alabama	55271	CT2	6	9	17			
Tenaska Lindsay Hill	Alabama	55271	CT3	8	8	19			
Theodore Cogeneration	Alabama	7721	CC1	23	22	23			
Washington County Cogen (Olin)	Alabama	7697	CC1	104	90	108			
Widows Creek	Alabama	50	1	82	125	1,008			
Widows Creek	Alabama	50	2	103		988			
Widows Creek	Alabama	50	3	28		1,063			
Widows Creek	Alabama	50	4	169	192	1,007			
Widows Creek	Alabama	50	5	55	2	1,034			
Widows Creek	Alabama	50	6	372	201	951			
Widows Creek	Alabama	50	7	468	480	1,104			
Widows Creek	Alabama	50	8	67	392	2,226			
Carl Bailey	Arkansas	202	01	15	27	189			
Cecil Lynch	Arkansas	167	2			33			
Cecil Lynch	Arkansas	167	3	32	79	79			
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	2	16	16			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Plant H. Allen Franklin	Alabama	7710	1A					
Plant H. Allen Franklin	Alabama	7710	1B					
Plant H. Allen Franklin	Alabama	7710	2A					
Plant H. Allen Franklin	Alabama	7710	2B					
Plant H. Allen Franklin	Alabama	7710	3A					
Plant H. Allen Franklin	Alabama	7710	3B					
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1					
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1					
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2					
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3					
Tenaska Lindsay Hill	Alabama	55271	CT1					
Tenaska Lindsay Hill	Alabama	55271	CT2					
Tenaska Lindsay Hill	Alabama	55271	CT3					
Theodore Cogeneration	Alabama	7721	CC1					
Washington County Cogen (Olin)	Alabama	7697	CC1					
Widows Creek	Alabama	50	1					
Widows Creek	Alabama	50	2					
Widows Creek	Alabama	50	3					
Widows Creek	Alabama	50	4					
Widows Creek	Alabama	50	5					
Widows Creek	Alabama	50	6					
Widows Creek	Alabama	50	7					
Widows Creek	Alabama	50	8					
Carl Bailey	Arkansas	202	01				27	27
Cecil Lynch	Arkansas	167	2				10	10
Cecil Lynch	Arkansas	167	3				45	45
City Water & Light - City of Jonesboro	Arkansas	56505	SN04				12	12

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Plant H. Allen Franklin	Alabama	7710	1A					Y
Plant H. Allen Franklin	Alabama	7710	1B					Y
Plant H. Allen Franklin	Alabama	7710	2A					Y
Plant H. Allen Franklin	Alabama	7710	2B					Y
Plant H. Allen Franklin	Alabama	7710	3A					Y
Plant H. Allen Franklin	Alabama	7710	3B					Y
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1					Y
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1					Y
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2					Y
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3					Y
Tenaska Lindsay Hill	Alabama	55271	CT1					Y
Tenaska Lindsay Hill	Alabama	55271	CT2					Y
Tenaska Lindsay Hill	Alabama	55271	CT3					Y
Theodore Cogeneration	Alabama	7721	CC1					Y
Washington County Cogen (Olin)	Alabama	7697	CC1					Y
Widows Creek	Alabama	50	1					Y
Widows Creek	Alabama	50	2					Y
Widows Creek	Alabama	50	3					Y
Widows Creek	Alabama	50	4					Y
Widows Creek	Alabama	50	5					Y
Widows Creek	Alabama	50	6					Y
Widows Creek	Alabama	50	7					Y
Widows Creek	Alabama	50	8					Y
Carl Bailey	Arkansas	202	01	27	27	27	27	
Cecil Lynch	Arkansas	167	2	10	10	10	10	
Cecil Lynch	Arkansas	167	3	45	45	45	45	
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	12	12	12	12	

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Plant H. Allen Franklin	Alabama	7710	1A		Y	Y		
Plant H. Allen Franklin	Alabama	7710	1B		Y	Y		
Plant H. Allen Franklin	Alabama	7710	2A		Y	Y		
Plant H. Allen Franklin	Alabama	7710	2B		Y	Y		
Plant H. Allen Franklin	Alabama	7710	3A		Y	Y		
Plant H. Allen Franklin	Alabama	7710	3B		Y	Y		
SABIC Innovative Plastics - Burkville	Alabama	7698	CC1		Y	Y		
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB1		Y	Y		
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB2		Y	Y		
Tenaska Central Alabama Gen Station	Alabama	55440	CTGDB3		Y	Y		
Tenaska Lindsay Hill	Alabama	55271	CT1		Y	Y		
Tenaska Lindsay Hill	Alabama	55271	CT2		Y	Y		
Tenaska Lindsay Hill	Alabama	55271	CT3		Y	Y		
Theodore Cogeneration	Alabama	7721	CC1		Y	Y		
Washington County Cogen (Olin)	Alabama	7697	CC1		Y	Y		
Widows Creek	Alabama	50	1		Y	Y		
Widows Creek	Alabama	50	2		Y	Y		
Widows Creek	Alabama	50	3		Y	Y		
Widows Creek	Alabama	50	4		Y	Y		
Widows Creek	Alabama	50	5		Y	Y		
Widows Creek	Alabama	50	6		Y	Y		
Widows Creek	Alabama	50	7		Y	Y		
Widows Creek	Alabama	50	8		Y	Y		
Carl Bailey	Arkansas	202	01			Y		
Cecil Lynch	Arkansas	167	2			Y		
Cecil Lynch	Arkansas	167	3			Y		
City Water & Light - City of Jonesboro	Arkansas	56505	SN04			Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	89828		124,768	61,318	64,816	246,875
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	89829		120,852	84,253	89,433	284,573
Dell Power Plant	Arkansas	55340	1	4517		456,311	693,007	1,559,694	2,883,009
Dell Power Plant	Arkansas	55340	2	4518		681,214	859,646	1,248,031	2,697,751
Flint Creek Power Plant	Arkansas	6138	1	2800	37,415,631	38,281,500	36,963,054	29,012,386	36,889,222
Fulton	Arkansas	7825	CT1	3247	170,153	117,711	126,190	220,733	887,067
Hamilton Moses	Arkansas	168	1	100	282			39,562	
Hamilton Moses	Arkansas	168	2	101	103			25,216	
Harry D. Mattison Power Plant	Arkansas	56328	1	89740		33,418	309,804	135,509	602,579
Harry D. Mattison Power Plant	Arkansas	56328	2	89741		31,262	149,048	114,378	471,899
Harry D. Mattison Power Plant	Arkansas	56328	3	1869	16,491	459,486	343,154	83,941	190,479
Harry D. Mattison Power Plant	Arkansas	56328	4	1870	9,775	508,888	254,363	55,874	220,113
Harvey Couch	Arkansas	169	1	102	52,398	58,826	424,178		
Harvey Couch	Arkansas	169	2	103	405,762	377,760		661,794	1,009,952
Hot Spring Energy Facility	Arkansas	55418	CT-1	4705	3,358,260	3,626,138	5,316,515	5,950,738	2,737,738
Hot Spring Energy Facility	Arkansas	55418	CT-2	4706	3,844,788	4,236,175	5,133,144	6,976,078	3,165,840
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	9298	5,292,872	6,426,747	8,337,472	8,883,446	5,529,210
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	9299	5,650,940	5,652,344	6,508,095	10,919,106	7,905,119
Independence	Arkansas	6641	1	2898	60,749,539	66,889,312	61,850,227	53,166,394	63,712,504
Independence	Arkansas	6641	2	2899	60,955,662	68,018,354	57,116,401	64,649,132	55,125,638
Lake Catherine	Arkansas	170	1	104			10,939		125
Lake Catherine	Arkansas	170	2	105			3,086		2,704
Lake Catherine	Arkansas	170	3	106			11,510		1,432
Lake Catherine	Arkansas	170	4	107	291,724	412,125	1,161,312	1,415,815	1,799,975
McClellan	Arkansas	203	01	112	1,535,991	2,002,430	2,497,924	1,636,218	2,444,251
Oswald Generating Station	Arkansas	55221	G1	4167	218,196	407,229	179,941	130,919	409,295
Oswald Generating Station	Arkansas	55221	G2	4168	223,256	305,865	129,144	146,372	266,107

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	145,486	380,754,402	0.000382		
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	164,953	380,754,402	0.000433		
Dell Power Plant	Arkansas	55340	1	1,711,904	380,754,402	0.004496		
Dell Power Plant	Arkansas	55340	2	1,601,809	380,754,402	0.004207		
Flint Creek Power Plant	Arkansas	6138	1	37,553,395	380,754,402	0.098629		
Fulton	Arkansas	7825	CT1	425,984	380,754,402	0.001119		
Hamilton Moses	Arkansas	168	1	19,922	380,754,402	0.000052		
Hamilton Moses	Arkansas	168	2	12,659	380,754,402	0.000033		
Harry D. Mattison Power Plant	Arkansas	56328	1	349,297	380,754,402	0.000917		
Harry D. Mattison Power Plant	Arkansas	56328	2	245,108	380,754,402	0.000644		
Harry D. Mattison Power Plant	Arkansas	56328	3	331,040	380,754,402	0.000869		
Harry D. Mattison Power Plant	Arkansas	56328	4	327,788	380,754,402	0.000861		
Harvey Couch	Arkansas	169	1	178,467	380,754,402	0.000469		
Harvey Couch	Arkansas	169	2	692,503	380,754,402	0.001819		
Hot Spring Energy Facility	Arkansas	55418	CT-1	4,964,464	380,754,402	0.013038		
Hot Spring Energy Facility	Arkansas	55418	CT-2	5,448,466	380,754,402	0.014310		
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	7,882,555	380,754,402	0.020702		
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	8,444,107	380,754,402	0.022177		
Independence	Arkansas	6641	1	64,150,681	380,754,402	0.168483		
Independence	Arkansas	6641	2	64,541,049	380,754,402	0.169508		
Lake Catherine	Arkansas	170	1	5,532	380,754,402	0.000015		
Lake Catherine	Arkansas	170	2	2,895	380,754,402	0.000008		
Lake Catherine	Arkansas	170	3	6,471	380,754,402	0.000017		
Lake Catherine	Arkansas	170	4	1,459,034	380,754,402	0.003832		
McClellan	Arkansas	203	01	2,314,869	380,754,402	0.006080		
Oswald Generating Station	Arkansas	55221	G1	344,906	380,754,402	0.000906		
Oswald Generating Station	Arkansas	55221	G2	265,076	380,754,402	0.000696		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
City Water & Light - City of Jonesboro	Arkansas	56505	SN06						
City Water & Light - City of Jonesboro	Arkansas	56505	SN07						
Dell Power Plant	Arkansas	55340	1						
Dell Power Plant	Arkansas	55340	2						
Flint Creek Power Plant	Arkansas	6138	1						
Fulton	Arkansas	7825	CT1						
Hamilton Moses	Arkansas	168	1						
Hamilton Moses	Arkansas	168	2						
Harry D. Mattison Power Plant	Arkansas	56328	1						
Harry D. Mattison Power Plant	Arkansas	56328	2						
Harry D. Mattison Power Plant	Arkansas	56328	3						
Harry D. Mattison Power Plant	Arkansas	56328	4						
Harvey Couch	Arkansas	169	1						
Harvey Couch	Arkansas	169	2						
Hot Spring Energy Facility	Arkansas	55418	CT-1						
Hot Spring Energy Facility	Arkansas	55418	CT-2						
Hot Spring Power Co., LLC	Arkansas	55714	SN-01						
Hot Spring Power Co., LLC	Arkansas	55714	SN-02						
Independence	Arkansas	6641	1						
Independence	Arkansas	6641	2						
Lake Catherine	Arkansas	170	1						
Lake Catherine	Arkansas	170	2						
Lake Catherine	Arkansas	170	3						
Lake Catherine	Arkansas	170	4						
McClellan	Arkansas	203	01						
Oswald Generating Station	Arkansas	55221	G1						
Oswald Generating Station	Arkansas	55221	G2						

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
City Water & Light - City of Jonesboro	Arkansas	56505	SN06					0	0
City Water & Light - City of Jonesboro	Arkansas	56505	SN07					0	0
Dell Power Plant	Arkansas	55340	1					0	0
Dell Power Plant	Arkansas	55340	2					0	0
Flint Creek Power Plant	Arkansas	6138	1	9,429	10,099	8,227	8,526	8,723	8,502
Fulton	Arkansas	7825	CT1	0	0	0	0	0	0
Hamilton Moses	Arkansas	168	1		0				
Hamilton Moses	Arkansas	168	2		0				
Harry D. Mattison Power Plant	Arkansas	56328	1					0	0
Harry D. Mattison Power Plant	Arkansas	56328	2					0	0
Harry D. Mattison Power Plant	Arkansas	56328	3	0	0	0	0	0	0
Harry D. Mattison Power Plant	Arkansas	56328	4	0	0	0	0	0	0
Harvey Couch	Arkansas	169	1		0		0	0	0
Harvey Couch	Arkansas	169	2	0	0	0	0	0	0
Hot Spring Energy Facility	Arkansas	55418	CT-1	1	1	1	1	1	2
Hot Spring Energy Facility	Arkansas	55418	CT-2	1	0	1	1	1	2
Hot Spring Power Co., LLC	Arkansas	55714	SN-01			1	2	2	3
Hot Spring Power Co., LLC	Arkansas	55714	SN-02			0	2	2	2
Independence	Arkansas	6641	1	10,652	11,761	11,006	12,875	14,682	13,763
Independence	Arkansas	6641	2	11,489	11,827	11,357	13,297	14,857	12,685
Lake Catherine	Arkansas	170	1		0	0			0
Lake Catherine	Arkansas	170	2			0			0
Lake Catherine	Arkansas	170	3	0		0			0
Lake Catherine	Arkansas	170	4	2	1	1	0	0	0
McClellan	Arkansas	203	01	1,669	2,090	461	441	433	379
Oswald Generating Station	Arkansas	55221	G1	0				0	0
Oswald Generating Station	Arkansas	55221	G2	0				0	0

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	1	0	1			
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	0	0	0			
Dell Power Plant	Arkansas	55340	1	0	1	1			
Dell Power Plant	Arkansas	55340	2	0	1	1			
Flint Creek Power Plant	Arkansas	6138	1	6,811	8,506	10,099			
Fulton	Arkansas	7825	CT1	0	0	0			
Hamilton Moses	Arkansas	168	1	0		0			
Hamilton Moses	Arkansas	168	2	0		0			
Harry D. Mattison Power Plant	Arkansas	56328	1	0	0	0			
Harry D. Mattison Power Plant	Arkansas	56328	2	0	0	0			
Harry D. Mattison Power Plant	Arkansas	56328	3	0	0	0			
Harry D. Mattison Power Plant	Arkansas	56328	4	0	0	0			
Harvey Couch	Arkansas	169	1			0			
Harvey Couch	Arkansas	169	2	0	0	0			
Hot Spring Energy Facility	Arkansas	55418	CT-1	2	1	2			
Hot Spring Energy Facility	Arkansas	55418	CT-2	2	1	2			
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	3	2	3			
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	3	2	3			
Independence	Arkansas	6641	1	12,254	14,917	14,917			
Independence	Arkansas	6641	2	15,171	13,758	15,171			
Lake Catherine	Arkansas	170	1			0			
Lake Catherine	Arkansas	170	2		0	0			
Lake Catherine	Arkansas	170	3			0			
Lake Catherine	Arkansas	170	4	0	1	2			
McClellan	Arkansas	203	01	395	55	2,090			
Oswald Generating Station	Arkansas	55221	G1	0	0	0			
Oswald Generating Station	Arkansas	55221	G2	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
City Water & Light - City of Jonesboro	Arkansas	56505	SN06						
City Water & Light - City of Jonesboro	Arkansas	56505	SN07						
Dell Power Plant	Arkansas	55340	1						
Dell Power Plant	Arkansas	55340	2						
Flint Creek Power Plant	Arkansas	6138	1				4,756	4,945	4,628
Fulton	Arkansas	7825	CT1				2	0	6
Hamilton Moses	Arkansas	168	1					1	
Hamilton Moses	Arkansas	168	2					0	
Harry D. Mattison Power Plant	Arkansas	56328	1						
Harry D. Mattison Power Plant	Arkansas	56328	2						
Harry D. Mattison Power Plant	Arkansas	56328	3				2	1	1
Harry D. Mattison Power Plant	Arkansas	56328	4				1	1	1
Harvey Couch	Arkansas	169	1					0	0
Harvey Couch	Arkansas	169	2				13	22	112
Hot Spring Energy Facility	Arkansas	55418	CT-1				37	27	16
Hot Spring Energy Facility	Arkansas	55418	CT-2				33	24	22
Hot Spring Power Co., LLC	Arkansas	55714	SN-01						38
Hot Spring Power Co., LLC	Arkansas	55714	SN-02						3
Independence	Arkansas	6641	1				6,635	7,560	6,578
Independence	Arkansas	6641	2				9,108	7,961	6,593
Lake Catherine	Arkansas	170	1					0	4
Lake Catherine	Arkansas	170	2					0	2
Lake Catherine	Arkansas	170	3				8	0	2
Lake Catherine	Arkansas	170	4				540	140	196
McClellan	Arkansas	203	01				313	444	205
Oswald Generating Station	Arkansas	55221	G1				7		
Oswald Generating Station	Arkansas	55221	G2				7		

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
City Water & Light - City of Jonesboro	Arkansas	56505	SN06		8	4	4	16	16
City Water & Light - City of Jonesboro	Arkansas	56505	SN07		8	5	6	18	18
Dell Power Plant	Arkansas	55340	1		7	5	14	25	25
Dell Power Plant	Arkansas	55340	2		8	6	12	21	21
Flint Creek Power Plant	Arkansas	6138	1	5,461	5,345	4,919	3,782	4,880	5,461
Fulton	Arkansas	7825	CT1	5	3	3	5	25	25
Hamilton Moses	Arkansas	168	1	0			12		12
Hamilton Moses	Arkansas	168	2	0			8		8
Harry D. Mattison Power Plant	Arkansas	56328	1		12	53	3	13	53
Harry D. Mattison Power Plant	Arkansas	56328	2		11	29	2	10	29
Harry D. Mattison Power Plant	Arkansas	56328	3	0	10	7	2	4	10
Harry D. Mattison Power Plant	Arkansas	56328	4	0	10	5	1	4	10
Harvey Couch	Arkansas	169	1	5	5	36			36
Harvey Couch	Arkansas	169	2	23	23		234	73	234
Hot Spring Energy Facility	Arkansas	55418	CT-1	21	27	39	33	20	39
Hot Spring Energy Facility	Arkansas	55418	CT-2	25	31	36	37	23	37
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	46	50	73	53	39	73
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	57	46	58	62	52	62
Independence	Arkansas	6641	1	7,350	8,740	7,981	6,610	7,841	8,740
Independence	Arkansas	6641	2	7,313	8,613	7,142	7,728	6,778	9,108
Lake Catherine	Arkansas	170	1			4		0	4
Lake Catherine	Arkansas	170	2			1		1	2
Lake Catherine	Arkansas	170	3			1		0	8
Lake Catherine	Arkansas	170	4	26	89	113	191	151	540
McClellan	Arkansas	203	01	160	236	254	166	316	444
Oswald Generating Station	Arkansas	55221	G1	10	18	8	6	18	18
Oswald Generating Station	Arkansas	55221	G2	10	14	7	7	13	14

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
City Water & Light - City of Jonesboro	Arkansas	56505	SN06						
City Water & Light - City of Jonesboro	Arkansas	56505	SN07						
Dell Power Plant	Arkansas	55340	1						
Dell Power Plant	Arkansas	55340	2						
Flint Creek Power Plant	Arkansas	6138	1						
Fulton	Arkansas	7825	CT1						
Hamilton Moses	Arkansas	168	1						
Hamilton Moses	Arkansas	168	2						
Harry D. Mattison Power Plant	Arkansas	56328	1						
Harry D. Mattison Power Plant	Arkansas	56328	2						
Harry D. Mattison Power Plant	Arkansas	56328	3						
Harry D. Mattison Power Plant	Arkansas	56328	4						
Harvey Couch	Arkansas	169	1						
Harvey Couch	Arkansas	169	2						
Hot Spring Energy Facility	Arkansas	55418	CT-1						
Hot Spring Energy Facility	Arkansas	55418	CT-2						
Hot Spring Power Co., LLC	Arkansas	55714	SN-01						
Hot Spring Power Co., LLC	Arkansas	55714	SN-02						
Independence	Arkansas	6641	1						
Independence	Arkansas	6641	2						
Lake Catherine	Arkansas	170	1						
Lake Catherine	Arkansas	170	2						
Lake Catherine	Arkansas	170	3						
Lake Catherine	Arkansas	170	4						
McClellan	Arkansas	203	01						
Oswald Generating Station	Arkansas	55221	G1						
Oswald Generating Station	Arkansas	55221	G2						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
City Water & Light - City of Jonesboro	Arkansas	56505	SN06				
City Water & Light - City of Jonesboro	Arkansas	56505	SN07				
Dell Power Plant	Arkansas	55340	1				
Dell Power Plant	Arkansas	55340	2				
Flint Creek Power Plant	Arkansas	6138	1				
Fulton	Arkansas	7825	CT1				
Hamilton Moses	Arkansas	168	1				
Hamilton Moses	Arkansas	168	2				
Harry D. Mattison Power Plant	Arkansas	56328	1				
Harry D. Mattison Power Plant	Arkansas	56328	2				
Harry D. Mattison Power Plant	Arkansas	56328	3				
Harry D. Mattison Power Plant	Arkansas	56328	4				
Harvey Couch	Arkansas	169	1				
Harvey Couch	Arkansas	169	2				
Hot Spring Energy Facility	Arkansas	55418	CT-1				
Hot Spring Energy Facility	Arkansas	55418	CT-2				
Hot Spring Power Co., LLC	Arkansas	55714	SN-01				
Hot Spring Power Co., LLC	Arkansas	55714	SN-02				
Independence	Arkansas	6641	1				
Independence	Arkansas	6641	2				
Lake Catherine	Arkansas	170	1				
Lake Catherine	Arkansas	170	2				
Lake Catherine	Arkansas	170	3				
Lake Catherine	Arkansas	170	4				
McClellan	Arkansas	203	01				
Oswald Generating Station	Arkansas	55221	G1				
Oswald Generating Station	Arkansas	55221	G2				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
City Water & Light - City of Jonesboro	Arkansas	56505	SN06				
City Water & Light - City of Jonesboro	Arkansas	56505	SN07				
Dell Power Plant	Arkansas	55340	1				
Dell Power Plant	Arkansas	55340	2				
Flint Creek Power Plant	Arkansas	6138	1				
Fulton	Arkansas	7825	CT1				
Hamilton Moses	Arkansas	168	1				
Hamilton Moses	Arkansas	168	2				
Harry D. Mattison Power Plant	Arkansas	56328	1				
Harry D. Mattison Power Plant	Arkansas	56328	2				
Harry D. Mattison Power Plant	Arkansas	56328	3				
Harry D. Mattison Power Plant	Arkansas	56328	4				
Harvey Couch	Arkansas	169	1				
Harvey Couch	Arkansas	169	2				
Hot Spring Energy Facility	Arkansas	55418	CT-1				
Hot Spring Energy Facility	Arkansas	55418	CT-2				
Hot Spring Power Co., LLC	Arkansas	55714	SN-01				
Hot Spring Power Co., LLC	Arkansas	55714	SN-02				
Independence	Arkansas	6641	1				
Independence	Arkansas	6641	2				
Lake Catherine	Arkansas	170	1				
Lake Catherine	Arkansas	170	2				
Lake Catherine	Arkansas	170	3				
Lake Catherine	Arkansas	170	4				
McClellan	Arkansas	203	01				
Oswald Generating Station	Arkansas	55221	G1				
Oswald Generating Station	Arkansas	55221	G2				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
City Water & Light - City of Jonesboro	Arkansas	56505	SN06				
City Water & Light - City of Jonesboro	Arkansas	56505	SN07				
Dell Power Plant	Arkansas	55340	1				
Dell Power Plant	Arkansas	55340	2				
Flint Creek Power Plant	Arkansas	6138	1				
Fulton	Arkansas	7825	CT1				
Hamilton Moses	Arkansas	168	1				
Hamilton Moses	Arkansas	168	2				
Harry D. Mattison Power Plant	Arkansas	56328	1				
Harry D. Mattison Power Plant	Arkansas	56328	2				
Harry D. Mattison Power Plant	Arkansas	56328	3				
Harry D. Mattison Power Plant	Arkansas	56328	4				
Harvey Couch	Arkansas	169	1				
Harvey Couch	Arkansas	169	2				
Hot Spring Energy Facility	Arkansas	55418	CT-1				
Hot Spring Energy Facility	Arkansas	55418	CT-2				
Hot Spring Power Co., LLC	Arkansas	55714	SN-01				
Hot Spring Power Co., LLC	Arkansas	55714	SN-02				
Independence	Arkansas	6641	1				
Independence	Arkansas	6641	2				
Lake Catherine	Arkansas	170	1				
Lake Catherine	Arkansas	170	2				
Lake Catherine	Arkansas	170	3				
Lake Catherine	Arkansas	170	4				
McClellan	Arkansas	203	01				
Oswald Generating Station	Arkansas	55221	G1				
Oswald Generating Station	Arkansas	55221	G2				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
City Water & Light - City of Jonesboro	Arkansas	56505	SN06		105,450	41,876	38,653	210,980	119,435
City Water & Light - City of Jonesboro	Arkansas	56505	SN07		114,693	44,121	53,189	253,627	140,503
Dell Power Plant	Arkansas	55340	1		17,560	325,126	732,860	1,819,639	959,208
Dell Power Plant	Arkansas	55340	2		74,029	531,447	972,975	1,965,589	1,156,670
Flint Creek Power Plant	Arkansas	6138	1	14,413,392	17,331,874	17,519,203	16,279,543	16,832,844	17,227,974
Fulton	Arkansas	7825	CT1	168,327	117,711	126,190	206,726	353,978	243,011
Hamilton Moses	Arkansas	168	1				39,562		39,562
Hamilton Moses	Arkansas	168	2				25,216		25,216
Harry D. Mattison Power Plant	Arkansas	56328	1			168,872	121,221	455,437	248,510
Harry D. Mattison Power Plant	Arkansas	56328	2			71,621	68,730	333,160	157,837
Harry D. Mattison Power Plant	Arkansas	56328	3	16,491	453,032	204,112	64,167	173,209	276,784
Harry D. Mattison Power Plant	Arkansas	56328	4	9,775	487,574	80,491	47,379	180,562	249,542
Harvey Couch	Arkansas	169	1	52,398	58,826	424,178			178,467
Harvey Couch	Arkansas	169	2	405,762	377,760		661,794	1,009,952	692,503
Hot Spring Energy Facility	Arkansas	55418	CT-1	2,690,135	2,457,547	2,022,474	4,962,730	2,510,742	3,387,869
Hot Spring Energy Facility	Arkansas	55418	CT-2	3,066,879	2,546,087	1,877,267	3,764,549	2,853,554	3,228,327
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	5,245,748	4,889,160	4,071,019	4,824,594	4,786,580	4,986,501
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	4,628,692	4,637,547	3,664,050	4,607,011	5,903,490	5,056,577
Independence	Arkansas	6641	1	29,406,548	32,699,747	28,952,318	26,151,296	28,820,365	30,352,871
Independence	Arkansas	6641	2	31,511,128	31,318,282	23,825,914	29,195,353	24,367,678	30,674,921
Lake Catherine	Arkansas	170	1			487		125	306
Lake Catherine	Arkansas	170	2					2,704	2,704
Lake Catherine	Arkansas	170	3			11,510		1,432	6,471
Lake Catherine	Arkansas	170	4	211,038	411,963	1,158,574	1,415,815	1,799,957	1,458,115
McClellan	Arkansas	203	01	1,204,495	1,362,520	1,223,299	1,022,363	1,577,483	1,387,767
Oswald Generating Station	Arkansas	55221	G1	166,788	396,716	175,691	127,064	340,331	304,246
Oswald Generating Station	Arkansas	55221	G2	182,692	302,891	125,531	141,011	248,049	244,544

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	189,431,481	0.000630	14,285	14,285	9	9
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	189,431,481	0.000742	14,285	14,285	11	11
Dell Power Plant	Arkansas	55340	1	189,431,481	0.005064	14,285	14,285	72	72
Dell Power Plant	Arkansas	55340	2	189,431,481	0.006106	14,285	14,285	87	87
Flint Creek Power Plant	Arkansas	6138	1	189,431,481	0.090946	14,285	14,285	1,299	1,299
Fulton	Arkansas	7825	CT1	189,431,481	0.001283	14,285	14,285	18	18
Hamilton Moses	Arkansas	168	1	189,431,481	0.000209	14,285	14,285	3	3
Hamilton Moses	Arkansas	168	2	189,431,481	0.000133	14,285	14,285	2	2
Harry D. Mattison Power Plant	Arkansas	56328	1	189,431,481	0.001312	14,285	14,285	19	19
Harry D. Mattison Power Plant	Arkansas	56328	2	189,431,481	0.000833	14,285	14,285	12	12
Harry D. Mattison Power Plant	Arkansas	56328	3	189,431,481	0.001461	14,285	14,285	21	21
Harry D. Mattison Power Plant	Arkansas	56328	4	189,431,481	0.001317	14,285	14,285	19	19
Harvey Couch	Arkansas	169	1	189,431,481	0.000942	14,285	14,285	13	13
Harvey Couch	Arkansas	169	2	189,431,481	0.003656	14,285	14,285	52	52
Hot Spring Energy Facility	Arkansas	55418	CT-1	189,431,481	0.017884	14,285	14,285	255	255
Hot Spring Energy Facility	Arkansas	55418	CT-2	189,431,481	0.017042	14,285	14,285	243	243
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	189,431,481	0.026324	14,285	14,285	376	376
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	189,431,481	0.026693	14,285	14,285	381	381
Independence	Arkansas	6641	1	189,431,481	0.160231	14,285	14,285	2,289	2,289
Independence	Arkansas	6641	2	189,431,481	0.161931	14,285	14,285	2,313	2,313
Lake Catherine	Arkansas	170	1	189,431,481	0.000002	14,285	14,285	0	0
Lake Catherine	Arkansas	170	2	189,431,481	0.000014	14,285	14,285	0	0
Lake Catherine	Arkansas	170	3	189,431,481	0.000034	14,285	14,285	0	0
Lake Catherine	Arkansas	170	4	189,431,481	0.007697	14,285	14,285	110	110
McClellan	Arkansas	203	01	189,431,481	0.007326	14,285	14,285	105	105
Oswald Generating Station	Arkansas	55221	G1	189,431,481	0.001606	14,285	14,285	23	23
Oswald Generating Station	Arkansas	55221	G2	189,431,481	0.001291	14,285	14,285	18	18

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
City Water & Light - City of Jonesboro	Arkansas	56505	SN06					7	3
City Water & Light - City of Jonesboro	Arkansas	56505	SN07					7	3
Dell Power Plant	Arkansas	55340	1					0	2
Dell Power Plant	Arkansas	55340	2					1	4
Flint Creek Power Plant	Arkansas	6138	1	2,245	1,970	1,724	2,036	2,308	2,262
Fulton	Arkansas	7825	CT1	2	0	6	5	3	3
Hamilton Moses	Arkansas	168	1		1				
Hamilton Moses	Arkansas	168	2		0				
Harry D. Mattison Power Plant	Arkansas	56328	1						11
Harry D. Mattison Power Plant	Arkansas	56328	2						6
Harry D. Mattison Power Plant	Arkansas	56328	3	1	1	1	0	10	4
Harry D. Mattison Power Plant	Arkansas	56328	4	0	1	1	0	10	2
Harvey Couch	Arkansas	169	1			0	5	5	36
Harvey Couch	Arkansas	169	2	5	20	90	23	23	
Hot Spring Energy Facility	Arkansas	55418	CT-1	17	17	14	16	17	15
Hot Spring Energy Facility	Arkansas	55418	CT-2	13	18	15	19	17	12
Hot Spring Power Co., LLC	Arkansas	55714	SN-01			36	45	35	37
Hot Spring Power Co., LLC	Arkansas	55714	SN-02				44	35	33
Independence	Arkansas	6641	1	2,817	3,881	2,955	3,578	4,325	3,747
Independence	Arkansas	6641	2	3,634	3,968	2,876	3,544	3,930	2,969
Lake Catherine	Arkansas	170	1			4			0
Lake Catherine	Arkansas	170	2		0	2			
Lake Catherine	Arkansas	170	3		0	2			1
Lake Catherine	Arkansas	170	4	271	69	102	20	89	113
McClellan	Arkansas	203	01	191	303	154	123	150	109
Oswald Generating Station	Arkansas	55221	G1	5			8	17	8
Oswald Generating Station	Arkansas	55221	G2	5			8	14	6

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	3	13	13			
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	3	16	16			
Dell Power Plant	Arkansas	55340	1	5	15	15			
Dell Power Plant	Arkansas	55340	2	8	14	14			
Flint Creek Power Plant	Arkansas	6138	1	2,109	2,210	2,308			
Fulton	Arkansas	7825	CT1	5	8	8			
Hamilton Moses	Arkansas	168	1	12		12			
Hamilton Moses	Arkansas	168	2	8		8			
Harry D. Mattison Power Plant	Arkansas	56328	1	3	10	11			
Harry D. Mattison Power Plant	Arkansas	56328	2	1	7	7			
Harry D. Mattison Power Plant	Arkansas	56328	3	1	3	10			
Harry D. Mattison Power Plant	Arkansas	56328	4	1	4	10			
Harvey Couch	Arkansas	169	1			36			
Harvey Couch	Arkansas	169	2	234	73	234			
Hot Spring Energy Facility	Arkansas	55418	CT-1	28	18	28			
Hot Spring Energy Facility	Arkansas	55418	CT-2	21	21	21			
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	29	31	45			
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	26	38	44			
Independence	Arkansas	6641	1	3,430	3,486	4,325			
Independence	Arkansas	6641	2	3,382	2,878	3,968			
Lake Catherine	Arkansas	170	1		0	4			
Lake Catherine	Arkansas	170	2		1	2			
Lake Catherine	Arkansas	170	3		0	2			
Lake Catherine	Arkansas	170	4	191	151	271			
McClellan	Arkansas	203	01	105	207	303			
Oswald Generating Station	Arkansas	55221	G1	6	15	17			
Oswald Generating Station	Arkansas	55221	G2	7	12	14			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
City Water & Light - City of Jonesboro	Arkansas	56505	SN06				12	12
City Water & Light - City of Jonesboro	Arkansas	56505	SN07				14	14
Dell Power Plant	Arkansas	55340	1				15	15
Dell Power Plant	Arkansas	55340	2				14	14
Flint Creek Power Plant	Arkansas	6138	1				1,690	1,690
Fulton	Arkansas	7825	CT1				8	8
Hamilton Moses	Arkansas	168	1				4	4
Hamilton Moses	Arkansas	168	2				2	2
Harry D. Mattison Power Plant	Arkansas	56328	1				11	11
Harry D. Mattison Power Plant	Arkansas	56328	2				7	7
Harry D. Mattison Power Plant	Arkansas	56328	3				10	10
Harry D. Mattison Power Plant	Arkansas	56328	4				10	10
Harvey Couch	Arkansas	169	1				18	18
Harvey Couch	Arkansas	169	2				68	68
Hot Spring Energy Facility	Arkansas	55418	CT-1				28	28
Hot Spring Energy Facility	Arkansas	55418	CT-2				21	21
Hot Spring Power Co., LLC	Arkansas	55714	SN-01				45	45
Hot Spring Power Co., LLC	Arkansas	55714	SN-02				44	44
Independence	Arkansas	6641	1				2,977	2,977
Independence	Arkansas	6641	2				3,009	3,009
Lake Catherine	Arkansas	170	1				0	0
Lake Catherine	Arkansas	170	2				0	0
Lake Catherine	Arkansas	170	3				1	1
Lake Catherine	Arkansas	170	4				143	143
McClellan	Arkansas	203	01				136	136
Oswald Generating Station	Arkansas	55221	G1				17	17
Oswald Generating Station	Arkansas	55221	G2				14	14

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	12	12	12	12	
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	14	14	14	14	
Dell Power Plant	Arkansas	55340	1	15	15	15	15	
Dell Power Plant	Arkansas	55340	2	14	14	14	14	
Flint Creek Power Plant	Arkansas	6138	1	1,690	1,690	1,690	1,690	
Fulton	Arkansas	7825	CT1	8	8	8	8	
Hamilton Moses	Arkansas	168	1	4	4	4	4	
Hamilton Moses	Arkansas	168	2	2	2	2	2	
Harry D. Mattison Power Plant	Arkansas	56328	1	11	11	11	11	
Harry D. Mattison Power Plant	Arkansas	56328	2	7	7	7	7	
Harry D. Mattison Power Plant	Arkansas	56328	3	10	10	10	10	
Harry D. Mattison Power Plant	Arkansas	56328	4	10	10	10	10	
Harvey Couch	Arkansas	169	1	18	18	18	18	
Harvey Couch	Arkansas	169	2	68	68	68	68	
Hot Spring Energy Facility	Arkansas	55418	CT-1	28	28	28	28	
Hot Spring Energy Facility	Arkansas	55418	CT-2	21	21	21	21	
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	45	45	45	45	
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	44	44	44	44	
Independence	Arkansas	6641	1	2,977	2,977	2,977	2,977	
Independence	Arkansas	6641	2	3,009	3,009	3,009	3,009	
Lake Catherine	Arkansas	170	1	0	0	0	0	
Lake Catherine	Arkansas	170	2	0	0	0	0	
Lake Catherine	Arkansas	170	3	1	1	1	1	
Lake Catherine	Arkansas	170	4	143	143	143	143	
McClellan	Arkansas	203	01	136	136	136	136	
Oswald Generating Station	Arkansas	55221	G1	17	17	17	17	
Oswald Generating Station	Arkansas	55221	G2	14	14	14	14	

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
City Water & Light - City of Jonesboro	Arkansas	56505	SN06			Y		
City Water & Light - City of Jonesboro	Arkansas	56505	SN07			Y		
Dell Power Plant	Arkansas	55340	1			Y		
Dell Power Plant	Arkansas	55340	2			Y		
Flint Creek Power Plant	Arkansas	6138	1			Y		
Fulton	Arkansas	7825	CT1			Y		
Hamilton Moses	Arkansas	168	1			Y		
Hamilton Moses	Arkansas	168	2			Y		
Harry D. Mattison Power Plant	Arkansas	56328	1			Y		
Harry D. Mattison Power Plant	Arkansas	56328	2			Y		
Harry D. Mattison Power Plant	Arkansas	56328	3			Y		
Harry D. Mattison Power Plant	Arkansas	56328	4			Y		
Harvey Couch	Arkansas	169	1			Y		
Harvey Couch	Arkansas	169	2			Y		
Hot Spring Energy Facility	Arkansas	55418	CT-1			Y		
Hot Spring Energy Facility	Arkansas	55418	CT-2			Y		
Hot Spring Power Co., LLC	Arkansas	55714	SN-01			Y		
Hot Spring Power Co., LLC	Arkansas	55714	SN-02			Y		
Independence	Arkansas	6641	1			Y		
Independence	Arkansas	6641	2			Y		
Lake Catherine	Arkansas	170	1			Y		
Lake Catherine	Arkansas	170	2			Y		
Lake Catherine	Arkansas	170	3			Y		
Lake Catherine	Arkansas	170	4			Y		
McClellan	Arkansas	203	01			Y		
Oswald Generating Station	Arkansas	55221	G1			Y		
Oswald Generating Station	Arkansas	55221	G2			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Oswald Generating Station	Arkansas	55221	G3	4169	320,679	67,930	195,740	118,634	432,599
Oswald Generating Station	Arkansas	55221	G4	4170	277,541	253,836	213,905	164,386	359,641
Oswald Generating Station	Arkansas	55221	G5	4171	272,688	259,481	209,774	170,524	352,720
Oswald Generating Station	Arkansas	55221	G6	4172	179,151	260,626	236,655	156,007	470,698
Oswald Generating Station	Arkansas	55221	G7	4173	873,876	1,003,529	675,060	441,667	1,379,673
Pine Bluff Energy Center	Arkansas	55075	CT-1	3855	11,386,088	8,157,371	11,795,032	12,528,705	11,743,921
Robert E Ritchie	Arkansas	173	2	109					
Thomas Fitzhugh	Arkansas	201	2	88375	1,224,537	1,061,037	343,114	576,020	804,408
Union Power Station	Arkansas	55380	CTG-1	4590	4,809,436	2,651,574	2,912,991	4,523,351	6,728,101
Union Power Station	Arkansas	55380	CTG-2	4592	5,299,220	3,703,171	2,694,393	4,595,328	6,698,829
Union Power Station	Arkansas	55380	CTG-3	4593	2,583,711	3,832,002	2,508,912	3,955,234	6,077,002
Union Power Station	Arkansas	55380	CTG-4	4594	4,527,275	3,919,364	2,376,961	3,665,663	5,709,546
Union Power Station	Arkansas	55380	CTG-5	4595	3,729,244	4,026,370	2,308,357	4,973,654	6,268,610
Union Power Station	Arkansas	55380	CTG-6	4596	3,430,688	3,591,909	2,620,579	4,934,081	6,416,405
Union Power Station	Arkansas	55380	CTG-7	4597	5,433,578	2,942,331	2,562,900	3,291,117	5,802,453
Union Power Station	Arkansas	55380	CTG-8	4598	5,170,518	2,898,398	2,478,100	3,527,888	5,797,600
White Bluff	Arkansas	6009	1	2675	44,649,451	64,257,780	60,208,919	52,685,717	63,178,868
White Bluff	Arkansas	6009	2	2676	62,113,784	43,506,482	56,172,793	56,474,072	49,581,773
Anclote	Florida	8048	1	3438	17,881,223	19,169,234	15,086,558	10,944,499	11,961,875
Anclote	Florida	8048	2	3439	20,409,959	20,127,343	15,367,279	10,450,458	12,251,402
Arvah B Hopkins	Florida	688	1	518	830,818	2,766,252	1,670,855	1,340,721	1,928,590
Arvah B Hopkins	Florida	688	2A	89683				9,301,968	9,706,777
Arvah B Hopkins	Florida	688	HC2	90127			56,416	17,553	28,052
Arvah B Hopkins	Florida	688	HC3	89526	498,647	524,964	337,901	213,356	204,616
Arvah B Hopkins	Florida	688	HC4	89527	483,599	487,044	274,249	187,711	293,566
Auburndale Cogeneration Facility	Florida	54658	1	3793	5,569,873	5,713,467	5,572,103	5,553,840	5,342,635
Auburndale Peaker Energy Center	Florida	55833	6	8444	170,694	609,397	274,325	284,560	161,422

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Oswald Generating Station	Arkansas	55221	G3	316,339	380,754,402	0.000831		
Oswald Generating Station	Arkansas	55221	G4	297,006	380,754,402	0.000780		
Oswald Generating Station	Arkansas	55221	G5	294,963	380,754,402	0.000775		
Oswald Generating Station	Arkansas	55221	G6	322,659	380,754,402	0.000847		
Oswald Generating Station	Arkansas	55221	G7	1,085,693	380,754,402	0.002851		
Pine Bluff Energy Center	Arkansas	55075	CT-1	12,022,553	380,754,402	0.031576		
Robert E Ritchie	Arkansas	173	2		380,754,402			
Thomas Fitzhugh	Arkansas	201	2	1,029,994	380,754,402	0.002705		
Union Power Station	Arkansas	55380	CTG-1	5,353,629	380,754,402	0.014061		
Union Power Station	Arkansas	55380	CTG-2	5,531,126	380,754,402	0.014527		
Union Power Station	Arkansas	55380	CTG-3	4,621,413	380,754,402	0.012138		
Union Power Station	Arkansas	55380	CTG-4	4,718,729	380,754,402	0.012393		
Union Power Station	Arkansas	55380	CTG-5	5,089,544	380,754,402	0.013367		
Union Power Station	Arkansas	55380	CTG-6	4,980,798	380,754,402	0.013081		
Union Power Station	Arkansas	55380	CTG-7	4,842,382	380,754,402	0.012718		
Union Power Station	Arkansas	55380	CTG-8	4,832,002	380,754,402	0.012691		
White Bluff	Arkansas	6009	1	62,548,522	380,754,402	0.164275		
White Bluff	Arkansas	6009	2	58,253,550	380,754,402	0.152995		
Anclote	Florida	8048	1	17,379,005	1,915,047,347	0.009075		
Anclote	Florida	8048	2	18,634,860	1,915,047,347	0.009731		
Arvah B Hopkins	Florida	688	1	2,121,899	1,915,047,347	0.001108		
Arvah B Hopkins	Florida	688	2A	9,504,372	1,915,047,347	0.004963		
Arvah B Hopkins	Florida	688	HC2	34,007	1,915,047,347	0.000018		
Arvah B Hopkins	Florida	688	HC3	453,837	1,915,047,347	0.000237		
Arvah B Hopkins	Florida	688	HC4	421,403	1,915,047,347	0.000220		
Auburndale Cogeneration Facility	Florida	54658	1	5,618,481	1,915,047,347	0.002934		
Auburndale Peaker Energy Center	Florida	55833	6	389,427	1,915,047,347	0.000203		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Oswald Generating Station	Arkansas	55221	G3						
Oswald Generating Station	Arkansas	55221	G4						
Oswald Generating Station	Arkansas	55221	G5						
Oswald Generating Station	Arkansas	55221	G6						
Oswald Generating Station	Arkansas	55221	G7						
Pine Bluff Energy Center	Arkansas	55075	CT-1						
Robert E Ritchie	Arkansas	173	2						
Thomas Fitzhugh	Arkansas	201	2						
Union Power Station	Arkansas	55380	CTG-1						
Union Power Station	Arkansas	55380	CTG-2						
Union Power Station	Arkansas	55380	CTG-3						
Union Power Station	Arkansas	55380	CTG-4						
Union Power Station	Arkansas	55380	CTG-5						
Union Power Station	Arkansas	55380	CTG-6						
Union Power Station	Arkansas	55380	CTG-7						
Union Power Station	Arkansas	55380	CTG-8						
White Bluff	Arkansas	6009	1						
White Bluff	Arkansas	6009	2						
Anclote	Florida	8048	1						
Anclote	Florida	8048	2						
Arvah B Hopkins	Florida	688	1						
Arvah B Hopkins	Florida	688	2A						
Arvah B Hopkins	Florida	688	HC2						
Arvah B Hopkins	Florida	688	HC3						
Arvah B Hopkins	Florida	688	HC4						
Auburndale Cogeneration Facility	Florida	54658	1						
Auburndale Peaker Energy Center	Florida	55833	6						

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Oswald Generating Station	Arkansas	55221	G3	0			0	0	0
Oswald Generating Station	Arkansas	55221	G4	0			0	0	0
Oswald Generating Station	Arkansas	55221	G5	0			0	0	0
Oswald Generating Station	Arkansas	55221	G6	0			0	0	0
Oswald Generating Station	Arkansas	55221	G7	0			0	0	0
Pine Bluff Energy Center	Arkansas	55075	CT-1	10	6	4	3	2	4
Robert E Ritchie	Arkansas	173	2						
Thomas Fitzhugh	Arkansas	201	2	9	0	14	0	13	0
Union Power Station	Arkansas	55380	CTG-1	1	1	1	1	1	1
Union Power Station	Arkansas	55380	CTG-2	1	1	1	2	1	1
Union Power Station	Arkansas	55380	CTG-3	1	0	1	1	1	1
Union Power Station	Arkansas	55380	CTG-4	1	0	1	1	1	1
Union Power Station	Arkansas	55380	CTG-5	1	1	1	1	1	1
Union Power Station	Arkansas	55380	CTG-6	1	1	1	1	1	1
Union Power Station	Arkansas	55380	CTG-7	1	1	1	2	1	1
Union Power Station	Arkansas	55380	CTG-8	1	1	1	2	1	1
White Bluff	Arkansas	6009	1	21,653	21,519	17,394	15,990	19,481	19,399
White Bluff	Arkansas	6009	2	17,650	22,979	17,496	22,132	14,035	18,540
Anclote	Florida	8048	1	15,713	16,942	16,477	10,620	13,163	8,139
Anclote	Florida	8048	2	18,382	16,069	16,439	12,887	13,876	9,189
Arvah B Hopkins	Florida	688	1	92	105	16	15	1	12
Arvah B Hopkins	Florida	688	2A						
Arvah B Hopkins	Florida	688	HC2						
Arvah B Hopkins	Florida	688	HC3			0	0	2	0
Arvah B Hopkins	Florida	688	HC4			2	1	1	0
Auburndale Cogeneration Facility	Florida	54658	1	3	2	2	2	2	2
Auburndale Peaker Energy Center	Florida	55833	6	1	0	0	0	0	0

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Oswald Generating Station	Arkansas	55221	G3	0	0	0			
Oswald Generating Station	Arkansas	55221	G4	0	0	0			
Oswald Generating Station	Arkansas	55221	G5	0	0	0			
Oswald Generating Station	Arkansas	55221	G6	0	0	0			
Oswald Generating Station	Arkansas	55221	G7	0	0	0			
Pine Bluff Energy Center	Arkansas	55075	CT-1	4	4	10			
Robert E Ritchie	Arkansas	173	2			0			
Thomas Fitzhugh	Arkansas	201	2	0	0	14			
Union Power Station	Arkansas	55380	CTG-1	1	2	2			
Union Power Station	Arkansas	55380	CTG-2	1	2	2			
Union Power Station	Arkansas	55380	CTG-3	1	2	2			
Union Power Station	Arkansas	55380	CTG-4	1	2	2			
Union Power Station	Arkansas	55380	CTG-5	1	2	2			
Union Power Station	Arkansas	55380	CTG-6	1	2	2			
Union Power Station	Arkansas	55380	CTG-7	1	2	2			
Union Power Station	Arkansas	55380	CTG-8	1	2	2			
White Bluff	Arkansas	6009	1	16,281	15,936	21,653			
White Bluff	Arkansas	6009	2	17,551	12,528	22,979			
Anclote	Florida	8048	1	5,654	3,321	16,942			
Anclote	Florida	8048	2	4,425	3,735	18,382			
Arvah B Hopkins	Florida	688	1	2	45	105			
Arvah B Hopkins	Florida	688	2A	4	3	4			
Arvah B Hopkins	Florida	688	HC2	0	0	0			
Arvah B Hopkins	Florida	688	HC3	0	0	2			
Arvah B Hopkins	Florida	688	HC4	0	0	2			
Auburndale Cogeneration Facility	Florida	54658	1	2	2	3			
Auburndale Peaker Energy Center	Florida	55833	6	0	0	1			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Oswald Generating Station	Arkansas	55221	G3				8		
Oswald Generating Station	Arkansas	55221	G4				9		
Oswald Generating Station	Arkansas	55221	G5				8		
Oswald Generating Station	Arkansas	55221	G6				8		
Oswald Generating Station	Arkansas	55221	G7				7		
Pine Bluff Energy Center	Arkansas	55075	CT-1				793	267	208
Robert E Ritchie	Arkansas	173	2				0		
Thomas Fitzhugh	Arkansas	201	2				39	7	76
Union Power Station	Arkansas	55380	CTG-1				44	26	38
Union Power Station	Arkansas	55380	CTG-2				44	23	39
Union Power Station	Arkansas	55380	CTG-3				45	16	23
Union Power Station	Arkansas	55380	CTG-4				37	18	21
Union Power Station	Arkansas	55380	CTG-5				27	25	22
Union Power Station	Arkansas	55380	CTG-6				29	20	22
Union Power Station	Arkansas	55380	CTG-7				26	45	38
Union Power Station	Arkansas	55380	CTG-8				28	39	39
White Bluff	Arkansas	6009	1				10,855	9,196	8,268
White Bluff	Arkansas	6009	2				8,161	9,011	7,995
Anclote	Florida	8048	1				4,080	5,428	4,553
Anclote	Florida	8048	2				5,140	5,251	5,377
Arvah B Hopkins	Florida	688	1				235	198	199
Arvah B Hopkins	Florida	688	2A						
Arvah B Hopkins	Florida	688	HC2						
Arvah B Hopkins	Florida	688	HC3						1
Arvah B Hopkins	Florida	688	HC4						1
Auburndale Cogeneration Facility	Florida	54658	1				134	114	115
Auburndale Peaker Energy Center	Florida	55833	6				15	6	4

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Oswald Generating Station	Arkansas	55221	G3	14	3	9	5	19	19
Oswald Generating Station	Arkansas	55221	G4	12	11	10	7	16	16
Oswald Generating Station	Arkansas	55221	G5	12	12	10	7	16	16
Oswald Generating Station	Arkansas	55221	G6	8	12	11	7	22	22
Oswald Generating Station	Arkansas	55221	G7	21	13	10	8	21	21
Pine Bluff Energy Center	Arkansas	55075	CT-1	190	172	182	192	192	793
Robert E Ritchie	Arkansas	173	2						0
Thomas Fitzhugh	Arkansas	201	2	56	91	22	35	57	91
Union Power Station	Arkansas	55380	CTG-1	47	26	34	41	56	56
Union Power Station	Arkansas	55380	CTG-2	54	35	25	37	50	54
Union Power Station	Arkansas	55380	CTG-3	26	33	29	36	57	57
Union Power Station	Arkansas	55380	CTG-4	45	33	23	29	46	46
Union Power Station	Arkansas	55380	CTG-5	36	33	21	38	49	49
Union Power Station	Arkansas	55380	CTG-6	36	33	26	38	48	48
Union Power Station	Arkansas	55380	CTG-7	59	25	27	28	50	59
Union Power Station	Arkansas	55380	CTG-8	54	28	25	31	44	54
White Bluff	Arkansas	6009	1	5,678	7,744	7,846	6,569	7,927	10,855
White Bluff	Arkansas	6009	2	8,477	6,156	8,626	7,955	7,880	9,011
Anclote	Florida	8048	1	2,948	3,502	2,043	1,260	1,013	5,428
Anclote	Florida	8048	2	3,554	3,076	1,770	855	949	5,377
Arvah B Hopkins	Florida	688	1	89	307	192	155	195	307
Arvah B Hopkins	Florida	688	2A				78	83	83
Arvah B Hopkins	Florida	688	HC2			20	6	10	20
Arvah B Hopkins	Florida	688	HC3	4	4	3	5	13	13
Arvah B Hopkins	Florida	688	HC4	4	4	2	5	3	5
Auburndale Cogeneration Facility	Florida	54658	1	138	137	131	138	132	138
Auburndale Peaker Energy Center	Florida	55833	6	8	27	12	13	8	27

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Oswald Generating Station	Arkansas	55221	G3						
Oswald Generating Station	Arkansas	55221	G4						
Oswald Generating Station	Arkansas	55221	G5						
Oswald Generating Station	Arkansas	55221	G6						
Oswald Generating Station	Arkansas	55221	G7						
Pine Bluff Energy Center	Arkansas	55075	CT-1						
Robert E Ritchie	Arkansas	173	2						
Thomas Fitzhugh	Arkansas	201	2						
Union Power Station	Arkansas	55380	CTG-1						
Union Power Station	Arkansas	55380	CTG-2						
Union Power Station	Arkansas	55380	CTG-3						
Union Power Station	Arkansas	55380	CTG-4						
Union Power Station	Arkansas	55380	CTG-5						
Union Power Station	Arkansas	55380	CTG-6						
Union Power Station	Arkansas	55380	CTG-7						
Union Power Station	Arkansas	55380	CTG-8						
White Bluff	Arkansas	6009	1						
White Bluff	Arkansas	6009	2						
Anclote	Florida	8048	1						
Anclote	Florida	8048	2						
Arvah B Hopkins	Florida	688	1						
Arvah B Hopkins	Florida	688	2A						
Arvah B Hopkins	Florida	688	HC2						
Arvah B Hopkins	Florida	688	HC3						
Arvah B Hopkins	Florida	688	HC4						
Auburndale Cogeneration Facility	Florida	54658	1						
Auburndale Peaker Energy Center	Florida	55833	6						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Oswald Generating Station	Arkansas	55221	G3				
Oswald Generating Station	Arkansas	55221	G4				
Oswald Generating Station	Arkansas	55221	G5				
Oswald Generating Station	Arkansas	55221	G6				
Oswald Generating Station	Arkansas	55221	G7				
Pine Bluff Energy Center	Arkansas	55075	CT-1				
Robert E Ritchie	Arkansas	173	2				
Thomas Fitzhugh	Arkansas	201	2				
Union Power Station	Arkansas	55380	CTG-1				
Union Power Station	Arkansas	55380	CTG-2				
Union Power Station	Arkansas	55380	CTG-3				
Union Power Station	Arkansas	55380	CTG-4				
Union Power Station	Arkansas	55380	CTG-5				
Union Power Station	Arkansas	55380	CTG-6				
Union Power Station	Arkansas	55380	CTG-7				
Union Power Station	Arkansas	55380	CTG-8				
White Bluff	Arkansas	6009	1				
White Bluff	Arkansas	6009	2				
Anclote	Florida	8048	1				
Anclote	Florida	8048	2				
Arvah B Hopkins	Florida	688	1				
Arvah B Hopkins	Florida	688	2A				
Arvah B Hopkins	Florida	688	HC2				
Arvah B Hopkins	Florida	688	HC3				
Arvah B Hopkins	Florida	688	HC4				
Auburndale Cogeneration Facility	Florida	54658	1				
Auburndale Peaker Energy Center	Florida	55833	6				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Oswald Generating Station	Arkansas	55221	G3				
Oswald Generating Station	Arkansas	55221	G4				
Oswald Generating Station	Arkansas	55221	G5				
Oswald Generating Station	Arkansas	55221	G6				
Oswald Generating Station	Arkansas	55221	G7				
Pine Bluff Energy Center	Arkansas	55075	CT-1				
Robert E Ritchie	Arkansas	173	2				
Thomas Fitzhugh	Arkansas	201	2				
Union Power Station	Arkansas	55380	CTG-1				
Union Power Station	Arkansas	55380	CTG-2				
Union Power Station	Arkansas	55380	CTG-3				
Union Power Station	Arkansas	55380	CTG-4				
Union Power Station	Arkansas	55380	CTG-5				
Union Power Station	Arkansas	55380	CTG-6				
Union Power Station	Arkansas	55380	CTG-7				
Union Power Station	Arkansas	55380	CTG-8				
White Bluff	Arkansas	6009	1				
White Bluff	Arkansas	6009	2				
Anclote	Florida	8048	1				
Anclote	Florida	8048	2				
Arvah B Hopkins	Florida	688	1				
Arvah B Hopkins	Florida	688	2A				
Arvah B Hopkins	Florida	688	HC2				
Arvah B Hopkins	Florida	688	HC3				
Arvah B Hopkins	Florida	688	HC4				
Auburndale Cogeneration Facility	Florida	54658	1				
Auburndale Peaker Energy Center	Florida	55833	6				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reappportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)
Oswald Generating Station	Arkansas	55221	G3				
Oswald Generating Station	Arkansas	55221	G4				
Oswald Generating Station	Arkansas	55221	G5				
Oswald Generating Station	Arkansas	55221	G6				
Oswald Generating Station	Arkansas	55221	G7				
Pine Bluff Energy Center	Arkansas	55075	CT-1				
Robert E Ritchie	Arkansas	173	2				
Thomas Fitzhugh	Arkansas	201	2				
Union Power Station	Arkansas	55380	CTG-1				
Union Power Station	Arkansas	55380	CTG-2				
Union Power Station	Arkansas	55380	CTG-3				
Union Power Station	Arkansas	55380	CTG-4				
Union Power Station	Arkansas	55380	CTG-5				
Union Power Station	Arkansas	55380	CTG-6				
Union Power Station	Arkansas	55380	CTG-7				
Union Power Station	Arkansas	55380	CTG-8				
White Bluff	Arkansas	6009	1				
White Bluff	Arkansas	6009	2				
Anclote	Florida	8048	1				
Anclote	Florida	8048	2				
Arvah B Hopkins	Florida	688	1				
Arvah B Hopkins	Florida	688	2A				
Arvah B Hopkins	Florida	688	HC2				
Arvah B Hopkins	Florida	688	HC3				
Arvah B Hopkins	Florida	688	HC4				
Auburndale Cogeneration Facility	Florida	54658	1				
Auburndale Peaker Energy Center	Florida	55833	6				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Oswald Generating Station	Arkansas	55221	G3	269,756	66,734	187,850	118,634	372,782	276,796
Oswald Generating Station	Arkansas	55221	G4	231,019	249,616	212,052	153,772	314,054	264,896
Oswald Generating Station	Arkansas	55221	G5	224,873	255,682	205,851	154,747	295,922	258,826
Oswald Generating Station	Arkansas	55221	G6	136,454	256,468	232,229	141,203	384,935	291,211
Oswald Generating Station	Arkansas	55221	G7	755,250	983,118	667,108	389,672	1,056,694	931,687
Pine Bluff Energy Center	Arkansas	55075	CT-1	4,551,885	3,416,749	4,855,513	5,541,777	5,428,136	5,275,142
Robert E Ritchie	Arkansas	173	2						
Thomas Fitzhugh	Arkansas	201	2	1,222,329	902,889	336,262	446,222	589,664	904,961
Union Power Station	Arkansas	55380	CTG-1	3,169,089	1,972,341	1,836,449	2,539,956	3,171,052	2,960,033
Union Power Station	Arkansas	55380	CTG-2	3,365,866	1,906,443	1,606,148	2,415,377	3,235,027	3,005,423
Union Power Station	Arkansas	55380	CTG-3	1,549,024	2,504,077	895,550	2,708,423	3,481,768	2,898,089
Union Power Station	Arkansas	55380	CTG-4	2,923,331	2,703,762	897,966	2,538,844	3,307,618	2,978,237
Union Power Station	Arkansas	55380	CTG-5	3,263,437	3,064,423	2,298,202	2,796,025	3,149,297	3,159,052
Union Power Station	Arkansas	55380	CTG-6	3,020,779	2,813,693	2,612,638	2,814,779	3,012,809	2,949,456
Union Power Station	Arkansas	55380	CTG-7	3,158,515	2,670,659	1,651,630	2,287,746	3,311,010	3,046,728
Union Power Station	Arkansas	55380	CTG-8	3,349,160	2,833,916	1,513,504	2,384,735	3,261,634	3,148,237
White Bluff	Arkansas	6009	1	25,808,126	24,579,069	20,641,884	20,926,770	29,784,908	26,724,034
White Bluff	Arkansas	6009	2	25,102,688	21,155,183	26,038,862	26,556,064	27,184,678	26,593,201
Anclote	Florida	8048	1	11,273,799	10,259,687	8,324,280	4,877,510	4,902,103	9,952,589
Anclote	Florida	8048	2	11,547,323	10,714,143	8,252,079	4,970,821	6,041,796	10,171,182
Arvah B Hopkins	Florida	688	1	236,107	1,121,721	661,041	386,540	865,781	882,848
Arvah B Hopkins	Florida	688	2A				5,072,269	5,009,277	5,040,773
Arvah B Hopkins	Florida	688	HC2			44,690	7,800	16,539	23,010
Arvah B Hopkins	Florida	688	HC3	371,234	284,291	213,119	61,522	138,196	289,548
Arvah B Hopkins	Florida	688	HC4	339,262	264,471	172,660	79,590	227,595	277,109
Auburndale Cogeneration Facility	Florida	54658	1	2,320,862	2,249,255	2,231,619	2,129,008	2,146,841	2,267,245
Auburndale Peaker Energy Center	Florida	55833	6	77,520	403,739	161,054	219,441	145,014	261,411

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Oswald Generating Station	Arkansas	55221	G3	189,431,481	0.001461	14,285	14,285	21	21
Oswald Generating Station	Arkansas	55221	G4	189,431,481	0.001398	14,285	14,285	20	20
Oswald Generating Station	Arkansas	55221	G5	189,431,481	0.001366	14,285	14,285	20	20
Oswald Generating Station	Arkansas	55221	G6	189,431,481	0.001537	14,285	14,285	22	22
Oswald Generating Station	Arkansas	55221	G7	189,431,481	0.004918	14,285	14,285	70	70
Pine Bluff Energy Center	Arkansas	55075	CT-1	189,431,481	0.027847	14,285	14,285	398	398
Robert E Ritchie	Arkansas	173	2	189,431,481		14,285	14,285		
Thomas Fitzhugh	Arkansas	201	2	189,431,481	0.004777	14,285	14,285	68	68
Union Power Station	Arkansas	55380	CTG-1	189,431,481	0.015626	14,285	14,285	223	223
Union Power Station	Arkansas	55380	CTG-2	189,431,481	0.015865	14,285	14,285	227	227
Union Power Station	Arkansas	55380	CTG-3	189,431,481	0.015299	14,285	14,285	219	219
Union Power Station	Arkansas	55380	CTG-4	189,431,481	0.015722	14,285	14,285	225	225
Union Power Station	Arkansas	55380	CTG-5	189,431,481	0.016676	14,285	14,285	238	238
Union Power Station	Arkansas	55380	CTG-6	189,431,481	0.015570	14,285	14,285	222	222
Union Power Station	Arkansas	55380	CTG-7	189,431,481	0.016084	14,285	14,285	230	230
Union Power Station	Arkansas	55380	CTG-8	189,431,481	0.016619	14,285	14,285	237	237
White Bluff	Arkansas	6009	1	189,431,481	0.141075	14,285	14,285	2,015	2,015
White Bluff	Arkansas	6009	2	189,431,481	0.140384	14,285	14,285	2,005	2,005
Anclote	Florida	8048	1	955,294,478	0.010418	28,071	27,268	292	284
Anclote	Florida	8048	2	955,294,478	0.010647	28,071	27,268	299	290
Arvah B Hopkins	Florida	688	1	955,294,478	0.000924	28,071	27,268	26	25
Arvah B Hopkins	Florida	688	2A	955,294,478	0.005277	28,071	27,268	148	144
Arvah B Hopkins	Florida	688	HC2	955,294,478	0.000024	28,071	27,268	1	1
Arvah B Hopkins	Florida	688	HC3	955,294,478	0.000303	28,071	27,268	9	8
Arvah B Hopkins	Florida	688	HC4	955,294,478	0.000290	28,071	27,268	8	8
Auburndale Cogeneration Facility	Florida	54658	1	955,294,478	0.002373	28,071	27,268	67	65
Auburndale Peaker Energy Center	Florida	55833	6	955,294,478	0.000274	28,071	27,268	8	7

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Oswald Generating Station	Arkansas	55221	G3	4			11	3	9
Oswald Generating Station	Arkansas	55221	G4	5			10	11	10
Oswald Generating Station	Arkansas	55221	G5	5			10	12	9
Oswald Generating Station	Arkansas	55221	G6	4			6	11	11
Oswald Generating Station	Arkansas	55221	G7	3			19	13	10
Pine Bluff Energy Center	Arkansas	55075	CT-1	231	81	76	74	69	71
Robert E Ritchie	Arkansas	173	2	0					
Thomas Fitzhugh	Arkansas	201	2	10	3	55	56	78	22
Union Power Station	Arkansas	55380	CTG-1	23	19	23	31	20	19
Union Power Station	Arkansas	55380	CTG-2	24	18	23	34	17	15
Union Power Station	Arkansas	55380	CTG-3	31	8	23	15	20	11
Union Power Station	Arkansas	55380	CTG-4	24	7	21	28	22	8
Union Power Station	Arkansas	55380	CTG-5	27	20	18	31	25	21
Union Power Station	Arkansas	55380	CTG-6	29	17	18	31	25	26
Union Power Station	Arkansas	55380	CTG-7	22	23	25	33	22	17
Union Power Station	Arkansas	55380	CTG-8	25	21	27	34	25	15
White Bluff	Arkansas	6009	1	4,511	3,826	3,595	3,238	3,052	2,813
White Bluff	Arkansas	6009	2	4,513	4,024	3,838	3,358	3,170	4,018
Anclote	Florida	8048	1	2,457	2,416	2,247	1,906	1,898	1,033
Anclote	Florida	8048	2	2,589	2,593	2,733	1,982	1,582	807
Arvah B Hopkins	Florida	688	1	88	133	95	24	128	72
Arvah B Hopkins	Florida	688	2A						
Arvah B Hopkins	Florida	688	HC2						16
Arvah B Hopkins	Florida	688	HC3			0	3	2	2
Arvah B Hopkins	Florida	688	HC4				3	2	2
Auburndale Cogeneration Facility	Florida	54658	1	59	45	49	58	54	51
Auburndale Peaker Energy Center	Florida	55833	6	10	4	2	4	18	7

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns BX - CE			
Oswald Generating Station	Arkansas	55221	G3	5	16	16			
Oswald Generating Station	Arkansas	55221	G4	7	14	14			
Oswald Generating Station	Arkansas	55221	G5	7	14	14			
Oswald Generating Station	Arkansas	55221	G6	6	18	18			
Oswald Generating Station	Arkansas	55221	G7	7	16	19			
Pine Bluff Energy Center	Arkansas	55075	CT-1	80	79	231			
Robert E Ritchie	Arkansas	173	2			0			
Thomas Fitzhugh	Arkansas	201	2	24	36	78			
Union Power Station	Arkansas	55380	CTG-1	22	27	31			
Union Power Station	Arkansas	55380	CTG-2	20	25	34			
Union Power Station	Arkansas	55380	CTG-3	23	32	32			
Union Power Station	Arkansas	55380	CTG-4	18	27	28			
Union Power Station	Arkansas	55380	CTG-5	20	26	31			
Union Power Station	Arkansas	55380	CTG-6	20	24	31			
Union Power Station	Arkansas	55380	CTG-7	20	27	33			
Union Power Station	Arkansas	55380	CTG-8	19	25	34			
White Bluff	Arkansas	6009	1	2,625	3,845	4,511			
White Bluff	Arkansas	6009	2	3,695	4,321	4,513			
Anclote	Florida	8048	1	447	433	2,457			
Anclote	Florida	8048	2	339	482	2,733			
Arvah B Hopkins	Florida	688	1	37	82	133			
Arvah B Hopkins	Florida	688	2A	39	42	42			
Arvah B Hopkins	Florida	688	HC2	3	6	16			
Arvah B Hopkins	Florida	688	HC3	2	12	12			
Arvah B Hopkins	Florida	688	HC4	3	2	3			
Auburndale Cogeneration Facility	Florida	54658	1	54	53	59			
Auburndale Peaker Energy Center	Florida	55833	6	10	7	18			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Oswald Generating Station	Arkansas	55221	G3				16	16
Oswald Generating Station	Arkansas	55221	G4				14	14
Oswald Generating Station	Arkansas	55221	G5				14	14
Oswald Generating Station	Arkansas	55221	G6				18	18
Oswald Generating Station	Arkansas	55221	G7				19	19
Pine Bluff Energy Center	Arkansas	55075	CT-1				231	231
Robert E Ritchie	Arkansas	173	2				0	0
Thomas Fitzhugh	Arkansas	201	2				78	78
Union Power Station	Arkansas	55380	CTG-1				31	31
Union Power Station	Arkansas	55380	CTG-2				34	34
Union Power Station	Arkansas	55380	CTG-3				32	32
Union Power Station	Arkansas	55380	CTG-4				28	28
Union Power Station	Arkansas	55380	CTG-5				31	31
Union Power Station	Arkansas	55380	CTG-6				31	31
Union Power Station	Arkansas	55380	CTG-7				33	33
Union Power Station	Arkansas	55380	CTG-8				34	34
White Bluff	Arkansas	6009	1				2,621	2,621
White Bluff	Arkansas	6009	2				2,608	2,608
Anclote	Florida	8048	1				413	413
Anclote	Florida	8048	2				422	422
Arvah B Hopkins	Florida	688	1				37	37
Arvah B Hopkins	Florida	688	2A				42	42
Arvah B Hopkins	Florida	688	HC2				1	1
Arvah B Hopkins	Florida	688	HC3				12	12
Arvah B Hopkins	Florida	688	HC4				3	3
Auburndale Cogeneration Facility	Florida	54658	1				59	59
Auburndale Peaker Energy Center	Florida	55833	6				11	11

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Oswald Generating Station	Arkansas	55221	G3	16	16	16	16	
Oswald Generating Station	Arkansas	55221	G4	14	14	14	14	
Oswald Generating Station	Arkansas	55221	G5	14	14	14	14	
Oswald Generating Station	Arkansas	55221	G6	18	18	18	18	
Oswald Generating Station	Arkansas	55221	G7	19	19	19	19	
Pine Bluff Energy Center	Arkansas	55075	CT-1	231	231	231	231	
Robert E Ritchie	Arkansas	173	2	0	0	0	0	
Thomas Fitzhugh	Arkansas	201	2	78	78	78	78	
Union Power Station	Arkansas	55380	CTG-1	31	31	31	31	
Union Power Station	Arkansas	55380	CTG-2	34	34	34	34	
Union Power Station	Arkansas	55380	CTG-3	32	32	32	32	
Union Power Station	Arkansas	55380	CTG-4	28	28	28	28	
Union Power Station	Arkansas	55380	CTG-5	31	31	31	31	
Union Power Station	Arkansas	55380	CTG-6	31	31	31	31	
Union Power Station	Arkansas	55380	CTG-7	33	33	33	33	
Union Power Station	Arkansas	55380	CTG-8	34	34	34	34	
White Bluff	Arkansas	6009	1	2,621	2,621	2,621	2,621	
White Bluff	Arkansas	6009	2	2,608	2,608	2,608	2,608	
Anclote	Florida	8048	1					
Anclote	Florida	8048	2					
Arvah B Hopkins	Florida	688	1					
Arvah B Hopkins	Florida	688	2A					
Arvah B Hopkins	Florida	688	HC2					
Arvah B Hopkins	Florida	688	HC3					
Arvah B Hopkins	Florida	688	HC4					
Auburndale Cogeneration Facility	Florida	54658	1					
Auburndale Peaker Energy Center	Florida	55833	6					

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Oswald Generating Station	Arkansas	55221	G3			Y		
Oswald Generating Station	Arkansas	55221	G4			Y		
Oswald Generating Station	Arkansas	55221	G5			Y		
Oswald Generating Station	Arkansas	55221	G6			Y		
Oswald Generating Station	Arkansas	55221	G7			Y		
Pine Bluff Energy Center	Arkansas	55075	CT-1			Y		
Robert E Ritchie	Arkansas	173	2			Y		
Thomas Fitzhugh	Arkansas	201	2			Y		
Union Power Station	Arkansas	55380	CTG-1			Y		
Union Power Station	Arkansas	55380	CTG-2			Y		
Union Power Station	Arkansas	55380	CTG-3			Y		
Union Power Station	Arkansas	55380	CTG-4			Y		
Union Power Station	Arkansas	55380	CTG-5			Y		
Union Power Station	Arkansas	55380	CTG-6			Y		
Union Power Station	Arkansas	55380	CTG-7			Y		
Union Power Station	Arkansas	55380	CTG-8			Y		
White Bluff	Arkansas	6009	1			Y		
White Bluff	Arkansas	6009	2			Y		
Anclote	Florida	8048	1			Y		
Anclote	Florida	8048	2			Y		
Arvah B Hopkins	Florida	688	1			Y		
Arvah B Hopkins	Florida	688	2A			Y		Y
Arvah B Hopkins	Florida	688	HC2			Y		
Arvah B Hopkins	Florida	688	HC3			Y		
Arvah B Hopkins	Florida	688	HC4			Y		
Auburndale Cogeneration Facility	Florida	54658	1			Y		
Auburndale Peaker Energy Center	Florida	55833	6			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Avon Park	Florida	624	P1	89898			177,820	389,990	106,080
Avon Park	Florida	624	P2	89899			109,935	92,970	27,325
Bayboro	Florida	627	1A	89904			31,225	124,354	5,855
Bayboro	Florida	627	1B	89977			31,368	128,264	22,975
Bayboro	Florida	627	2A	89905			42,981	120,612	31,579
Bayboro	Florida	627	2B	89978			41,499	118,541	18,795
Bayboro	Florida	627	3A	89907			14,668	17,930	28,735
Bayboro	Florida	627	3B	89979			15,566	18,614	36,808
Bayboro	Florida	627	4A	89906			52,320	51,047	25,957
Bayboro	Florida	627	4B	89980			47,386	47,425	21,690
Bayside Power Station	Florida	7873	CT1A	3339	5,234,120	7,342,194	8,025,192	8,334,853	7,656,309
Bayside Power Station	Florida	7873	CT1B	3340	8,022,132	7,493,365	8,443,510	8,932,519	8,501,888
Bayside Power Station	Florida	7873	CT1C	3341	7,476,889	6,206,902	8,109,597	8,495,606	9,184,269
Bayside Power Station	Florida	7873	CT2A	3342	7,624,293	8,908,865	6,966,962	9,060,085	8,574,756
Bayside Power Station	Florida	7873	CT2B	3343	8,010,339	8,844,653	7,437,281	8,743,009	8,408,681
Bayside Power Station	Florida	7873	CT2C	3344	7,841,629	8,909,477	7,755,960	8,723,096	8,894,746
Bayside Power Station	Florida	7873	CT2D	3345	7,690,436	8,565,484	7,706,018	8,896,504	8,786,890
Bayside Power Station	Florida	7873	CT3A	90399				132,752	252,773
Bayside Power Station	Florida	7873	CT3B	90400				141,188	253,593
Bayside Power Station	Florida	7873	CT4A	90401				122,791	233,849
Bayside Power Station	Florida	7873	CT4B	90402				124,691	231,720
Bayside Power Station	Florida	7873	CT5A	90403				255,177	196,484
Bayside Power Station	Florida	7873	CT5B	90404				258,079	193,875
Bayside Power Station	Florida	7873	CT6A	90405				265,309	178,130
Bayside Power Station	Florida	7873	CT6B	90406				261,340	180,214
Big Bend	Florida	645	BB01	467	21,744,111	30,598,161	26,751,441	20,504,228	22,512,131
Big Bend	Florida	645	BB02	468	31,478,815	30,942,703	25,306,499	12,866,303	25,888,670

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Avon Park	Florida	624	P1	224,630	1,915,047,347	0.000117		
Avon Park	Florida	624	P2	76,743	1,915,047,347	0.000040		
Bayboro	Florida	627	1A	53,811	1,915,047,347	0.000028		
Bayboro	Florida	627	1B	60,869	1,915,047,347	0.000032		
Bayboro	Florida	627	2A	65,057	1,915,047,347	0.000034		
Bayboro	Florida	627	2B	59,612	1,915,047,347	0.000031		
Bayboro	Florida	627	3A	20,444	1,915,047,347	0.000011		
Bayboro	Florida	627	3B	23,663	1,915,047,347	0.000012		
Bayboro	Florida	627	4A	43,108	1,915,047,347	0.000023		
Bayboro	Florida	627	4B	38,834	1,915,047,347	0.000020		
Bayside Power Station	Florida	7873	CT1A	8,005,451	1,915,047,347	0.004180		
Bayside Power Station	Florida	7873	CT1B	8,625,972	1,915,047,347	0.004504		
Bayside Power Station	Florida	7873	CT1C	8,596,491	1,915,047,347	0.004489		
Bayside Power Station	Florida	7873	CT2A	8,847,902	1,915,047,347	0.004620		
Bayside Power Station	Florida	7873	CT2B	8,665,448	1,915,047,347	0.004525		
Bayside Power Station	Florida	7873	CT2C	8,842,440	1,915,047,347	0.004617		
Bayside Power Station	Florida	7873	CT2D	8,749,626	1,915,047,347	0.004569		
Bayside Power Station	Florida	7873	CT3A	192,763	1,915,047,347	0.000101		
Bayside Power Station	Florida	7873	CT3B	197,391	1,915,047,347	0.000103		
Bayside Power Station	Florida	7873	CT4A	178,320	1,915,047,347	0.000093		
Bayside Power Station	Florida	7873	CT4B	178,205	1,915,047,347	0.000093		
Bayside Power Station	Florida	7873	CT5A	225,831	1,915,047,347	0.000118		
Bayside Power Station	Florida	7873	CT5B	225,977	1,915,047,347	0.000118		
Bayside Power Station	Florida	7873	CT6A	221,720	1,915,047,347	0.000116		
Bayside Power Station	Florida	7873	CT6B	220,777	1,915,047,347	0.000115		
Big Bend	Florida	645	BB01	26,620,578	1,915,047,347	0.013901		
Big Bend	Florida	645	BB02	29,436,729	1,915,047,347	0.015371		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Avon Park	Florida	624	P1						
Avon Park	Florida	624	P2						
Bayboro	Florida	627	1A						
Bayboro	Florida	627	1B						
Bayboro	Florida	627	2A						
Bayboro	Florida	627	2B						
Bayboro	Florida	627	3A						
Bayboro	Florida	627	3B						
Bayboro	Florida	627	4A						
Bayboro	Florida	627	4B						
Bayside Power Station	Florida	7873	CT1A						
Bayside Power Station	Florida	7873	CT1B						
Bayside Power Station	Florida	7873	CT1C						
Bayside Power Station	Florida	7873	CT2A						
Bayside Power Station	Florida	7873	CT2B						
Bayside Power Station	Florida	7873	CT2C						
Bayside Power Station	Florida	7873	CT2D						
Bayside Power Station	Florida	7873	CT3A						
Bayside Power Station	Florida	7873	CT3B						
Bayside Power Station	Florida	7873	CT4A						
Bayside Power Station	Florida	7873	CT4B						
Bayside Power Station	Florida	7873	CT5A						
Bayside Power Station	Florida	7873	CT5B						
Bayside Power Station	Florida	7873	CT6A						
Bayside Power Station	Florida	7873	CT6B						
Big Bend	Florida	645	BB01						
Big Bend	Florida	645	BB02						

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Avon Park	Florida	624	P1						
Avon Park	Florida	624	P2						
Bayboro	Florida	627	1A						
Bayboro	Florida	627	1B						
Bayboro	Florida	627	2A						
Bayboro	Florida	627	2B						
Bayboro	Florida	627	3A						
Bayboro	Florida	627	3B						
Bayboro	Florida	627	4A						
Bayboro	Florida	627	4B						
Bayside Power Station	Florida	7873	CT1A	2	2	2	2	2	2
Bayside Power Station	Florida	7873	CT1B	2	2	3	2	2	3
Bayside Power Station	Florida	7873	CT1C	2	2	3	2	2	2
Bayside Power Station	Florida	7873	CT2A	0	2	2	2	3	2
Bayside Power Station	Florida	7873	CT2B	0	2	2	2	3	2
Bayside Power Station	Florida	7873	CT2C	0	2	2	2	3	2
Bayside Power Station	Florida	7873	CT2D	0	2	2	2	3	2
Bayside Power Station	Florida	7873	CT3A						
Bayside Power Station	Florida	7873	CT3B						
Bayside Power Station	Florida	7873	CT4A						
Bayside Power Station	Florida	7873	CT4B						
Bayside Power Station	Florida	7873	CT5A						
Bayside Power Station	Florida	7873	CT5B						
Bayside Power Station	Florida	7873	CT6A						
Bayside Power Station	Florida	7873	CT6B						
Big Bend	Florida	645	BB01	3,188	2,793	2,827	1,970	2,999	2,097
Big Bend	Florida	645	BB02	3,072	2,947	2,674	3,477	2,717	1,916

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Avon Park	Florida	624	P1	0	0	0			
Avon Park	Florida	624	P2	4	1	4			
Bayboro	Florida	627	1A	28	0	28			
Bayboro	Florida	627	1B	29	1	29			
Bayboro	Florida	627	2A	27	2	27			
Bayboro	Florida	627	2B	26	1	26			
Bayboro	Florida	627	3A	4	1	4			
Bayboro	Florida	627	3B	4	2	4			
Bayboro	Florida	627	4A	11	1	11			
Bayboro	Florida	627	4B	11	1	11			
Bayside Power Station	Florida	7873	CT1A	3	2	3			
Bayside Power Station	Florida	7873	CT1B	3	3	3			
Bayside Power Station	Florida	7873	CT1C	3	3	3			
Bayside Power Station	Florida	7873	CT2A	3	3	3			
Bayside Power Station	Florida	7873	CT2B	3	3	3			
Bayside Power Station	Florida	7873	CT2C	3	3	3			
Bayside Power Station	Florida	7873	CT2D	3	3	3			
Bayside Power Station	Florida	7873	CT3A	0	0	0			
Bayside Power Station	Florida	7873	CT3B	0	0	0			
Bayside Power Station	Florida	7873	CT4A	0	0	0			
Bayside Power Station	Florida	7873	CT4B	0	0	0			
Bayside Power Station	Florida	7873	CT5A	0	0	0			
Bayside Power Station	Florida	7873	CT5B	0	0	0			
Bayside Power Station	Florida	7873	CT6A	0	0	0			
Bayside Power Station	Florida	7873	CT6B	0	0	0			
Big Bend	Florida	645	BB01	1,524	1,989	3,188			
Big Bend	Florida	645	BB02	878	2,215	3,477			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Avon Park	Florida	624	P1						
Avon Park	Florida	624	P2						
Bayboro	Florida	627	1A						
Bayboro	Florida	627	1B						
Bayboro	Florida	627	2A						
Bayboro	Florida	627	2B						
Bayboro	Florida	627	3A						
Bayboro	Florida	627	3B						
Bayboro	Florida	627	4A						
Bayboro	Florida	627	4B						
Bayside Power Station	Florida	7873	CT1A				58	48	53
Bayside Power Station	Florida	7873	CT1B				54	51	52
Bayside Power Station	Florida	7873	CT1C				53	46	53
Bayside Power Station	Florida	7873	CT2A				7	50	48
Bayside Power Station	Florida	7873	CT2B				7	46	53
Bayside Power Station	Florida	7873	CT2C				9	47	51
Bayside Power Station	Florida	7873	CT2D				4	54	52
Bayside Power Station	Florida	7873	CT3A						
Bayside Power Station	Florida	7873	CT3B						
Bayside Power Station	Florida	7873	CT4A						
Bayside Power Station	Florida	7873	CT4B						
Bayside Power Station	Florida	7873	CT5A						
Bayside Power Station	Florida	7873	CT5B						
Bayside Power Station	Florida	7873	CT6A						
Bayside Power Station	Florida	7873	CT6B						
Big Bend	Florida	645	BB01				9,249	8,941	7,441
Big Bend	Florida	645	BB02				8,277	9,259	7,754

				Step 7						
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	
Calculation									Highest value of columns AK - AR	
Avon Park	Florida	624	P1				37	94	18	94
Avon Park	Florida	624	P2				29	31	8	31
Bayboro	Florida	627	1A				11	38	2	38
Bayboro	Florida	627	1B				11	41	10	41
Bayboro	Florida	627	2A				15	38	12	38
Bayboro	Florida	627	2B				13	34	7	34
Bayboro	Florida	627	3A				5	6	10	10
Bayboro	Florida	627	3B				5	6	12	12
Bayboro	Florida	627	4A				17	18	10	18
Bayboro	Florida	627	4B				16	17	9	17
Bayside Power Station	Florida	7873	CT1A	37	53	60	68	58	68	68
Bayside Power Station	Florida	7873	CT1B	55	51	66	66	67	67	67
Bayside Power Station	Florida	7873	CT1C	55	45	58	63	61	63	63
Bayside Power Station	Florida	7873	CT2A	53	61	48	66	66	66	66
Bayside Power Station	Florida	7873	CT2B	55	57	54	64	53	64	64
Bayside Power Station	Florida	7873	CT2C	54	60	51	63	61	63	63
Bayside Power Station	Florida	7873	CT2D	51	1,951	48	60	63	1,951	1,951
Bayside Power Station	Florida	7873	CT3A				6	11	11	11
Bayside Power Station	Florida	7873	CT3B				6	11	11	11
Bayside Power Station	Florida	7873	CT4A				5	10	10	10
Bayside Power Station	Florida	7873	CT4B				5	10	10	10
Bayside Power Station	Florida	7873	CT5A				10	8	10	10
Bayside Power Station	Florida	7873	CT5B				11	8	11	11
Bayside Power Station	Florida	7873	CT6A				11	8	11	11
Bayside Power Station	Florida	7873	CT6B				10	8	10	10
Big Bend	Florida	645	BB01	7,957	10,044	7,927	5,135	969	10,044	10,044
Big Bend	Florida	645	BB02	11,120	10,051	7,480	1,580	1,205	11,120	11,120

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Avon Park	Florida	624	P1						
Avon Park	Florida	624	P2						
Bayboro	Florida	627	1A						
Bayboro	Florida	627	1B						
Bayboro	Florida	627	2A						
Bayboro	Florida	627	2B						
Bayboro	Florida	627	3A						
Bayboro	Florida	627	3B						
Bayboro	Florida	627	4A						
Bayboro	Florida	627	4B						
Bayside Power Station	Florida	7873	CT1A						
Bayside Power Station	Florida	7873	CT1B						
Bayside Power Station	Florida	7873	CT1C						
Bayside Power Station	Florida	7873	CT2A						
Bayside Power Station	Florida	7873	CT2B						
Bayside Power Station	Florida	7873	CT2C						
Bayside Power Station	Florida	7873	CT2D						
Bayside Power Station	Florida	7873	CT3A						
Bayside Power Station	Florida	7873	CT3B						
Bayside Power Station	Florida	7873	CT4A						
Bayside Power Station	Florida	7873	CT4B						
Bayside Power Station	Florida	7873	CT5A						
Bayside Power Station	Florida	7873	CT5B						
Bayside Power Station	Florida	7873	CT6A						
Bayside Power Station	Florida	7873	CT6B						
Big Bend	Florida	645	BB01						
Big Bend	Florida	645	BB02						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Avon Park	Florida	624	P1				
Avon Park	Florida	624	P2				
Bayboro	Florida	627	1A				
Bayboro	Florida	627	1B				
Bayboro	Florida	627	2A				
Bayboro	Florida	627	2B				
Bayboro	Florida	627	3A				
Bayboro	Florida	627	3B				
Bayboro	Florida	627	4A				
Bayboro	Florida	627	4B				
Bayside Power Station	Florida	7873	CT1A				
Bayside Power Station	Florida	7873	CT1B				
Bayside Power Station	Florida	7873	CT1C				
Bayside Power Station	Florida	7873	CT2A				
Bayside Power Station	Florida	7873	CT2B				
Bayside Power Station	Florida	7873	CT2C				
Bayside Power Station	Florida	7873	CT2D				
Bayside Power Station	Florida	7873	CT3A				
Bayside Power Station	Florida	7873	CT3B				
Bayside Power Station	Florida	7873	CT4A				
Bayside Power Station	Florida	7873	CT4B				
Bayside Power Station	Florida	7873	CT5A				
Bayside Power Station	Florida	7873	CT5B				
Bayside Power Station	Florida	7873	CT6A				
Bayside Power Station	Florida	7873	CT6B				
Big Bend	Florida	645	BB01				
Big Bend	Florida	645	BB02				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Avon Park	Florida	624	P1				
Avon Park	Florida	624	P2				
Bayboro	Florida	627	1A				
Bayboro	Florida	627	1B				
Bayboro	Florida	627	2A				
Bayboro	Florida	627	2B				
Bayboro	Florida	627	3A				
Bayboro	Florida	627	3B				
Bayboro	Florida	627	4A				
Bayboro	Florida	627	4B				
Bayside Power Station	Florida	7873	CT1A				
Bayside Power Station	Florida	7873	CT1B				
Bayside Power Station	Florida	7873	CT1C				
Bayside Power Station	Florida	7873	CT2A				
Bayside Power Station	Florida	7873	CT2B				
Bayside Power Station	Florida	7873	CT2C				
Bayside Power Station	Florida	7873	CT2D				
Bayside Power Station	Florida	7873	CT3A				
Bayside Power Station	Florida	7873	CT3B				
Bayside Power Station	Florida	7873	CT4A				
Bayside Power Station	Florida	7873	CT4B				
Bayside Power Station	Florida	7873	CT5A				
Bayside Power Station	Florida	7873	CT5B				
Bayside Power Station	Florida	7873	CT6A				
Bayside Power Station	Florida	7873	CT6B				
Big Bend	Florida	645	BB01				
Big Bend	Florida	645	BB02				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Avon Park	Florida	624	P1				
Avon Park	Florida	624	P2				
Bayboro	Florida	627	1A				
Bayboro	Florida	627	1B				
Bayboro	Florida	627	2A				
Bayboro	Florida	627	2B				
Bayboro	Florida	627	3A				
Bayboro	Florida	627	3B				
Bayboro	Florida	627	4A				
Bayboro	Florida	627	4B				
Bayside Power Station	Florida	7873	CT1A				
Bayside Power Station	Florida	7873	CT1B				
Bayside Power Station	Florida	7873	CT1C				
Bayside Power Station	Florida	7873	CT2A				
Bayside Power Station	Florida	7873	CT2B				
Bayside Power Station	Florida	7873	CT2C				
Bayside Power Station	Florida	7873	CT2D				
Bayside Power Station	Florida	7873	CT3A				
Bayside Power Station	Florida	7873	CT3B				
Bayside Power Station	Florida	7873	CT4A				
Bayside Power Station	Florida	7873	CT4B				
Bayside Power Station	Florida	7873	CT5A				
Bayside Power Station	Florida	7873	CT5B				
Bayside Power Station	Florida	7873	CT6A				
Bayside Power Station	Florida	7873	CT6B				
Big Bend	Florida	645	BB01				
Big Bend	Florida	645	BB02				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Avon Park	Florida	624	P1			99,263	157,472	42,777	99,837
Avon Park	Florida	624	P2			62,694	41,296	3,794	35,928
Bayboro	Florida	627	1A			21,004	11,355		16,180
Bayboro	Florida	627	1B			21,086	10,985	5,810	12,627
Bayboro	Florida	627	2A			15,484	13,150	7,542	12,059
Bayboro	Florida	627	2B			14,900	12,568	3,522	10,330
Bayboro	Florida	627	3A			10,909	13,337	12,976	12,407
Bayboro	Florida	627	3B			11,640	13,818	13,796	13,085
Bayboro	Florida	627	4A			35,277	24,399	10,902	23,526
Bayboro	Florida	627	4B			33,459	22,692	11,884	22,678
Bayside Power Station	Florida	7873	CT1A	2,710,986	3,952,542	3,859,374	4,134,834	3,241,809	3,982,250
Bayside Power Station	Florida	7873	CT1B	3,942,006	4,096,614	3,868,144	4,285,163	3,774,184	4,107,928
Bayside Power Station	Florida	7873	CT1C	3,971,379	3,724,412	3,713,461	3,937,303	4,749,956	4,219,546
Bayside Power Station	Florida	7873	CT2A	3,630,035	3,813,387	3,991,159	4,379,389	4,068,758	4,146,435
Bayside Power Station	Florida	7873	CT2B	3,919,971	3,838,520	3,704,127	4,309,382	3,900,031	4,043,128
Bayside Power Station	Florida	7873	CT2C	4,014,053	4,480,928	4,072,235	4,185,639	4,255,103	4,307,223
Bayside Power Station	Florida	7873	CT2D	3,734,798	3,708,920	3,980,178	4,481,926	4,146,049	4,202,718
Bayside Power Station	Florida	7873	CT3A				78,292	156,973	117,632
Bayside Power Station	Florida	7873	CT3B				87,121	156,270	121,695
Bayside Power Station	Florida	7873	CT4A				97,635	160,811	129,223
Bayside Power Station	Florida	7873	CT4B				99,282	158,656	128,969
Bayside Power Station	Florida	7873	CT5A				210,736	133,473	172,105
Bayside Power Station	Florida	7873	CT5B				213,639	135,877	174,758
Bayside Power Station	Florida	7873	CT6A				221,430	117,130	169,280
Bayside Power Station	Florida	7873	CT6B				220,251	118,667	169,459
Big Bend	Florida	645	BB01	10,952,906	13,764,625	12,246,597	8,550,226	12,296,464	12,769,228
Big Bend	Florida	645	BB02	13,433,462	12,838,771	12,057,768	4,984,836	11,801,655	12,776,667

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Avon Park	Florida	624	P1	955,294,478	0.000105	28,071	27,268	3	3
Avon Park	Florida	624	P2	955,294,478	0.000038	28,071	27,268	1	1
Bayboro	Florida	627	1A	955,294,478	0.000017	28,071	27,268	0	0
Bayboro	Florida	627	1B	955,294,478	0.000013	28,071	27,268	0	0
Bayboro	Florida	627	2A	955,294,478	0.000013	28,071	27,268	0	0
Bayboro	Florida	627	2B	955,294,478	0.000011	28,071	27,268	0	0
Bayboro	Florida	627	3A	955,294,478	0.000013	28,071	27,268	0	0
Bayboro	Florida	627	3B	955,294,478	0.000014	28,071	27,268	0	0
Bayboro	Florida	627	4A	955,294,478	0.000025	28,071	27,268	1	1
Bayboro	Florida	627	4B	955,294,478	0.000024	28,071	27,268	1	1
Bayside Power Station	Florida	7873	CT1A	955,294,478	0.004169	28,071	27,268	117	114
Bayside Power Station	Florida	7873	CT1B	955,294,478	0.004300	28,071	27,268	121	117
Bayside Power Station	Florida	7873	CT1C	955,294,478	0.004417	28,071	27,268	124	120
Bayside Power Station	Florida	7873	CT2A	955,294,478	0.004340	28,071	27,268	122	118
Bayside Power Station	Florida	7873	CT2B	955,294,478	0.004232	28,071	27,268	119	115
Bayside Power Station	Florida	7873	CT2C	955,294,478	0.004509	28,071	27,268	127	123
Bayside Power Station	Florida	7873	CT2D	955,294,478	0.004399	28,071	27,268	123	120
Bayside Power Station	Florida	7873	CT3A	955,294,478	0.000123	28,071	27,268	3	3
Bayside Power Station	Florida	7873	CT3B	955,294,478	0.000127	28,071	27,268	4	3
Bayside Power Station	Florida	7873	CT4A	955,294,478	0.000135	28,071	27,268	4	4
Bayside Power Station	Florida	7873	CT4B	955,294,478	0.000135	28,071	27,268	4	4
Bayside Power Station	Florida	7873	CT5A	955,294,478	0.000180	28,071	27,268	5	5
Bayside Power Station	Florida	7873	CT5B	955,294,478	0.000183	28,071	27,268	5	5
Bayside Power Station	Florida	7873	CT6A	955,294,478	0.000177	28,071	27,268	5	5
Bayside Power Station	Florida	7873	CT6B	955,294,478	0.000177	28,071	27,268	5	5
Big Bend	Florida	645	BB01	955,294,478	0.013367	28,071	27,268	375	364
Big Bend	Florida	645	BB02	955,294,478	0.013375	28,071	27,268	375	365

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Avon Park	Florida	624	P1						18
Avon Park	Florida	624	P2						15
Bayboro	Florida	627	1A						7
Bayboro	Florida	627	1B						7
Bayboro	Florida	627	2A						5
Bayboro	Florida	627	2B						5
Bayboro	Florida	627	3A						3
Bayboro	Florida	627	3B						3
Bayboro	Florida	627	4A						11
Bayboro	Florida	627	4B						11
Bayside Power Station	Florida	7873	CT1A	35	21	25	18	28	29
Bayside Power Station	Florida	7873	CT1B	33	20	23	27	28	31
Bayside Power Station	Florida	7873	CT1C	32	18	23	29	26	26
Bayside Power Station	Florida	7873	CT2A		26	24	25	26	27
Bayside Power Station	Florida	7873	CT2B		26	25	27	24	28
Bayside Power Station	Florida	7873	CT2C		23	25	27	29	26
Bayside Power Station	Florida	7873	CT2D		26	25	24	1,882	23
Bayside Power Station	Florida	7873	CT3A						
Bayside Power Station	Florida	7873	CT3B						
Bayside Power Station	Florida	7873	CT4A						
Bayside Power Station	Florida	7873	CT4B						
Bayside Power Station	Florida	7873	CT5A						
Bayside Power Station	Florida	7873	CT5B						
Bayside Power Station	Florida	7873	CT6A						
Bayside Power Station	Florida	7873	CT6B						
Big Bend	Florida	645	BB01	3,490	3,975	3,714	4,056	4,457	3,651
Big Bend	Florida	645	BB02	3,610	3,941	3,985	4,626	4,146	3,554

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns BX - CE			
Avon Park	Florida	624	P1	40	6	40			
Avon Park	Florida	624	P2	14	1	15			
Bayboro	Florida	627	1A	4		7			
Bayboro	Florida	627	1B	4	2	7			
Bayboro	Florida	627	2A	4	3	5			
Bayboro	Florida	627	2B	4	1	5			
Bayboro	Florida	627	3A	4	4	4			
Bayboro	Florida	627	3B	4	4	4			
Bayboro	Florida	627	4A	8	4	11			
Bayboro	Florida	627	4B	8	5	11			
Bayside Power Station	Florida	7873	CT1A	34	25	35			
Bayside Power Station	Florida	7873	CT1B	30	30	33			
Bayside Power Station	Florida	7873	CT1C	29	29	32			
Bayside Power Station	Florida	7873	CT2A	33	31	33			
Bayside Power Station	Florida	7873	CT2B	31	24	31			
Bayside Power Station	Florida	7873	CT2C	30	29	30			
Bayside Power Station	Florida	7873	CT2D	29	29	1,882			
Bayside Power Station	Florida	7873	CT3A	3	7	7			
Bayside Power Station	Florida	7873	CT3B	4	6	6			
Bayside Power Station	Florida	7873	CT4A	4	7	7			
Bayside Power Station	Florida	7873	CT4B	4	7	7			
Bayside Power Station	Florida	7873	CT5A	8	5	8			
Bayside Power Station	Florida	7873	CT5B	9	6	9			
Bayside Power Station	Florida	7873	CT6A	9	5	9			
Bayside Power Station	Florida	7873	CT6B	9	5	9			
Big Bend	Florida	645	BB01	2,001	475	4,457			
Big Bend	Florida	645	BB02	689	495	4,626			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reappportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reappportionment if BV < (CF and CH))
Avon Park	Florida	624	P1				4	4
Avon Park	Florida	624	P2				1	1
Bayboro	Florida	627	1A				1	1
Bayboro	Florida	627	1B				1	1
Bayboro	Florida	627	2A				1	1
Bayboro	Florida	627	2B				0	0
Bayboro	Florida	627	3A				1	1
Bayboro	Florida	627	3B				1	1
Bayboro	Florida	627	4A				1	1
Bayboro	Florida	627	4B				1	1
Bayside Power Station	Florida	7873	CT1A				35	35
Bayside Power Station	Florida	7873	CT1B				33	33
Bayside Power Station	Florida	7873	CT1C				32	32
Bayside Power Station	Florida	7873	CT2A				33	33
Bayside Power Station	Florida	7873	CT2B				31	31
Bayside Power Station	Florida	7873	CT2C				30	30
Bayside Power Station	Florida	7873	CT2D				175	175
Bayside Power Station	Florida	7873	CT3A				5	5
Bayside Power Station	Florida	7873	CT3B				5	5
Bayside Power Station	Florida	7873	CT4A				5	5
Bayside Power Station	Florida	7873	CT4B				5	5
Bayside Power Station	Florida	7873	CT5A				7	7
Bayside Power Station	Florida	7873	CT5B				7	7
Bayside Power Station	Florida	7873	CT6A				7	7
Bayside Power Station	Florida	7873	CT6B				7	7
Big Bend	Florida	645	BB01				530	530
Big Bend	Florida	645	BB02				531	531

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Avon Park	Florida	624	P1					
Avon Park	Florida	624	P2					
Bayboro	Florida	627	1A					
Bayboro	Florida	627	1B					
Bayboro	Florida	627	2A					
Bayboro	Florida	627	2B					
Bayboro	Florida	627	3A					
Bayboro	Florida	627	3B					
Bayboro	Florida	627	4A					
Bayboro	Florida	627	4B					
Bayside Power Station	Florida	7873	CT1A					
Bayside Power Station	Florida	7873	CT1B					
Bayside Power Station	Florida	7873	CT1C					
Bayside Power Station	Florida	7873	CT2A					
Bayside Power Station	Florida	7873	CT2B					
Bayside Power Station	Florida	7873	CT2C					
Bayside Power Station	Florida	7873	CT2D					
Bayside Power Station	Florida	7873	CT3A					
Bayside Power Station	Florida	7873	CT3B					
Bayside Power Station	Florida	7873	CT4A					
Bayside Power Station	Florida	7873	CT4B					
Bayside Power Station	Florida	7873	CT5A					
Bayside Power Station	Florida	7873	CT5B					
Bayside Power Station	Florida	7873	CT6A					
Bayside Power Station	Florida	7873	CT6B					
Big Bend	Florida	645	BB01					
Big Bend	Florida	645	BB02					

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Avon Park	Florida	624	P1			Y		
Avon Park	Florida	624	P2			Y		
Bayboro	Florida	627	1A			Y		
Bayboro	Florida	627	1B			Y		
Bayboro	Florida	627	2A			Y		
Bayboro	Florida	627	2B			Y		
Bayboro	Florida	627	3A			Y		
Bayboro	Florida	627	3B			Y		
Bayboro	Florida	627	4A			Y		
Bayboro	Florida	627	4B			Y		
Bayside Power Station	Florida	7873	CT1A			Y		
Bayside Power Station	Florida	7873	CT1B			Y		
Bayside Power Station	Florida	7873	CT1C			Y		
Bayside Power Station	Florida	7873	CT2A			Y		
Bayside Power Station	Florida	7873	CT2B			Y		
Bayside Power Station	Florida	7873	CT2C			Y		
Bayside Power Station	Florida	7873	CT2D			Y		
Bayside Power Station	Florida	7873	CT3A			Y		
Bayside Power Station	Florida	7873	CT3B			Y		
Bayside Power Station	Florida	7873	CT4A			Y		
Bayside Power Station	Florida	7873	CT4B			Y		
Bayside Power Station	Florida	7873	CT5A			Y		
Bayside Power Station	Florida	7873	CT5B			Y		
Bayside Power Station	Florida	7873	CT6A			Y		
Bayside Power Station	Florida	7873	CT6B			Y		
Big Bend	Florida	645	BB01			Y		
Big Bend	Florida	645	BB02			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Big Bend	Florida	645	BB03	469	26,407,518	18,209,302	17,695,716	31,424,714	30,199,343
Big Bend	Florida	645	BB04	470	34,996,898	22,290,774	29,665,131	31,965,301	28,530,360
Big Bend	Florida	645	CT4A	90409				65,031	212,568
Big Bend	Florida	645	CT4B	90479				63,115	224,411
Brandy Branch	Florida	7846	1	3310	551,367	564,638	305,375	336,525	348,868
Brandy Branch	Florida	7846	2	3311	4,979,329	5,160,890	4,367,079	5,478,901	8,060,923
Brandy Branch	Florida	7846	3	3312	4,516,169	5,952,031	5,370,692	6,360,934	8,397,737
C D McIntosh Jr Power Plant	Florida	676	1	512	739,452	617,517	170,568	2,444	
C D McIntosh Jr Power Plant	Florida	676	2	513	1,221,599	1,335,327	315,144	474,295	629,685
C D McIntosh Jr Power Plant	Florida	676	3	514	21,814,160	27,657,255	31,468,809	19,974,895	17,551,739
C D McIntosh Jr Power Plant	Florida	676	5	515	5,931,406	8,365,819	5,500,323	10,242,009	10,920,127
Cane Island	Florida	7238	**1	3043	50,280	61,540	100,542	128,686	83,056
Cane Island	Florida	7238	2	3044	2,020,526	2,123,639	1,673,735	1,743,882	1,515,518
Cane Island	Florida	7238	3	3045	8,056,435	8,885,692	8,472,169	8,997,530	9,307,968
Cape Canaveral	Florida	609	PCC1	399	11,051,206	9,856,344	7,062,026	9,401,850	1,264,124
Cape Canaveral	Florida	609	PCC2	400	10,466,939	11,701,105	6,377,570	7,993,648	1,869,026
Cedar Bay Generating Co. LP	Florida	10672	CBA	89859			8,073,763	7,058,495	7,513,495
Cedar Bay Generating Co. LP	Florida	10672	CBB	90112			8,060,856	7,471,021	7,465,918
Cedar Bay Generating Co. LP	Florida	10672	CBC	90113			8,007,471	6,849,345	7,031,360
Central Power & Lime	Florida	10333	1	89797			9,903,484	9,323,073	7,794,919
Charles Larsen Memorial Power Plant	Florida	675	**8	509	1,820,079	1,407,635	953,693	1,153,036	1,641,309
Crist Electric Generating Plant	Florida	641	4	459	6,072,700	6,372,368	3,701,812	2,448,587	3,223,270
Crist Electric Generating Plant	Florida	641	5	460	5,720,972	5,529,943	4,496,267	4,135,866	5,733,643
Crist Electric Generating Plant	Florida	641	6	461	20,800,824	22,296,799	15,345,552	10,635,530	15,565,737
Crist Electric Generating Plant	Florida	641	7	462	37,937,174	36,950,689	35,510,560	22,037,348	38,173,488
Crystal River	Florida	628	1	440	23,515,869	21,317,392	19,570,946	20,859,374	18,764,096
Crystal River	Florida	628	2	441	27,693,709	25,056,926	28,622,672	23,734,375	23,457,819

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Big Bend	Florida	645	BB03	29,343,858	1,915,047,347	0.015323		
Big Bend	Florida	645	BB04	32,209,110	1,915,047,347	0.016819		
Big Bend	Florida	645	CT4A	138,800	1,915,047,347	0.000072		
Big Bend	Florida	645	CT4B	143,763	1,915,047,347	0.000075		
Brandy Branch	Florida	7846	1	488,291	1,915,047,347	0.000255		
Brandy Branch	Florida	7846	2	6,233,571	1,915,047,347	0.003255		
Brandy Branch	Florida	7846	3	6,903,567	1,915,047,347	0.003605		
C D McIntosh Jr Power Plant	Florida	676	1	509,179	1,915,047,347	0.000266		
C D McIntosh Jr Power Plant	Florida	676	2	1,062,204	1,915,047,347	0.000555		
C D McIntosh Jr Power Plant	Florida	676	3	26,980,075	1,915,047,347	0.014088		
C D McIntosh Jr Power Plant	Florida	676	5	9,842,652	1,915,047,347	0.005140		
Cane Island	Florida	7238	**1	104,095	1,915,047,347	0.000054		
Cane Island	Florida	7238	2	1,962,682	1,915,047,347	0.001025		
Cane Island	Florida	7238	3	9,063,730	1,915,047,347	0.004733		
Cape Canaveral	Florida	609	PCC1	10,103,133	1,915,047,347	0.005276		
Cape Canaveral	Florida	609	PCC2	10,053,897	1,915,047,347	0.005250		
Cedar Bay Generating Co. LP	Florida	10672	CBA	7,548,584	1,915,047,347	0.003942		
Cedar Bay Generating Co. LP	Florida	10672	CBB	7,665,932	1,915,047,347	0.004003		
Cedar Bay Generating Co. LP	Florida	10672	CBC	7,296,059	1,915,047,347	0.003810		
Central Power & Lime	Florida	10333	1	9,007,159	1,915,047,347	0.004703		
Charles Larsen Memorial Power Plant	Florida	675	**8	1,623,008	1,915,047,347	0.000848		
Crist Electric Generating Plant	Florida	641	4	5,382,293	1,915,047,347	0.002811		
Crist Electric Generating Plant	Florida	641	5	5,661,519	1,915,047,347	0.002956		
Crist Electric Generating Plant	Florida	641	6	19,554,453	1,915,047,347	0.010211		
Crist Electric Generating Plant	Florida	641	7	37,687,117	1,915,047,347	0.019679		
Crystal River	Florida	628	1	21,897,545	1,915,047,347	0.011434		
Crystal River	Florida	628	2	27,124,436	1,915,047,347	0.014164		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Big Bend	Florida	645	BB03						
Big Bend	Florida	645	BB04						
Big Bend	Florida	645	CT4A						
Big Bend	Florida	645	CT4B						
Brandy Branch	Florida	7846	1						
Brandy Branch	Florida	7846	2						
Brandy Branch	Florida	7846	3						
C D McIntosh Jr Power Plant	Florida	676	1						
C D McIntosh Jr Power Plant	Florida	676	2						
C D McIntosh Jr Power Plant	Florida	676	3						
C D McIntosh Jr Power Plant	Florida	676	5						
Cane Island	Florida	7238	**1						
Cane Island	Florida	7238	2						
Cane Island	Florida	7238	3						
Cape Canaveral	Florida	609	PCC1						
Cape Canaveral	Florida	609	PCC2						
Cedar Bay Generating Co. LP	Florida	10672	CBA						
Cedar Bay Generating Co. LP	Florida	10672	CBB						
Cedar Bay Generating Co. LP	Florida	10672	CBC						
Central Power & Lime	Florida	10333	1						
Charles Larsen Memorial Power Plant	Florida	675	**8						
Crist Electric Generating Plant	Florida	641	4						
Crist Electric Generating Plant	Florida	641	5						
Crist Electric Generating Plant	Florida	641	6						
Crist Electric Generating Plant	Florida	641	7						
Crystal River	Florida	628	1						
Crystal River	Florida	628	2						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Big Bend	Florida	645	BB03	3,304	2,624	2,674	3,898	1,773	1,080
Big Bend	Florida	645	BB04	3,621	3,550	3,192	4,631	2,414	4,521
Big Bend	Florida	645	CT4A						
Big Bend	Florida	645	CT4B						
Brandy Branch	Florida	7846	1	1	20	0	0	0	0
Brandy Branch	Florida	7846	2	0	62	1	1	2	1
Brandy Branch	Florida	7846	3	0	9	1	1	2	2
C D McIntosh Jr Power Plant	Florida	676	1	2,506	1,252	2,225	357	236	22
C D McIntosh Jr Power Plant	Florida	676	2	281	82	148	7	11	3
C D McIntosh Jr Power Plant	Florida	676	3	7,780	5,521	7,728	5,762	7,223	7,599
C D McIntosh Jr Power Plant	Florida	676	5	3	3	1	2	3	2
Cane Island	Florida	7238	**1	0	0	0	0	0	0
Cane Island	Florida	7238	2	1	1	1	1	1	1
Cane Island	Florida	7238	3	3	3	1	2	3	3
Cape Canaveral	Florida	609	PCC1	7,005	4,887	4,823	1,895	1,897	771
Cape Canaveral	Florida	609	PCC2	7,022	4,762	5,084	2,151	2,399	808
Cedar Bay Generating Co. LP	Florida	10672	CBA						
Cedar Bay Generating Co. LP	Florida	10672	CBB						
Cedar Bay Generating Co. LP	Florida	10672	CBC						
Central Power & Lime	Florida	10333	1						
Charles Larsen Memorial Power Plant	Florida	675	**8	13	11	9	1	0	1
Crist Electric Generating Plant	Florida	641	4	3,099	3,649	3,090	3,194	3,757	2,515
Crist Electric Generating Plant	Florida	641	5	2,946	3,617	2,886	2,958	3,242	2,896
Crist Electric Generating Plant	Florida	641	6	12,387	9,759	10,816	10,204	12,991	10,086
Crist Electric Generating Plant	Florida	641	7	20,438	15,713	12,318	19,258	21,190	22,850
Crystal River	Florida	628	1	20,466	18,332	20,903	19,488	16,739	14,482
Crystal River	Florida	628	2	24,155	23,914	22,700	22,339	19,166	20,703

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Big Bend	Florida	645	BB03	2,035	1,570	3,898			
Big Bend	Florida	645	BB04	4,551	3,843	4,631			
Big Bend	Florida	645	CT4A	0	0	0			
Big Bend	Florida	645	CT4B	0	0	0			
Brandy Branch	Florida	7846	1	0	0	20			
Brandy Branch	Florida	7846	2	2	2	62			
Brandy Branch	Florida	7846	3	2	3	9			
C D McIntosh Jr Power Plant	Florida	676	1	0		2,506			
C D McIntosh Jr Power Plant	Florida	676	2	4	39	281			
C D McIntosh Jr Power Plant	Florida	676	3	3,867	4,198	7,780			
C D McIntosh Jr Power Plant	Florida	676	5	3	3	3			
Cane Island	Florida	7238	**1	0	0	0			
Cane Island	Florida	7238	2	1	0	1			
Cane Island	Florida	7238	3	3	3	3			
Cape Canaveral	Florida	609	PCC1	982	136	7,005			
Cape Canaveral	Florida	609	PCC2	1,069	323	7,022			
Cedar Bay Generating Co. LP	Florida	10672	CBA	514	583	583			
Cedar Bay Generating Co. LP	Florida	10672	CBB	584	629	629			
Cedar Bay Generating Co. LP	Florida	10672	CBC	528	556	556			
Central Power & Lime	Florida	10333	1	3,693	2,197	3,693			
Charles Larsen Memorial Power Plant	Florida	675	**8	0	3	13			
Crist Electric Generating Plant	Florida	641	4	1,696	358	3,757			
Crist Electric Generating Plant	Florida	641	5	2,998	420	3,617			
Crist Electric Generating Plant	Florida	641	6	7,823	1,304	12,991			
Crist Electric Generating Plant	Florida	641	7	16,860	2,366	22,850			
Crystal River	Florida	628	1	15,658	14,874	20,903			
Crystal River	Florida	628	2	17,787	18,176	24,155			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Big Bend	Florida	645	BB03				7,243	6,889	5,568
Big Bend	Florida	645	BB04				5,276	3,462	3,092
Big Bend	Florida	645	CT4A						
Big Bend	Florida	645	CT4B						
Brandy Branch	Florida	7846	1				27	14	12
Brandy Branch	Florida	7846	2				61	300	31
Brandy Branch	Florida	7846	3				22	185	39
C D McIntosh Jr Power Plant	Florida	676	1				433	295	416
C D McIntosh Jr Power Plant	Florida	676	2				143	47	81
C D McIntosh Jr Power Plant	Florida	676	3				6,096	4,411	6,126
C D McIntosh Jr Power Plant	Florida	676	5				133	116	57
Cane Island	Florida	7238	**1				4	2	3
Cane Island	Florida	7238	2				54	73	56
Cane Island	Florida	7238	3				48	41	27
Cape Canaveral	Florida	609	PCC1				5,090	3,541	2,945
Cape Canaveral	Florida	609	PCC2				5,152	3,508	3,314
Cedar Bay Generating Co. LP	Florida	10672	CBA						
Cedar Bay Generating Co. LP	Florida	10672	CBB						
Cedar Bay Generating Co. LP	Florida	10672	CBC						
Central Power & Lime	Florida	10333	1						
Charles Larsen Memorial Power Plant	Florida	675	**8				68	35	42
Crist Electric Generating Plant	Florida	641	4				1,096	1,142	1,054
Crist Electric Generating Plant	Florida	641	5				1,024	1,081	970
Crist Electric Generating Plant	Florida	641	6				5,398	4,315	4,459
Crist Electric Generating Plant	Florida	641	7				9,600	4,963	1,736
Crystal River	Florida	628	1				4,595	3,971	4,687
Crystal River	Florida	628	2				5,725	5,654	5,310

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Big Bend	Florida	645	BB03	6,698	3,838	795	1,557	1,462	7,243
Big Bend	Florida	645	BB04	4,939	1,192	1,073	1,376	1,146	5,276
Big Bend	Florida	645	CT4A				3	9	9
Big Bend	Florida	645	CT4B				3	10	10
Brandy Branch	Florida	7846	1	9	10	6	6	7	27
Brandy Branch	Florida	7846	2	36	37	32	37	30	300
Brandy Branch	Florida	7846	3	32	42	36	41	37	185
C D McIntosh Jr Power Plant	Florida	676	1	119	82	29	0		433
C D McIntosh Jr Power Plant	Florida	676	2	78	71	19	31	46	143
C D McIntosh Jr Power Plant	Florida	676	3	4,955	5,244	4,759	2,729	1,340	6,126
C D McIntosh Jr Power Plant	Florida	676	5	70	97	67	123	134	134
Cane Island	Florida	7238	**1	3	3	4	5	3	5
Cane Island	Florida	7238	2	43	37	27	29	25	73
Cane Island	Florida	7238	3	47	53	51	45	43	53
Cape Canaveral	Florida	609	PCC1	2,475	2,191	1,395	1,933	234	5,090
Cape Canaveral	Florida	609	PCC2	2,373	2,808	1,361	1,717	378	5,152
Cedar Bay Generating Co. LP	Florida	10672	CBA			641	531	606	641
Cedar Bay Generating Co. LP	Florida	10672	CBB			632	567	605	632
Cedar Bay Generating Co. LP	Florida	10672	CBC			626	511	570	626
Central Power & Lime	Florida	10333	1			2,246	1,332	1,133	2,246
Charles Larsen Memorial Power Plant	Florida	675	**8	53	41	31	24	43	68
Crist Electric Generating Plant	Florida	641	4	1,010	1,060	679	495	511	1,142
Crist Electric Generating Plant	Florida	641	5	904	853	780	755	722	1,081
Crist Electric Generating Plant	Florida	641	6	3,097	2,953	1,958	1,454	2,200	5,398
Crist Electric Generating Plant	Florida	641	7	1,727	1,490	1,426	1,265	4,473	9,600
Crystal River	Florida	628	1	4,756	4,055	3,699	3,935	3,509	4,756
Crystal River	Florida	628	2	5,471	4,910	5,540	3,790	3,748	5,725

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Big Bend	Florida	645	BB03						
Big Bend	Florida	645	BB04						
Big Bend	Florida	645	CT4A						
Big Bend	Florida	645	CT4B						
Brandy Branch	Florida	7846	1						
Brandy Branch	Florida	7846	2						
Brandy Branch	Florida	7846	3						
C D McIntosh Jr Power Plant	Florida	676	1						
C D McIntosh Jr Power Plant	Florida	676	2						
C D McIntosh Jr Power Plant	Florida	676	3						
C D McIntosh Jr Power Plant	Florida	676	5						
Cane Island	Florida	7238	**1						
Cane Island	Florida	7238	2						
Cane Island	Florida	7238	3						
Cape Canaveral	Florida	609	PCC1						
Cape Canaveral	Florida	609	PCC2						
Cedar Bay Generating Co. LP	Florida	10672	CBA						
Cedar Bay Generating Co. LP	Florida	10672	CBB						
Cedar Bay Generating Co. LP	Florida	10672	CBC						
Central Power & Lime	Florida	10333	1						
Charles Larsen Memorial Power Plant	Florida	675	**8						
Crist Electric Generating Plant	Florida	641	4						
Crist Electric Generating Plant	Florida	641	5						
Crist Electric Generating Plant	Florida	641	6						
Crist Electric Generating Plant	Florida	641	7						
Crystal River	Florida	628	1						
Crystal River	Florida	628	2						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Big Bend	Florida	645	BB03				
Big Bend	Florida	645	BB04				
Big Bend	Florida	645	CT4A				
Big Bend	Florida	645	CT4B				
Brandy Branch	Florida	7846	1				
Brandy Branch	Florida	7846	2				
Brandy Branch	Florida	7846	3				
C D McIntosh Jr Power Plant	Florida	676	1				
C D McIntosh Jr Power Plant	Florida	676	2				
C D McIntosh Jr Power Plant	Florida	676	3				
C D McIntosh Jr Power Plant	Florida	676	5				
Cane Island	Florida	7238	**1				
Cane Island	Florida	7238	2				
Cane Island	Florida	7238	3				
Cape Canaveral	Florida	609	PCC1				
Cape Canaveral	Florida	609	PCC2				
Cedar Bay Generating Co. LP	Florida	10672	CBA				
Cedar Bay Generating Co. LP	Florida	10672	CBB				
Cedar Bay Generating Co. LP	Florida	10672	CBC				
Central Power & Lime	Florida	10333	1				
Charles Larsen Memorial Power Plant	Florida	675	**8				
Crist Electric Generating Plant	Florida	641	4				
Crist Electric Generating Plant	Florida	641	5				
Crist Electric Generating Plant	Florida	641	6				
Crist Electric Generating Plant	Florida	641	7				
Crystal River	Florida	628	1				
Crystal River	Florida	628	2				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Big Bend	Florida	645	BB03				
Big Bend	Florida	645	BB04				
Big Bend	Florida	645	CT4A				
Big Bend	Florida	645	CT4B				
Brandy Branch	Florida	7846	1				
Brandy Branch	Florida	7846	2				
Brandy Branch	Florida	7846	3				
C D McIntosh Jr Power Plant	Florida	676	1				
C D McIntosh Jr Power Plant	Florida	676	2				
C D McIntosh Jr Power Plant	Florida	676	3				
C D McIntosh Jr Power Plant	Florida	676	5				
Cane Island	Florida	7238	**1				
Cane Island	Florida	7238	2				
Cane Island	Florida	7238	3				
Cape Canaveral	Florida	609	PCC1				
Cape Canaveral	Florida	609	PCC2				
Cedar Bay Generating Co. LP	Florida	10672	CBA				
Cedar Bay Generating Co. LP	Florida	10672	CBB				
Cedar Bay Generating Co. LP	Florida	10672	CBC				
Central Power & Lime	Florida	10333	1				
Charles Larsen Memorial Power Plant	Florida	675	**8				
Crist Electric Generating Plant	Florida	641	4				
Crist Electric Generating Plant	Florida	641	5				
Crist Electric Generating Plant	Florida	641	6				
Crist Electric Generating Plant	Florida	641	7				
Crystal River	Florida	628	1				
Crystal River	Florida	628	2				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Big Bend	Florida	645	BB03				
Big Bend	Florida	645	BB04				
Big Bend	Florida	645	CT4A				
Big Bend	Florida	645	CT4B				
Brandy Branch	Florida	7846	1				
Brandy Branch	Florida	7846	2				
Brandy Branch	Florida	7846	3				
C D McIntosh Jr Power Plant	Florida	676	1				
C D McIntosh Jr Power Plant	Florida	676	2				
C D McIntosh Jr Power Plant	Florida	676	3				
C D McIntosh Jr Power Plant	Florida	676	5				
Cane Island	Florida	7238	**1				
Cane Island	Florida	7238	2				
Cane Island	Florida	7238	3				
Cape Canaveral	Florida	609	PCC1				
Cape Canaveral	Florida	609	PCC2				
Cedar Bay Generating Co. LP	Florida	10672	CBA				
Cedar Bay Generating Co. LP	Florida	10672	CBB				
Cedar Bay Generating Co. LP	Florida	10672	CBC				
Central Power & Lime	Florida	10333	1				
Charles Larsen Memorial Power Plant	Florida	675	**8				
Crist Electric Generating Plant	Florida	641	4				
Crist Electric Generating Plant	Florida	641	5				
Crist Electric Generating Plant	Florida	641	6				
Crist Electric Generating Plant	Florida	641	7				
Crystal River	Florida	628	1				
Crystal River	Florida	628	2				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Big Bend	Florida	645	BB03	11,498,741	8,842,814	10,489,303	12,344,361	15,317,674	13,053,592
Big Bend	Florida	645	BB04	15,952,975	12,167,844	12,812,659	15,682,718	9,719,489	14,816,117
Big Bend	Florida	645	CT4A				24,044	147,751	85,897
Big Bend	Florida	645	CT4B				24,099	155,024	89,562
Brandy Branch	Florida	7846	1	269,099	334,683	119,212	188,490	193,563	265,782
Brandy Branch	Florida	7846	2	3,373,182	2,936,365	2,480,633	2,581,022	3,494,856	3,268,134
Brandy Branch	Florida	7846	3	2,967,805	3,272,765	2,912,984	3,130,335	3,643,609	3,348,903
C D McIntosh Jr Power Plant	Florida	676	1	424,610	336,442	156,914			305,989
C D McIntosh Jr Power Plant	Florida	676	2	866,609	675,444	187,172	253,788	403,752	648,602
C D McIntosh Jr Power Plant	Florida	676	3	8,401,421	11,342,778	13,683,490	7,780,732	6,992,401	11,142,563
C D McIntosh Jr Power Plant	Florida	676	5	3,820,950	4,685,815	3,136,887	6,014,579	6,355,239	5,685,211
Cane Island	Florida	7238	**1	15,393	30,949	47,765	73,434	59,104	60,101
Cane Island	Florida	7238	2	1,381,032	1,193,696	791,524	1,078,273	1,093,863	1,222,864
Cane Island	Florida	7238	3	4,275,042	4,074,417	4,244,956	4,770,929	4,892,197	4,646,056
Cape Canaveral	Florida	609	PCC1	6,726,164	5,274,811	4,609,312	5,643,968		5,881,648
Cape Canaveral	Florida	609	PCC2	6,275,113	5,891,345	3,770,568	5,330,529		5,832,329
Cedar Bay Generating Co. LP	Florida	10672	CBA			3,792,926	3,345,522	3,810,565	3,649,671
Cedar Bay Generating Co. LP	Florida	10672	CBB			4,047,348	3,543,121	3,650,362	3,746,944
Cedar Bay Generating Co. LP	Florida	10672	CBC			3,731,754	3,142,309	3,552,899	3,475,654
Central Power & Lime	Florida	10333	1			5,150,091	4,200,243	4,220,262	4,523,532
Charles Larsen Memorial Power Plant	Florida	675	**8	1,164,940	938,017	494,525	620,494	990,857	1,031,271
Crist Electric Generating Plant	Florida	641	4	2,990,763	2,845,187	2,462,866	375,779	1,954,366	2,766,272
Crist Electric Generating Plant	Florida	641	5	2,647,963	2,423,182	2,363,114	1,957,663	2,767,522	2,612,889
Crist Electric Generating Plant	Florida	641	6	9,858,052	9,340,404	8,436,597	4,137,491	9,093,187	9,430,547
Crist Electric Generating Plant	Florida	641	7	16,407,169	16,480,461	15,678,448	13,976,041	16,942,434	16,610,021
Crystal River	Florida	628	1	9,964,117	10,172,329	8,476,713	8,472,555	8,420,031	9,537,720
Crystal River	Florida	628	2	12,247,926	10,366,944	12,667,054	9,854,292	10,891,732	11,935,571

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Big Bend	Florida	645	BB03	955,294,478	0.013664	28,071	27,268	384	373
Big Bend	Florida	645	BB04	955,294,478	0.015509	28,071	27,268	435	423
Big Bend	Florida	645	CT4A	955,294,478	0.000090	28,071	27,268	3	2
Big Bend	Florida	645	CT4B	955,294,478	0.000094	28,071	27,268	3	3
Brandy Branch	Florida	7846	1	955,294,478	0.000278	28,071	27,268	8	8
Brandy Branch	Florida	7846	2	955,294,478	0.003421	28,071	27,268	96	93
Brandy Branch	Florida	7846	3	955,294,478	0.003506	28,071	27,268	98	96
C D McIntosh Jr Power Plant	Florida	676	1	955,294,478	0.000320	28,071	27,268	9	9
C D McIntosh Jr Power Plant	Florida	676	2	955,294,478	0.000679	28,071	27,268	19	19
C D McIntosh Jr Power Plant	Florida	676	3	955,294,478	0.011664	28,071	27,268	327	318
C D McIntosh Jr Power Plant	Florida	676	5	955,294,478	0.005951	28,071	27,268	167	162
Cane Island	Florida	7238	**1	955,294,478	0.000063	28,071	27,268	2	2
Cane Island	Florida	7238	2	955,294,478	0.001280	28,071	27,268	36	35
Cane Island	Florida	7238	3	955,294,478	0.004863	28,071	27,268	137	133
Cape Canaveral	Florida	609	PCC1	955,294,478	0.006157	28,071	27,268	173	168
Cape Canaveral	Florida	609	PCC2	955,294,478	0.006105	28,071	27,268	171	166
Cedar Bay Generating Co. LP	Florida	10672	CBA	955,294,478	0.003820	28,071	27,268	107	104
Cedar Bay Generating Co. LP	Florida	10672	CBB	955,294,478	0.003922	28,071	27,268	110	107
Cedar Bay Generating Co. LP	Florida	10672	CBC	955,294,478	0.003638	28,071	27,268	102	99
Central Power & Lime	Florida	10333	1	955,294,478	0.004735	28,071	27,268	133	129
Charles Larsen Memorial Power Plant	Florida	675	**8	955,294,478	0.001080	28,071	27,268	30	29
Crist Electric Generating Plant	Florida	641	4	955,294,478	0.002896	28,071	27,268	81	79
Crist Electric Generating Plant	Florida	641	5	955,294,478	0.002735	28,071	27,268	77	75
Crist Electric Generating Plant	Florida	641	6	955,294,478	0.009872	28,071	27,268	277	269
Crist Electric Generating Plant	Florida	641	7	955,294,478	0.017387	28,071	27,268	488	474
Crystal River	Florida	628	1	955,294,478	0.009984	28,071	27,268	280	272
Crystal River	Florida	628	2	955,294,478	0.012494	28,071	27,268	351	341

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Big Bend	Florida	645	BB03	2,871	3,148	2,810	2,584	1,752	483
Big Bend	Florida	645	BB04	2,515	1,369	1,428	2,407	521	495
Big Bend	Florida	645	CT4A						
Big Bend	Florida	645	CT4B						
Brandy Branch	Florida	7846	1	11	9	7	5	6	2
Brandy Branch	Florida	7846	2	49	28	15	21	19	18
Brandy Branch	Florida	7846	3	18	23	13	19	21	18
C D McIntosh Jr Power Plant	Florida	676	1	284	209	223	70	47	27
C D McIntosh Jr Power Plant	Florida	676	2	112	35	62	56	36	12
C D McIntosh Jr Power Plant	Florida	676	3	2,396	2,079	2,841	1,870	2,064	2,074
C D McIntosh Jr Power Plant	Florida	676	5	74	57	27	44	54	38
Cane Island	Florida	7238	**1	4	1	2	1	1	2
Cane Island	Florida	7238	2	26	35	24	29	21	11
Cane Island	Florida	7238	3	27	20	2	25	27	26
Cape Canaveral	Florida	609	PCC1	2,852	2,156	1,660	1,545	1,140	982
Cape Canaveral	Florida	609	PCC2	2,844	2,191	1,979	1,437	1,382	803
Cedar Bay Generating Co. LP	Florida	10672	CBA						294
Cedar Bay Generating Co. LP	Florida	10672	CBB						309
Cedar Bay Generating Co. LP	Florida	10672	CBC						290
Central Power & Lime	Florida	10333	1						1,201
Charles Larsen Memorial Power Plant	Florida	675	**8	43	21	27	33	27	16
Crist Electric Generating Plant	Florida	641	4	475	475	485	440	439	448
Crist Electric Generating Plant	Florida	641	5	450	440	480	379	355	391
Crist Electric Generating Plant	Florida	641	6	2,261	1,968	2,319	1,388	1,221	1,081
Crist Electric Generating Plant	Florida	641	7	3,957	2,189	634	753	685	647
Crystal River	Florida	628	1	1,939	1,811	1,803	2,052	1,992	1,595
Crystal River	Florida	628	2	2,447	2,515	2,201	2,631	2,150	2,399

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns BX - CE			
Big Bend	Florida	645	BB03	692	755	3,148			
Big Bend	Florida	645	BB04	689	360	2,515			
Big Bend	Florida	645	CT4A	1	6	6			
Big Bend	Florida	645	CT4B	1	7	7			
Brandy Branch	Florida	7846	1	3	4	11			
Brandy Branch	Florida	7846	2	19	17	49			
Brandy Branch	Florida	7846	3	20	21	23			
C D McIntosh Jr Power Plant	Florida	676	1			284			
C D McIntosh Jr Power Plant	Florida	676	2	17	27	112			
C D McIntosh Jr Power Plant	Florida	676	3	1,179	433	2,841			
C D McIntosh Jr Power Plant	Florida	676	5	73	76	76			
Cane Island	Florida	7238	**1	3	2	4			
Cane Island	Florida	7238	2	17	17	35			
Cane Island	Florida	7238	3	24	20	27			
Cape Canaveral	Florida	609	PCC1	1,226		2,852			
Cape Canaveral	Florida	609	PCC2	1,147		2,844			
Cedar Bay Generating Co. LP	Florida	10672	CBA	243	307	307			
Cedar Bay Generating Co. LP	Florida	10672	CBB	258	298	309			
Cedar Bay Generating Co. LP	Florida	10672	CBC	228	291	291			
Central Power & Lime	Florida	10333	1	580	610	1,201			
Charles Larsen Memorial Power Plant	Florida	675	**8	14	25	43			
Crist Electric Generating Plant	Florida	641	4	74	181	485			
Crist Electric Generating Plant	Florida	641	5	345	249	480			
Crist Electric Generating Plant	Florida	641	6	545	841	2,319			
Crist Electric Generating Plant	Florida	641	7	613	1,498	3,957			
Crystal River	Florida	628	1	1,655	1,583	2,052			
Crystal River	Florida	628	2	1,552	1,821	2,631			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Big Bend	Florida	645	BB03				542	542
Big Bend	Florida	645	BB04				615	615
Big Bend	Florida	645	CT4A				4	4
Big Bend	Florida	645	CT4B				4	4
Brandy Branch	Florida	7846	1				11	11
Brandy Branch	Florida	7846	2				49	49
Brandy Branch	Florida	7846	3				23	23
C D McIntosh Jr Power Plant	Florida	676	1				13	13
C D McIntosh Jr Power Plant	Florida	676	2				27	27
C D McIntosh Jr Power Plant	Florida	676	3				463	463
C D McIntosh Jr Power Plant	Florida	676	5				76	76
Cane Island	Florida	7238	**1				2	2
Cane Island	Florida	7238	2				35	35
Cane Island	Florida	7238	3				27	27
Cape Canaveral	Florida	609	PCC1				244	244
Cape Canaveral	Florida	609	PCC2				242	242
Cedar Bay Generating Co. LP	Florida	10672	CBA				152	152
Cedar Bay Generating Co. LP	Florida	10672	CBB				156	156
Cedar Bay Generating Co. LP	Florida	10672	CBC				144	144
Central Power & Lime	Florida	10333	1				188	188
Charles Larsen Memorial Power Plant	Florida	675	**8				43	43
Crist Electric Generating Plant	Florida	641	4				115	115
Crist Electric Generating Plant	Florida	641	5				108	108
Crist Electric Generating Plant	Florida	641	6				392	392
Crist Electric Generating Plant	Florida	641	7				690	690
Crystal River	Florida	628	1				396	396
Crystal River	Florida	628	2				496	496

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Big Bend	Florida	645	BB03					
Big Bend	Florida	645	BB04					
Big Bend	Florida	645	CT4A					
Big Bend	Florida	645	CT4B					
Brandy Branch	Florida	7846	1					
Brandy Branch	Florida	7846	2					
Brandy Branch	Florida	7846	3					
C D McIntosh Jr Power Plant	Florida	676	1					
C D McIntosh Jr Power Plant	Florida	676	2					
C D McIntosh Jr Power Plant	Florida	676	3					
C D McIntosh Jr Power Plant	Florida	676	5					
Cane Island	Florida	7238	**1					
Cane Island	Florida	7238	2					
Cane Island	Florida	7238	3					
Cape Canaveral	Florida	609	PCC1					
Cape Canaveral	Florida	609	PCC2					
Cedar Bay Generating Co. LP	Florida	10672	CBA					
Cedar Bay Generating Co. LP	Florida	10672	CBB					
Cedar Bay Generating Co. LP	Florida	10672	CBC					
Central Power & Lime	Florida	10333	1					
Charles Larsen Memorial Power Plant	Florida	675	**8					
Crist Electric Generating Plant	Florida	641	4					
Crist Electric Generating Plant	Florida	641	5					
Crist Electric Generating Plant	Florida	641	6					
Crist Electric Generating Plant	Florida	641	7					
Crystal River	Florida	628	1					
Crystal River	Florida	628	2					

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Big Bend	Florida	645	BB03			Y		
Big Bend	Florida	645	BB04			Y		
Big Bend	Florida	645	CT4A			Y		
Big Bend	Florida	645	CT4B			Y		
Brandy Branch	Florida	7846	1			Y		
Brandy Branch	Florida	7846	2			Y		
Brandy Branch	Florida	7846	3			Y		
C D McIntosh Jr Power Plant	Florida	676	1			Y		
C D McIntosh Jr Power Plant	Florida	676	2			Y		
C D McIntosh Jr Power Plant	Florida	676	3			Y		
C D McIntosh Jr Power Plant	Florida	676	5			Y		
Cane Island	Florida	7238	**1			Y		
Cane Island	Florida	7238	2			Y		
Cane Island	Florida	7238	3			Y		
Cape Canaveral	Florida	609	PCC1			Y		
Cape Canaveral	Florida	609	PCC2			Y		
Cedar Bay Generating Co. LP	Florida	10672	CBA			Y		
Cedar Bay Generating Co. LP	Florida	10672	CBB			Y		
Cedar Bay Generating Co. LP	Florida	10672	CBC			Y		
Central Power & Lime	Florida	10333	1			Y		
Charles Larsen Memorial Power Plant	Florida	675	**8			Y		
Crist Electric Generating Plant	Florida	641	4			Y		
Crist Electric Generating Plant	Florida	641	5			Y		
Crist Electric Generating Plant	Florida	641	6			Y		
Crist Electric Generating Plant	Florida	641	7			Y		
Crystal River	Florida	628	1			Y		
Crystal River	Florida	628	2			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Crystal River	Florida	628	4	442	55,507,624	57,387,310	46,424,769	42,114,153	35,157,340
Crystal River	Florida	628	5	443	49,489,095	52,348,335	52,572,162	30,288,500	52,204,817
Curtis H. Stanton Energy Center	Florida	564	1	368	31,233,371	32,228,342	31,281,184	33,123,155	27,969,244
Curtis H. Stanton Energy Center	Florida	564	2	369	34,820,403	31,456,921	29,043,726	29,156,501	30,884,857
Curtis H. Stanton Energy Center	Florida	564	CCB	90549				149,205	8,125,940
Cutler	Florida	610	PCU5	401	189,166	241,030	14,817		
Cutler	Florida	610	PCU6	402	993,151	1,270,842	427,070		
Debary	Florida	6046	**10	2718	187,294	178,737	114,439	96,550	257,878
Debary	Florida	6046	**7	2719	770,888	585,134	573,888	698,796	762,015
Debary	Florida	6046	**8	2720	875,165	613,750	595,074	670,159	852,421
Debary	Florida	6046	**9	2721	811,543	529,679	546,279	503,507	868,420
Debary	Florida	6046	P1	89892			32,644	53,666	163,460
Debary	Florida	6046	P2	89893			33,797	56,654	121,304
Debary	Florida	6046	P3	89894			30,746	43,041	159,278
Debary	Florida	6046	P4	89895			29,793	44,513	138,834
Debary	Florida	6046	P5	89896			24,100	46,892	135,611
Debary	Florida	6046	P6	89897			21,756	48,582	102,320
Deerhaven	Florida	663	B1	486	2,184,611	2,250,203	1,790,789	1,681,212	1,172,777
Deerhaven	Florida	663	B2	487	15,710,352	15,338,413	14,693,558	14,576,952	14,963,089
Deerhaven	Florida	663	CT3	488	671,464	551,877	276,564	162,054	353,055
Desoto County Energy Park	Florida	55422	CT1	4723	685,794	119,469	13,116	62,318	32,299
Desoto County Energy Park	Florida	55422	CT2	4724	645,285	136,323	7,634	27,590	89,867
Fort Myers	Florida	612	FMCT2A	403	11,638,087	11,135,209	11,153,238	10,801,066	10,177,033
Fort Myers	Florida	612	FMCT2B	404	11,312,869	10,609,553	11,776,458	11,172,182	10,208,181
Fort Myers	Florida	612	FMCT2C	405	11,562,173	11,509,121	10,111,382	10,404,659	10,276,763
Fort Myers	Florida	612	FMCT2D	406	11,348,231	11,004,368	11,724,619	10,809,655	10,284,260
Fort Myers	Florida	612	FMCT2E	407	11,983,373	11,332,420	9,166,503	10,928,937	11,203,361

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Crystal River	Florida	628	4	53,106,568	1,915,047,347	0.027731		
Crystal River	Florida	628	5	52,375,105	1,915,047,347	0.027349		
Curtis H. Stanton Energy Center	Florida	564	1	32,210,894	1,915,047,347	0.016820		
Curtis H. Stanton Energy Center	Florida	564	2	32,387,394	1,915,047,347	0.016912		
Curtis H. Stanton Energy Center	Florida	564	CCB	4,137,573	1,915,047,347	0.002161		
Cutler	Florida	610	PCU5	148,337	1,915,047,347	0.000077		
Cutler	Florida	610	PCU6	897,021	1,915,047,347	0.000468		
Debary	Florida	6046	**10	207,969	1,915,047,347	0.000109		
Debary	Florida	6046	**7	743,900	1,915,047,347	0.000388		
Debary	Florida	6046	**8	799,248	1,915,047,347	0.000417		
Debary	Florida	6046	**9	742,081	1,915,047,347	0.000388		
Debary	Florida	6046	P1	83,257	1,915,047,347	0.000043		
Debary	Florida	6046	P2	70,585	1,915,047,347	0.000037		
Debary	Florida	6046	P3	77,688	1,915,047,347	0.000041		
Debary	Florida	6046	P4	71,046	1,915,047,347	0.000037		
Debary	Florida	6046	P5	68,867	1,915,047,347	0.000036		
Debary	Florida	6046	P6	57,553	1,915,047,347	0.000030		
Deerhaven	Florida	663	B1	2,075,201	1,915,047,347	0.001084		
Deerhaven	Florida	663	B2	15,337,285	1,915,047,347	0.008009		
Deerhaven	Florida	663	CT3	525,465	1,915,047,347	0.000274		
Desoto County Energy Park	Florida	55422	CT1	289,194	1,915,047,347	0.000151		
Desoto County Energy Park	Florida	55422	CT2	290,492	1,915,047,347	0.000152		
Fort Myers	Florida	612	FMCT2A	11,308,845	1,915,047,347	0.005905		
Fort Myers	Florida	612	FMCT2B	11,420,503	1,915,047,347	0.005964		
Fort Myers	Florida	612	FMCT2C	11,158,651	1,915,047,347	0.005827		
Fort Myers	Florida	612	FMCT2D	11,359,073	1,915,047,347	0.005931		
Fort Myers	Florida	612	FMCT2E	11,506,384	1,915,047,347	0.006008		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Crystal River	Florida	628	4						
Crystal River	Florida	628	5						
Curtis H. Stanton Energy Center	Florida	564	1						
Curtis H. Stanton Energy Center	Florida	564	2						
Curtis H. Stanton Energy Center	Florida	564	CCB						
Cutler	Florida	610	PCU5						
Cutler	Florida	610	PCU6						
Debary	Florida	6046	**10						
Debary	Florida	6046	**7						
Debary	Florida	6046	**8						
Debary	Florida	6046	**9						
Debary	Florida	6046	P1						
Debary	Florida	6046	P2						
Debary	Florida	6046	P3						
Debary	Florida	6046	P4						
Debary	Florida	6046	P5						
Debary	Florida	6046	P6						
Deerhaven	Florida	663	B1						
Deerhaven	Florida	663	B2						
Deerhaven	Florida	663	CT3						
Desoto County Energy Park	Florida	55422	CT1						
Desoto County Energy Park	Florida	55422	CT2						
Fort Myers	Florida	612	FMCT2A						
Fort Myers	Florida	612	FMCT2B						
Fort Myers	Florida	612	FMCT2C						
Fort Myers	Florida	612	FMCT2D						
Fort Myers	Florida	612	FMCT2E						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Crystal River	Florida	628	4	29,719	26,325	29,228	28,766	29,764	23,805
Crystal River	Florida	628	5	27,344	25,501	29,823	24,954	26,651	26,620
Curtis H. Stanton Energy Center	Florida	564	1	4,833	4,274	6,059	5,486	4,611	4,051
Curtis H. Stanton Energy Center	Florida	564	2	2,305	2,501	2,779	2,639	1,857	2,172
Curtis H. Stanton Energy Center	Florida	564	CCB						
Cutler	Florida	610	PCU5	0	0	0	0	0	0
Cutler	Florida	610	PCU6	1	1	0	0	0	0
Debary	Florida	6046	**10	60	63	52	24	28	12
Debary	Florida	6046	**7	9	11	14	5	8	2
Debary	Florida	6046	**8	6	9	15	5	8	2
Debary	Florida	6046	**9	6	11	15	7	7	1
Debary	Florida	6046	P1						
Debary	Florida	6046	P2						
Debary	Florida	6046	P3						
Debary	Florida	6046	P4						
Debary	Florida	6046	P5						
Debary	Florida	6046	P6						
Deerhaven	Florida	663	B1	633	761	360	161	111	47
Deerhaven	Florida	663	B2	7,679	6,952	8,043	8,119	7,837	7,574
Deerhaven	Florida	663	CT3	0	0	0	0	0	0
Desoto County Energy Park	Florida	55422	CT1	10	2	3	0	0	0
Desoto County Energy Park	Florida	55422	CT2	8	7	2	0	1	4
Fort Myers	Florida	612	FMCT2A	4	3	3	3	3	3
Fort Myers	Florida	612	FMCT2B	4	3	3	3	3	4
Fort Myers	Florida	612	FMCT2C	4	3	3	3	3	3
Fort Myers	Florida	612	FMCT2D	4	3	3	3	3	4
Fort Myers	Florida	612	FMCT2E	4	3	3	4	3	3

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
Crystal River	Florida	628	4	21,165	4,767	29,764				
Crystal River	Florida	628	5	12,808	1,660	29,823				
Curtis H. Stanton Energy Center	Florida	564	1	2,590	2,406	6,059				
Curtis H. Stanton Energy Center	Florida	564	2	2,007	2,082	2,779				
Curtis H. Stanton Energy Center	Florida	564	CCB	0	2	2				
Cutler	Florida	610	PCU5			0				
Cutler	Florida	610	PCU6			1				
Debary	Florida	6046	**10	9	14	63				
Debary	Florida	6046	**7	3	12	14				
Debary	Florida	6046	**8	5	12	15				
Debary	Florida	6046	**9	4	11	15				
Debary	Florida	6046	P1	5	9	9				
Debary	Florida	6046	P2	5	7	7				
Debary	Florida	6046	P3	4	8	8				
Debary	Florida	6046	P4	4	7	7				
Debary	Florida	6046	P5	4	7	7				
Debary	Florida	6046	P6	4	5	5				
Deerhaven	Florida	663	B1	34	20	761				
Deerhaven	Florida	663	B2	5,782	3,161	8,119				
Deerhaven	Florida	663	CT3	0	0	0				
Desoto County Energy Park	Florida	55422	CT1	1	0	10				
Desoto County Energy Park	Florida	55422	CT2	1	1	8				
Fort Myers	Florida	612	FMCT2A	3	3	4				
Fort Myers	Florida	612	FMCT2B	3	3	4				
Fort Myers	Florida	612	FMCT2C	3	3	4				
Fort Myers	Florida	612	FMCT2D	3	3	4				
Fort Myers	Florida	612	FMCT2E	3	3	4				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Crystal River	Florida	628	4				14,736	13,168	13,973
Crystal River	Florida	628	5				13,735	12,364	14,785
Curtis H. Stanton Energy Center	Florida	564	1				6,375	5,860	7,533
Curtis H. Stanton Energy Center	Florida	564	2				2,520	2,566	2,692
Curtis H. Stanton Energy Center	Florida	564	CCB						
Cutler	Florida	610	PCU5				54	30	35
Cutler	Florida	610	PCU6				153	86	59
Debary	Florida	6046	**10				33	29	31
Debary	Florida	6046	**7				70	54	48
Debary	Florida	6046	**8				69	66	44
Debary	Florida	6046	**9				52	57	51
Debary	Florida	6046	P1						
Debary	Florida	6046	P2						
Debary	Florida	6046	P3						
Debary	Florida	6046	P4						
Debary	Florida	6046	P5						
Debary	Florida	6046	P6						
Deerhaven	Florida	663	B1				319	278	203
Deerhaven	Florida	663	B2				3,666	3,323	3,932
Deerhaven	Florida	663	CT3				5	5	6
Desoto County Energy Park	Florida	55422	CT1				53	21	25
Desoto County Energy Park	Florida	55422	CT2				49	36	23
Fort Myers	Florida	612	FMCT2A				177	159	142
Fort Myers	Florida	612	FMCT2B				169	158	161
Fort Myers	Florida	612	FMCT2C				158	149	148
Fort Myers	Florida	612	FMCT2D				162	130	140
Fort Myers	Florida	612	FMCT2E				164	146	163

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Crystal River	Florida	628	4	13,676	14,431	11,547	8,108	2,324	14,736
Crystal River	Florida	628	5	11,509	12,554	12,233	2,715	1,141	14,785
Curtis H. Stanton Energy Center	Florida	564	1	6,220	6,169	6,022	5,030	4,107	7,533
Curtis H. Stanton Energy Center	Florida	564	2	2,861	2,593	2,377	2,372	2,417	2,861
Curtis H. Stanton Energy Center	Florida	564	CCB				2	23	23
Cutler	Florida	610	PCU5	8	12	1			54
Cutler	Florida	610	PCU6	44	64	13			153
Debary	Florida	6046	**10	14	13	8	7	17	33
Debary	Florida	6046	**7	29	25	21	27	35	70
Debary	Florida	6046	**8	36	25	24	29	39	69
Debary	Florida	6046	**9	30	21	21	21	36	57
Debary	Florida	6046	P1			8	13	51	51
Debary	Florida	6046	P2			7	13	38	38
Debary	Florida	6046	P3			7	10	50	50
Debary	Florida	6046	P4			7	10	37	37
Debary	Florida	6046	P5			5	11	43	43
Debary	Florida	6046	P6			4	11	28	28
Deerhaven	Florida	663	B1	243	242	165	139	88	319
Deerhaven	Florida	663	B2	3,817	3,625	3,363	1,301	475	3,932
Deerhaven	Florida	663	CT3	12	9	7	5	8	12
Desoto County Energy Park	Florida	55422	CT1	11	2	0	4	2	53
Desoto County Energy Park	Florida	55422	CT2	11	4	1	2	6	49
Fort Myers	Florida	612	FMCT2A	157	152	167	160	150	177
Fort Myers	Florida	612	FMCT2B	167	146	166	154	152	169
Fort Myers	Florida	612	FMCT2C	160	161	144	149	149	161
Fort Myers	Florida	612	FMCT2D	164	158	155	145	138	164
Fort Myers	Florida	612	FMCT2E	158	157	129	155	149	164

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Crystal River	Florida	628	4						
Crystal River	Florida	628	5						
Curtis H. Stanton Energy Center	Florida	564	1						
Curtis H. Stanton Energy Center	Florida	564	2						
Curtis H. Stanton Energy Center	Florida	564	CCB						
Cutler	Florida	610	PCU5						
Cutler	Florida	610	PCU6						
Debary	Florida	6046	**10						
Debary	Florida	6046	**7						
Debary	Florida	6046	**8						
Debary	Florida	6046	**9						
Debary	Florida	6046	P1						
Debary	Florida	6046	P2						
Debary	Florida	6046	P3						
Debary	Florida	6046	P4						
Debary	Florida	6046	P5						
Debary	Florida	6046	P6						
Deerhaven	Florida	663	B1						
Deerhaven	Florida	663	B2						
Deerhaven	Florida	663	CT3						
Desoto County Energy Park	Florida	55422	CT1						
Desoto County Energy Park	Florida	55422	CT2						
Fort Myers	Florida	612	FMCT2A						
Fort Myers	Florida	612	FMCT2B						
Fort Myers	Florida	612	FMCT2C						
Fort Myers	Florida	612	FMCT2D						
Fort Myers	Florida	612	FMCT2E						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Crystal River	Florida	628	4				
Crystal River	Florida	628	5				
Curtis H. Stanton Energy Center	Florida	564	1				
Curtis H. Stanton Energy Center	Florida	564	2				
Curtis H. Stanton Energy Center	Florida	564	CCB				
Cutler	Florida	610	PCU5				
Cutler	Florida	610	PCU6				
Debary	Florida	6046	**10				
Debary	Florida	6046	**7				
Debary	Florida	6046	**8				
Debary	Florida	6046	**9				
Debary	Florida	6046	P1				
Debary	Florida	6046	P2				
Debary	Florida	6046	P3				
Debary	Florida	6046	P4				
Debary	Florida	6046	P5				
Debary	Florida	6046	P6				
Deerhaven	Florida	663	B1				
Deerhaven	Florida	663	B2				
Deerhaven	Florida	663	CT3				
Desoto County Energy Park	Florida	55422	CT1				
Desoto County Energy Park	Florida	55422	CT2				
Fort Myers	Florida	612	FMCT2A				
Fort Myers	Florida	612	FMCT2B				
Fort Myers	Florida	612	FMCT2C				
Fort Myers	Florida	612	FMCT2D				
Fort Myers	Florida	612	FMCT2E				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Crystal River	Florida	628	4				
Crystal River	Florida	628	5				
Curtis H. Stanton Energy Center	Florida	564	1				
Curtis H. Stanton Energy Center	Florida	564	2				
Curtis H. Stanton Energy Center	Florida	564	CCB				
Cutler	Florida	610	PCU5				
Cutler	Florida	610	PCU6				
Debary	Florida	6046	**10				
Debary	Florida	6046	**7				
Debary	Florida	6046	**8				
Debary	Florida	6046	**9				
Debary	Florida	6046	P1				
Debary	Florida	6046	P2				
Debary	Florida	6046	P3				
Debary	Florida	6046	P4				
Debary	Florida	6046	P5				
Debary	Florida	6046	P6				
Deerhaven	Florida	663	B1				
Deerhaven	Florida	663	B2				
Deerhaven	Florida	663	CT3				
Desoto County Energy Park	Florida	55422	CT1				
Desoto County Energy Park	Florida	55422	CT2				
Fort Myers	Florida	612	FMCT2A				
Fort Myers	Florida	612	FMCT2B				
Fort Myers	Florida	612	FMCT2C				
Fort Myers	Florida	612	FMCT2D				
Fort Myers	Florida	612	FMCT2E				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Crystal River	Florida	628	4				
Crystal River	Florida	628	5				
Curtis H. Stanton Energy Center	Florida	564	1				
Curtis H. Stanton Energy Center	Florida	564	2				
Curtis H. Stanton Energy Center	Florida	564	CCB				
Cutler	Florida	610	PCU5				
Cutler	Florida	610	PCU6				
Debary	Florida	6046	**10				
Debary	Florida	6046	**7				
Debary	Florida	6046	**8				
Debary	Florida	6046	**9				
Debary	Florida	6046	P1				
Debary	Florida	6046	P2				
Debary	Florida	6046	P3				
Debary	Florida	6046	P4				
Debary	Florida	6046	P5				
Debary	Florida	6046	P6				
Deerhaven	Florida	663	B1				
Deerhaven	Florida	663	B2				
Deerhaven	Florida	663	CT3				
Desoto County Energy Park	Florida	55422	CT1				
Desoto County Energy Park	Florida	55422	CT2				
Fort Myers	Florida	612	FMCT2A				
Fort Myers	Florida	612	FMCT2B				
Fort Myers	Florida	612	FMCT2C				
Fort Myers	Florida	612	FMCT2D				
Fort Myers	Florida	612	FMCT2E				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Crystal River	Florida	628	4	24,093,687	25,346,730	23,225,263	18,028,212	16,004,475	24,221,893
Crystal River	Florida	628	5	23,184,643	23,611,255	21,263,663	14,477,152	21,988,415	22,928,104
Curtis H. Stanton Energy Center	Florida	564	1	15,180,285	15,946,112	15,256,941	13,269,049	13,890,905	15,461,112
Curtis H. Stanton Energy Center	Florida	564	2	15,413,596	15,797,129	13,322,176	13,468,055	14,243,062	15,151,262
Curtis H. Stanton Energy Center	Florida	564	CCB					4,337,834	4,337,834
Cutler	Florida	610	PCU5	103,371	80,169	14,817			66,119
Cutler	Florida	610	PCU6	638,600	847,101	191,399			559,034
Debary	Florida	6046	**10	143,377	137,483	81,151	68,280	126,602	135,821
Debary	Florida	6046	**7	437,533	390,886	397,540	477,675	451,740	455,649
Debary	Florida	6046	**8	466,387	412,454	394,686	463,906	520,380	483,557
Debary	Florida	6046	**9	431,279	352,483	350,130	412,416	551,265	464,987
Debary	Florida	6046	P1			24,332	32,217	53,811	36,787
Debary	Florida	6046	P2			24,045	32,795	32,884	29,908
Debary	Florida	6046	P3			20,745	28,807	54,786	34,780
Debary	Florida	6046	P4			22,562	27,799	42,022	30,795
Debary	Florida	6046	P5			18,825	27,895	38,551	28,423
Debary	Florida	6046	P6			18,473	26,839	21,906	22,406
Deerhaven	Florida	663	B1	1,445,215	1,315,828	933,216	970,005	856,504	1,243,683
Deerhaven	Florida	663	B2	7,433,766	6,949,689	7,181,295	7,287,322	7,735,480	7,485,523
Deerhaven	Florida	663	CT3	401,941	420,034	110,279	64,638	252,823	358,266
Desoto County Energy Park	Florida	55422	CT1	414,684	60,863	582	16,038	7,897	163,862
Desoto County Energy Park	Florida	55422	CT2	382,217	60,912	355	821	22,323	155,150
Fort Myers	Florida	612	FMCT2A	5,213,410	5,124,396	4,758,209	5,275,955	4,606,129	5,204,587
Fort Myers	Florida	612	FMCT2B	5,116,276	5,047,442	4,869,751	5,247,843	4,834,787	5,137,187
Fort Myers	Florida	612	FMCT2C	5,203,241	5,028,935	5,162,935	5,018,267	4,388,345	5,131,704
Fort Myers	Florida	612	FMCT2D	5,367,500	4,960,142	5,223,420	4,920,475	4,237,819	5,183,688
Fort Myers	Florida	612	FMCT2E	5,392,588	5,109,025	4,997,489	5,104,592	4,547,202	5,202,068

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Crystal River	Florida	628	4	955,294,478	0.025355	28,071	27,268	712	691
Crystal River	Florida	628	5	955,294,478	0.024001	28,071	27,268	674	654
Curtis H. Stanton Energy Center	Florida	564	1	955,294,478	0.016185	28,071	27,268	454	441
Curtis H. Stanton Energy Center	Florida	564	2	955,294,478	0.015860	28,071	27,268	445	432
Curtis H. Stanton Energy Center	Florida	564	CCB	955,294,478	0.004541	28,071	27,268	127	124
Cutler	Florida	610	PCU5	955,294,478	0.000069	28,071	27,268	2	2
Cutler	Florida	610	PCU6	955,294,478	0.000585	28,071	27,268	16	16
Debary	Florida	6046	**10	955,294,478	0.000142	28,071	27,268	4	4
Debary	Florida	6046	**7	955,294,478	0.000477	28,071	27,268	13	13
Debary	Florida	6046	**8	955,294,478	0.000506	28,071	27,268	14	14
Debary	Florida	6046	**9	955,294,478	0.000487	28,071	27,268	14	13
Debary	Florida	6046	P1	955,294,478	0.000039	28,071	27,268	1	1
Debary	Florida	6046	P2	955,294,478	0.000031	28,071	27,268	1	1
Debary	Florida	6046	P3	955,294,478	0.000036	28,071	27,268	1	1
Debary	Florida	6046	P4	955,294,478	0.000032	28,071	27,268	1	1
Debary	Florida	6046	P5	955,294,478	0.000030	28,071	27,268	1	1
Debary	Florida	6046	P6	955,294,478	0.000023	28,071	27,268	1	1
Deerhaven	Florida	663	B1	955,294,478	0.001302	28,071	27,268	37	35
Deerhaven	Florida	663	B2	955,294,478	0.007836	28,071	27,268	220	214
Deerhaven	Florida	663	CT3	955,294,478	0.000375	28,071	27,268	11	10
Desoto County Energy Park	Florida	55422	CT1	955,294,478	0.000172	28,071	27,268	5	5
Desoto County Energy Park	Florida	55422	CT2	955,294,478	0.000162	28,071	27,268	5	4
Fort Myers	Florida	612	FMCT2A	955,294,478	0.005448	28,071	27,268	153	149
Fort Myers	Florida	612	FMCT2B	955,294,478	0.005378	28,071	27,268	151	147
Fort Myers	Florida	612	FMCT2C	955,294,478	0.005372	28,071	27,268	151	146
Fort Myers	Florida	612	FMCT2D	955,294,478	0.005426	28,071	27,268	152	148
Fort Myers	Florida	612	FMCT2E	955,294,478	0.005446	28,071	27,268	153	148

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Crystal River	Florida	628	4	6,446	5,773	6,214	5,837	6,198	5,880
Crystal River	Florida	628	5	5,926	5,252	6,752	5,393	5,654	4,841
Curtis H. Stanton Energy Center	Florida	564	1	2,781	2,773	2,969	3,093	2,839	3,032
Curtis H. Stanton Energy Center	Florida	564	2	1,288	1,192	1,318	1,259	1,301	1,073
Curtis H. Stanton Energy Center	Florida	564	CCB						
Cutler	Florida	610	PCU5	43	25	20	4	4	1
Cutler	Florida	610	PCU6	104	73	43	27	43	6
Debary	Florida	6046	**10	21	22	23	10	10	6
Debary	Florida	6046	**7	41	37	25	18	16	15
Debary	Florida	6046	**8	39	38	30	20	16	17
Debary	Florida	6046	**9	37	35	27	17	14	14
Debary	Florida	6046	P1						6
Debary	Florida	6046	P2						5
Debary	Florida	6046	P3						5
Debary	Florida	6046	P4						5
Debary	Florida	6046	P5						4
Debary	Florida	6046	P6						4
Deerhaven	Florida	663	B1	177	178	139	155	141	82
Deerhaven	Florida	663	B2	1,924	1,760	1,744	1,856	1,627	1,652
Deerhaven	Florida	663	CT3	3	3	5	7	7	3
Desoto County Energy Park	Florida	55422	CT1	37	17	19	7	1	0
Desoto County Energy Park	Florida	55422	CT2	24	30	17	7	2	0
Fort Myers	Florida	612	FMCT2A	73	75	68	70	68	69
Fort Myers	Florida	612	FMCT2B	64	77	72	71	67	69
Fort Myers	Florida	612	FMCT2C	66	70	71	71	69	73
Fort Myers	Florida	612	FMCT2D	72	70	62	75	69	67
Fort Myers	Florida	612	FMCT2E	70	65	76	71	70	69

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Crystal River	Florida	628	4	3,460	710	6,446			
Crystal River	Florida	628	5	1,027	456	6,752			
Curtis H. Stanton Energy Center	Florida	564	1	2,013	2,050	3,093			
Curtis H. Stanton Energy Center	Florida	564	2	1,087	1,102	1,318			
Curtis H. Stanton Energy Center	Florida	564	CCB		12	12			
Cutler	Florida	610	PCU5			43			
Cutler	Florida	610	PCU6			104			
Debary	Florida	6046	**10	5	8	23			
Debary	Florida	6046	**7	18	16	41			
Debary	Florida	6046	**8	19	20	39			
Debary	Florida	6046	**9	17	20	37			
Debary	Florida	6046	P1	8	13	13			
Debary	Florida	6046	P2	7	7	7			
Debary	Florida	6046	P3	7	13	13			
Debary	Florida	6046	P4	6	12	12			
Debary	Florida	6046	P5	6	8	8			
Debary	Florida	6046	P6	6	4	6			
Deerhaven	Florida	663	B1	75	60	178			
Deerhaven	Florida	663	B2	435	229	1,924			
Deerhaven	Florida	663	CT3	2	5	7			
Desoto County Energy Park	Florida	55422	CT1	1	1	37			
Desoto County Energy Park	Florida	55422	CT2	0	1	30			
Fort Myers	Florida	612	FMCT2A	74	64	75			
Fort Myers	Florida	612	FMCT2B	70	69	77			
Fort Myers	Florida	612	FMCT2C	69	63	73			
Fort Myers	Florida	612	FMCT2D	64	56	75			
Fort Myers	Florida	612	FMCT2E	70	60	76			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Crystal River	Florida	628	4				1,006	1,006
Crystal River	Florida	628	5				952	952
Curtis H. Stanton Energy Center	Florida	564	1				642	642
Curtis H. Stanton Energy Center	Florida	564	2				629	629
Curtis H. Stanton Energy Center	Florida	564	CCB				12	12
Cutler	Florida	610	PCU5				3	3
Cutler	Florida	610	PCU6				23	23
Debary	Florida	6046	**10				6	6
Debary	Florida	6046	**7				19	19
Debary	Florida	6046	**8				20	20
Debary	Florida	6046	**9				19	19
Debary	Florida	6046	P1				2	2
Debary	Florida	6046	P2				1	1
Debary	Florida	6046	P3				1	1
Debary	Florida	6046	P4				1	1
Debary	Florida	6046	P5				1	1
Debary	Florida	6046	P6				1	1
Deerhaven	Florida	663	B1				52	52
Deerhaven	Florida	663	B2				311	311
Deerhaven	Florida	663	CT3				7	7
Desoto County Energy Park	Florida	55422	CT1				7	7
Desoto County Energy Park	Florida	55422	CT2				6	6
Fort Myers	Florida	612	FMCT2A				75	75
Fort Myers	Florida	612	FMCT2B				77	77
Fort Myers	Florida	612	FMCT2C				73	73
Fort Myers	Florida	612	FMCT2D				75	75
Fort Myers	Florida	612	FMCT2E				76	76

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Crystal River	Florida	628	4					
Crystal River	Florida	628	5					
Curtis H. Stanton Energy Center	Florida	564	1					
Curtis H. Stanton Energy Center	Florida	564	2					
Curtis H. Stanton Energy Center	Florida	564	CCB					
Cutler	Florida	610	PCU5					
Cutler	Florida	610	PCU6					
Debary	Florida	6046	**10					
Debary	Florida	6046	**7					
Debary	Florida	6046	**8					
Debary	Florida	6046	**9					
Debary	Florida	6046	P1					
Debary	Florida	6046	P2					
Debary	Florida	6046	P3					
Debary	Florida	6046	P4					
Debary	Florida	6046	P5					
Debary	Florida	6046	P6					
Deerhaven	Florida	663	B1					
Deerhaven	Florida	663	B2					
Deerhaven	Florida	663	CT3					
Desoto County Energy Park	Florida	55422	CT1					
Desoto County Energy Park	Florida	55422	CT2					
Fort Myers	Florida	612	FMCT2A					
Fort Myers	Florida	612	FMCT2B					
Fort Myers	Florida	612	FMCT2C					
Fort Myers	Florida	612	FMCT2D					
Fort Myers	Florida	612	FMCT2E					

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Crystal River	Florida	628	4			Y		
Crystal River	Florida	628	5			Y		
Curtis H. Stanton Energy Center	Florida	564	1			Y		
Curtis H. Stanton Energy Center	Florida	564	2			Y		
Curtis H. Stanton Energy Center	Florida	564	CCB			Y		
Cutler	Florida	610	PCU5			Y		
Cutler	Florida	610	PCU6			Y		
Debary	Florida	6046	**10			Y		
Debary	Florida	6046	**7			Y		
Debary	Florida	6046	**8			Y		
Debary	Florida	6046	**9			Y		
Debary	Florida	6046	P1			Y		
Debary	Florida	6046	P2			Y		
Debary	Florida	6046	P3			Y		
Debary	Florida	6046	P4			Y		
Debary	Florida	6046	P5			Y		
Debary	Florida	6046	P6			Y		
Deerhaven	Florida	663	B1			Y		
Deerhaven	Florida	663	B2			Y		
Deerhaven	Florida	663	CT3			Y		
Desoto County Energy Park	Florida	55422	CT1			Y		
Desoto County Energy Park	Florida	55422	CT2			Y		
Fort Myers	Florida	612	FMCT2A			Y		
Fort Myers	Florida	612	FMCT2B			Y		
Fort Myers	Florida	612	FMCT2C			Y		
Fort Myers	Florida	612	FMCT2D			Y		
Fort Myers	Florida	612	FMCT2E			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Fort Myers	Florida	612	FMCT2F	408	11,994,679	10,789,995	11,907,816	10,891,800	11,033,598
Fort Myers	Florida	612	GFM01	90145			1,511	11,858	82,388
Fort Myers	Florida	612	GFM02	90146			1,160	16,345	69,909
Fort Myers	Florida	612	GFM03	90147			763	14,508	68,560
Fort Myers	Florida	612	GFM04	90148			787	9,522	86,941
Fort Myers	Florida	612	GFM05	90149			786	16,676	45,655
Fort Myers	Florida	612	GFM06	90150			560	6,069	63,222
Fort Myers	Florida	612	GFM07	90151			1,617	16,420	92,217
Fort Myers	Florida	612	GFM08	90152			1,634	17,324	83,435
Fort Myers	Florida	612	GFM09	90153			311	5,284	82,516
Fort Myers	Florida	612	GFM10	90154			1,117	8,363	34,041
Fort Myers	Florida	612	GFM11	90155			750	5,323	71,600
Fort Myers	Florida	612	GFM12	90156			861	6,319	68,872
Fort Myers	Florida	612	PFM3A	411	1,914,166	1,761,421	959,137	1,925,647	2,082,154
Fort Myers	Florida	612	PFM3B	412	1,960,427	1,678,869	849,055	1,816,952	2,087,427
G E Turner	Florida	629	P3	89886			152,066	114,495	174,837
G E Turner	Florida	629	P4	89887			70,693	160,989	103,315
Hardee Power Station	Florida	50949	CT1A	90230			2,073,515	2,907,159	2,364,123
Hardee Power Station	Florida	50949	CT1B	90231			2,086,505	2,833,737	2,264,659
Hardee Power Station	Florida	50949	CT2A	90232			331,687	175,254	154,547
Hardee Power Station	Florida	50949	CT2B	3703	116,037	163,543	310,898	85,193	82,331
Higgins	Florida	630	P1	89888			110,891	33,344	110,670
Higgins	Florida	630	P2	89889			137,088	132,913	65,167
Higgins	Florida	630	P3	89890			164,188	219,749	47,337
Higgins	Florida	630	P4	89891			199,207	216,753	44,809
Hines Energy Complex	Florida	7302	1A	3090	9,096,995	7,264,894	9,472,615	11,243,121	10,409,857
Hines Energy Complex	Florida	7302	1B	3091	8,217,984	6,345,659	9,440,252	11,003,560	10,608,527

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Fort Myers	Florida	612	FMCT2F	11,645,364	1,915,047,347	0.006081		
Fort Myers	Florida	612	GFM01	31,919	1,915,047,347	0.000017		
Fort Myers	Florida	612	GFM02	29,138	1,915,047,347	0.000015		
Fort Myers	Florida	612	GFM03	27,944	1,915,047,347	0.000015		
Fort Myers	Florida	612	GFM04	32,417	1,915,047,347	0.000017		
Fort Myers	Florida	612	GFM05	21,039	1,915,047,347	0.000011		
Fort Myers	Florida	612	GFM06	23,284	1,915,047,347	0.000012		
Fort Myers	Florida	612	GFM07	36,751	1,915,047,347	0.000019		
Fort Myers	Florida	612	GFM08	34,131	1,915,047,347	0.000018		
Fort Myers	Florida	612	GFM09	29,370	1,915,047,347	0.000015		
Fort Myers	Florida	612	GFM10	14,507	1,915,047,347	0.000008		
Fort Myers	Florida	612	GFM11	25,891	1,915,047,347	0.000014		
Fort Myers	Florida	612	GFM12	25,351	1,915,047,347	0.000013		
Fort Myers	Florida	612	PFM3A	1,973,989	1,915,047,347	0.001031		
Fort Myers	Florida	612	PFM3B	1,954,936	1,915,047,347	0.001021		
G E Turner	Florida	629	P3	147,133	1,915,047,347	0.000077		
G E Turner	Florida	629	P4	111,666	1,915,047,347	0.000058		
Hardee Power Station	Florida	50949	CT1A	2,448,266	1,915,047,347	0.001278		
Hardee Power Station	Florida	50949	CT1B	2,394,967	1,915,047,347	0.001251		
Hardee Power Station	Florida	50949	CT2A	220,496	1,915,047,347	0.000115		
Hardee Power Station	Florida	50949	CT2B	196,826	1,915,047,347	0.000103		
Higgins	Florida	630	P1	84,968	1,915,047,347	0.000044		
Higgins	Florida	630	P2	111,723	1,915,047,347	0.000058		
Higgins	Florida	630	P3	143,758	1,915,047,347	0.000075		
Higgins	Florida	630	P4	153,590	1,915,047,347	0.000080		
Hines Energy Complex	Florida	7302	1A	10,375,198	1,915,047,347	0.005418		
Hines Energy Complex	Florida	7302	1B	10,350,780	1,915,047,347	0.005405		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Fort Myers	Florida	612	FMCT2F						
Fort Myers	Florida	612	GFM01						
Fort Myers	Florida	612	GFM02						
Fort Myers	Florida	612	GFM03						
Fort Myers	Florida	612	GFM04						
Fort Myers	Florida	612	GFM05						
Fort Myers	Florida	612	GFM06						
Fort Myers	Florida	612	GFM07						
Fort Myers	Florida	612	GFM08						
Fort Myers	Florida	612	GFM09						
Fort Myers	Florida	612	GFM10						
Fort Myers	Florida	612	GFM11						
Fort Myers	Florida	612	GFM12						
Fort Myers	Florida	612	PFM3A						
Fort Myers	Florida	612	PFM3B						
G E Turner	Florida	629	P3						
G E Turner	Florida	629	P4						
Hardee Power Station	Florida	50949	CT1A						
Hardee Power Station	Florida	50949	CT1B						
Hardee Power Station	Florida	50949	CT2A						
Hardee Power Station	Florida	50949	CT2B						
Higgins	Florida	630	P1						
Higgins	Florida	630	P2						
Higgins	Florida	630	P3						
Higgins	Florida	630	P4						
Hines Energy Complex	Florida	7302	1A						
Hines Energy Complex	Florida	7302	1B						

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Fort Myers	Florida	612	FMCT2F	4	3	3	4	3	4
Fort Myers	Florida	612	GFM01						
Fort Myers	Florida	612	GFM02						
Fort Myers	Florida	612	GFM03						
Fort Myers	Florida	612	GFM04						
Fort Myers	Florida	612	GFM05						
Fort Myers	Florida	612	GFM06						
Fort Myers	Florida	612	GFM07						
Fort Myers	Florida	612	GFM08						
Fort Myers	Florida	612	GFM09						
Fort Myers	Florida	612	GFM10						
Fort Myers	Florida	612	GFM11						
Fort Myers	Florida	612	GFM12						
Fort Myers	Florida	612	PFM3A	3	4	5	1	1	1
Fort Myers	Florida	612	PFM3B	7	10	5	1	1	0
G E Turner	Florida	629	P3						
G E Turner	Florida	629	P4						
Hardee Power Station	Florida	50949	CT1A						
Hardee Power Station	Florida	50949	CT1B						
Hardee Power Station	Florida	50949	CT2A						
Hardee Power Station	Florida	50949	CT2B	0	0	1	0	0	0
Higgins	Florida	630	P1						
Higgins	Florida	630	P2						
Higgins	Florida	630	P3						
Higgins	Florida	630	P4						
Hines Energy Complex	Florida	7302	1A	3	3	3	3	2	3
Hines Energy Complex	Florida	7302	1B	3	2	3	2	2	3

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Fort Myers	Florida	612	FMCT2F	3	3	4			
Fort Myers	Florida	612	GFM01	3	21	21			
Fort Myers	Florida	612	GFM02	4	17	17			
Fort Myers	Florida	612	GFM03	4	17	17			
Fort Myers	Florida	612	GFM04	2	22	22			
Fort Myers	Florida	612	GFM05	4	11	11			
Fort Myers	Florida	612	GFM06	2	16	16			
Fort Myers	Florida	612	GFM07	4	23	23			
Fort Myers	Florida	612	GFM08	4	21	21			
Fort Myers	Florida	612	GFM09	1	21	21			
Fort Myers	Florida	612	GFM10	2	9	9			
Fort Myers	Florida	612	GFM11	1	18	18			
Fort Myers	Florida	612	GFM12	2	17	17			
Fort Myers	Florida	612	PFM3A	1	4	5			
Fort Myers	Florida	612	PFM3B	1	4	10			
G E Turner	Florida	629	P3	12	11	12			
G E Turner	Florida	629	P4	18	6	18			
Hardee Power Station	Florida	50949	CT1A	1	1	1			
Hardee Power Station	Florida	50949	CT1B	1	1	1			
Hardee Power Station	Florida	50949	CT2A	0	1	1			
Hardee Power Station	Florida	50949	CT2B	0	1	1			
Higgins	Florida	630	P1	0	1	1			
Higgins	Florida	630	P2	1	0	1			
Higgins	Florida	630	P3	2	1	2			
Higgins	Florida	630	P4	2	1	2			
Hines Energy Complex	Florida	7302	1A	3	3	3			
Hines Energy Complex	Florida	7302	1B	3	3	3			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Fort Myers	Florida	612	FMCT2F				169	148	144
Fort Myers	Florida	612	GFM01						
Fort Myers	Florida	612	GFM02						
Fort Myers	Florida	612	GFM03						
Fort Myers	Florida	612	GFM04						
Fort Myers	Florida	612	GFM05						
Fort Myers	Florida	612	GFM06						
Fort Myers	Florida	612	GFM07						
Fort Myers	Florida	612	GFM08						
Fort Myers	Florida	612	GFM09						
Fort Myers	Florida	612	GFM10						
Fort Myers	Florida	612	GFM11						
Fort Myers	Florida	612	GFM12						
Fort Myers	Florida	612	PFM3A				50	49	39
Fort Myers	Florida	612	PFM3B				55	61	38
G E Turner	Florida	629	P3						
G E Turner	Florida	629	P4						
Hardee Power Station	Florida	50949	CT1A						
Hardee Power Station	Florida	50949	CT1B						
Hardee Power Station	Florida	50949	CT2A						
Hardee Power Station	Florida	50949	CT2B				8	4	4
Higgins	Florida	630	P1						
Higgins	Florida	630	P2						
Higgins	Florida	630	P3						
Higgins	Florida	630	P4						
Hines Energy Complex	Florida	7302	1A				198	166	186
Hines Energy Complex	Florida	7302	1B				208	147	171

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Fort Myers	Florida	612	FMCT2F	148	152	171	156	153	171
Fort Myers	Florida	612	GFM01			1	3	23	23
Fort Myers	Florida	612	GFM02			1	5	20	20
Fort Myers	Florida	612	GFM03			0	4	19	19
Fort Myers	Florida	612	GFM04			0	3	24	24
Fort Myers	Florida	612	GFM05			0	5	13	13
Fort Myers	Florida	612	GFM06			0	2	18	18
Fort Myers	Florida	612	GFM07			1	5	26	26
Fort Myers	Florida	612	GFM08			1	5	23	23
Fort Myers	Florida	612	GFM09			0	1	23	23
Fort Myers	Florida	612	GFM10			1	2	10	10
Fort Myers	Florida	612	GFM11			0	1	20	20
Fort Myers	Florida	612	GFM12			1	2	19	19
Fort Myers	Florida	612	PFM3A	38	35	23	38	45	50
Fort Myers	Florida	612	PFM3B	38	36	20	41	49	61
G E Turner	Florida	629	P3			51	39	60	60
G E Turner	Florida	629	P4			23	52	33	52
Hardee Power Station	Florida	50949	CT1A			163	186	157	186
Hardee Power Station	Florida	50949	CT1B			150	181	143	181
Hardee Power Station	Florida	50949	CT2A			27	12	15	27
Hardee Power Station	Florida	50949	CT2B	2	3	5	2	3	8
Higgins	Florida	630	P1			22	12	23	23
Higgins	Florida	630	P2			31	22	10	31
Higgins	Florida	630	P3			67	99	37	99
Higgins	Florida	630	P4			49	52	30	52
Hines Energy Complex	Florida	7302	1A	172	106	184	191	190	198
Hines Energy Complex	Florida	7302	1B	159	110	167	189	198	208

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Fort Myers	Florida	612	FMCT2F						
Fort Myers	Florida	612	GFM01						
Fort Myers	Florida	612	GFM02						
Fort Myers	Florida	612	GFM03						
Fort Myers	Florida	612	GFM04						
Fort Myers	Florida	612	GFM05						
Fort Myers	Florida	612	GFM06						
Fort Myers	Florida	612	GFM07						
Fort Myers	Florida	612	GFM08						
Fort Myers	Florida	612	GFM09						
Fort Myers	Florida	612	GFM10						
Fort Myers	Florida	612	GFM11						
Fort Myers	Florida	612	GFM12						
Fort Myers	Florida	612	PFM3A						
Fort Myers	Florida	612	PFM3B						
G E Turner	Florida	629	P3						
G E Turner	Florida	629	P4						
Hardee Power Station	Florida	50949	CT1A						
Hardee Power Station	Florida	50949	CT1B						
Hardee Power Station	Florida	50949	CT2A						
Hardee Power Station	Florida	50949	CT2B						
Higgins	Florida	630	P1						
Higgins	Florida	630	P2						
Higgins	Florida	630	P3						
Higgins	Florida	630	P4						
Hines Energy Complex	Florida	7302	1A						
Hines Energy Complex	Florida	7302	1B						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Fort Myers	Florida	612	FMCT2F				
Fort Myers	Florida	612	GFM01				
Fort Myers	Florida	612	GFM02				
Fort Myers	Florida	612	GFM03				
Fort Myers	Florida	612	GFM04				
Fort Myers	Florida	612	GFM05				
Fort Myers	Florida	612	GFM06				
Fort Myers	Florida	612	GFM07				
Fort Myers	Florida	612	GFM08				
Fort Myers	Florida	612	GFM09				
Fort Myers	Florida	612	GFM10				
Fort Myers	Florida	612	GFM11				
Fort Myers	Florida	612	GFM12				
Fort Myers	Florida	612	PFM3A				
Fort Myers	Florida	612	PFM3B				
G E Turner	Florida	629	P3				
G E Turner	Florida	629	P4				
Hardee Power Station	Florida	50949	CT1A				
Hardee Power Station	Florida	50949	CT1B				
Hardee Power Station	Florida	50949	CT2A				
Hardee Power Station	Florida	50949	CT2B				
Higgins	Florida	630	P1				
Higgins	Florida	630	P2				
Higgins	Florida	630	P3				
Higgins	Florida	630	P4				
Hines Energy Complex	Florida	7302	1A				
Hines Energy Complex	Florida	7302	1B				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Calculation							
Fort Myers	Florida	612	FMCT2F				
Fort Myers	Florida	612	GFM01				
Fort Myers	Florida	612	GFM02				
Fort Myers	Florida	612	GFM03				
Fort Myers	Florida	612	GFM04				
Fort Myers	Florida	612	GFM05				
Fort Myers	Florida	612	GFM06				
Fort Myers	Florida	612	GFM07				
Fort Myers	Florida	612	GFM08				
Fort Myers	Florida	612	GFM09				
Fort Myers	Florida	612	GFM10				
Fort Myers	Florida	612	GFM11				
Fort Myers	Florida	612	GFM12				
Fort Myers	Florida	612	PFM3A				
Fort Myers	Florida	612	PFM3B				
G E Turner	Florida	629	P3				
G E Turner	Florida	629	P4				
Hardee Power Station	Florida	50949	CT1A				
Hardee Power Station	Florida	50949	CT1B				
Hardee Power Station	Florida	50949	CT2A				
Hardee Power Station	Florida	50949	CT2B				
Higgins	Florida	630	P1				
Higgins	Florida	630	P2				
Higgins	Florida	630	P3				
Higgins	Florida	630	P4				
Hines Energy Complex	Florida	7302	1A				
Hines Energy Complex	Florida	7302	1B				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Fort Myers	Florida	612	FMCT2F				
Fort Myers	Florida	612	GFM01				
Fort Myers	Florida	612	GFM02				
Fort Myers	Florida	612	GFM03				
Fort Myers	Florida	612	GFM04				
Fort Myers	Florida	612	GFM05				
Fort Myers	Florida	612	GFM06				
Fort Myers	Florida	612	GFM07				
Fort Myers	Florida	612	GFM08				
Fort Myers	Florida	612	GFM09				
Fort Myers	Florida	612	GFM10				
Fort Myers	Florida	612	GFM11				
Fort Myers	Florida	612	GFM12				
Fort Myers	Florida	612	PFM3A				
Fort Myers	Florida	612	PFM3B				
G E Turner	Florida	629	P3				
G E Turner	Florida	629	P4				
Hardee Power Station	Florida	50949	CT1A				
Hardee Power Station	Florida	50949	CT1B				
Hardee Power Station	Florida	50949	CT2A				
Hardee Power Station	Florida	50949	CT2B				
Higgins	Florida	630	P1				
Higgins	Florida	630	P2				
Higgins	Florida	630	P3				
Higgins	Florida	630	P4				
Hines Energy Complex	Florida	7302	1A				
Hines Energy Complex	Florida	7302	1B				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Fort Myers	Florida	612	FMCT2F	5,344,023	5,241,235	5,211,924	5,176,131	4,839,996	5,265,727
Fort Myers	Florida	612	GFM01			394	7,496	30,412	12,767
Fort Myers	Florida	612	GFM02			437	11,338	18,021	9,932
Fort Myers	Florida	612	GFM03			87	12,228	18,742	10,352
Fort Myers	Florida	612	GFM04			14	5,281	31,889	12,394
Fort Myers	Florida	612	GFM05			6	12,122		6,064
Fort Myers	Florida	612	GFM06			12	4,283	9,746	4,680
Fort Myers	Florida	612	GFM07			531	13,049	31,888	15,156
Fort Myers	Florida	612	GFM08			491	14,166	28,051	14,236
Fort Myers	Florida	612	GFM09			13	4,825	30,283	11,707
Fort Myers	Florida	612	GFM10			395	6,879	27,635	11,636
Fort Myers	Florida	612	GFM11			4	5,061	17,131	7,399
Fort Myers	Florida	612	GFM12			11	5,889	18,671	8,190
Fort Myers	Florida	612	PFM3A	1,117,704	860,772	592,232	1,398,924	1,566,673	1,361,100
Fort Myers	Florida	612	PFM3B	1,127,106	838,490	360,500	1,333,223	1,572,468	1,344,266
G E Turner	Florida	629	P3			114,475	60,740	37,751	70,989
G E Turner	Florida	629	P4			64,826	115,917	14,488	65,077
Hardee Power Station	Florida	50949	CT1A			1,152,675	1,519,867	1,456,356	1,376,299
Hardee Power Station	Florida	50949	CT1B			1,163,173	1,501,846	1,406,335	1,357,118
Hardee Power Station	Florida	50949	CT2A			198,810	106,813	57,417	121,013
Hardee Power Station	Florida	50949	CT2B	59,690	91,622	182,653	57,384	50,543	111,322
Higgins	Florida	630	P1			89,416	1,124	74,335	54,958
Higgins	Florida	630	P2			106,768	111,887	51,017	89,891
Higgins	Florida	630	P3			93,430	153,688	3,956	83,691
Higgins	Florida	630	P4			135,776	155,239	675	97,230
Hines Energy Complex	Florida	7302	1A	4,764,838	4,422,377	4,823,478	5,104,568	4,547,477	4,897,628
Hines Energy Complex	Florida	7302	1B	3,869,550	4,541,864	5,097,681	5,311,492	4,863,493	5,090,889

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Fort Myers	Florida	612	FMCT2F	955,294,478	0.005512	28,071	27,268	155	150
Fort Myers	Florida	612	GFM01	955,294,478	0.000013	28,071	27,268	0	0
Fort Myers	Florida	612	GFM02	955,294,478	0.000010	28,071	27,268	0	0
Fort Myers	Florida	612	GFM03	955,294,478	0.000011	28,071	27,268	0	0
Fort Myers	Florida	612	GFM04	955,294,478	0.000013	28,071	27,268	0	0
Fort Myers	Florida	612	GFM05	955,294,478	0.000006	28,071	27,268	0	0
Fort Myers	Florida	612	GFM06	955,294,478	0.000005	28,071	27,268	0	0
Fort Myers	Florida	612	GFM07	955,294,478	0.000016	28,071	27,268	0	0
Fort Myers	Florida	612	GFM08	955,294,478	0.000015	28,071	27,268	0	0
Fort Myers	Florida	612	GFM09	955,294,478	0.000012	28,071	27,268	0	0
Fort Myers	Florida	612	GFM10	955,294,478	0.000012	28,071	27,268	0	0
Fort Myers	Florida	612	GFM11	955,294,478	0.000008	28,071	27,268	0	0
Fort Myers	Florida	612	GFM12	955,294,478	0.000009	28,071	27,268	0	0
Fort Myers	Florida	612	PFM3A	955,294,478	0.001425	28,071	27,268	40	39
Fort Myers	Florida	612	PFM3B	955,294,478	0.001407	28,071	27,268	40	38
G E Turner	Florida	629	P3	955,294,478	0.000074	28,071	27,268	2	2
G E Turner	Florida	629	P4	955,294,478	0.000068	28,071	27,268	2	2
Hardee Power Station	Florida	50949	CT1A	955,294,478	0.001441	28,071	27,268	40	39
Hardee Power Station	Florida	50949	CT1B	955,294,478	0.001421	28,071	27,268	40	39
Hardee Power Station	Florida	50949	CT2A	955,294,478	0.000127	28,071	27,268	4	3
Hardee Power Station	Florida	50949	CT2B	955,294,478	0.000117	28,071	27,268	3	3
Higgins	Florida	630	P1	955,294,478	0.000058	28,071	27,268	2	2
Higgins	Florida	630	P2	955,294,478	0.000094	28,071	27,268	3	3
Higgins	Florida	630	P3	955,294,478	0.000088	28,071	27,268	2	2
Higgins	Florida	630	P4	955,294,478	0.000102	28,071	27,268	3	3
Hines Energy Complex	Florida	7302	1A	955,294,478	0.005127	28,071	27,268	144	140
Hines Energy Complex	Florida	7302	1B	955,294,478	0.005329	28,071	27,268	150	145

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Fort Myers	Florida	612	FMCT2F	74	63	71	64	75	71
Fort Myers	Florida	612	GFM01						0
Fort Myers	Florida	612	GFM02						0
Fort Myers	Florida	612	GFM03						0
Fort Myers	Florida	612	GFM04						0
Fort Myers	Florida	612	GFM05						0
Fort Myers	Florida	612	GFM06						0
Fort Myers	Florida	612	GFM07						0
Fort Myers	Florida	612	GFM08						0
Fort Myers	Florida	612	GFM09						0
Fort Myers	Florida	612	GFM10						0
Fort Myers	Florida	612	GFM11						0
Fort Myers	Florida	612	GFM12						0
Fort Myers	Florida	612	PFM3A	37	34	26	23	19	12
Fort Myers	Florida	612	PFM3B	41	46	25	21	18	8
G E Turner	Florida	629	P3						38
G E Turner	Florida	629	P4						21
Hardee Power Station	Florida	50949	CT1A						92
Hardee Power Station	Florida	50949	CT1B						87
Hardee Power Station	Florida	50949	CT2A						12
Hardee Power Station	Florida	50949	CT2B	4	2	3	1	2	2
Higgins	Florida	630	P1						20
Higgins	Florida	630	P2						24
Higgins	Florida	630	P3						40
Higgins	Florida	630	P4						33
Hines Energy Complex	Florida	7302	1A	88	79	88	89	59	98
Hines Energy Complex	Florida	7302	1B	88	74	78	74	77	92

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Fort Myers	Florida	612	FMCT2F	71	65	75			
Fort Myers	Florida	612	GFM01	2	9	9			
Fort Myers	Florida	612	GFM02	3	5	5			
Fort Myers	Florida	612	GFM03	3	5	5			
Fort Myers	Florida	612	GFM04	1	9	9			
Fort Myers	Florida	612	GFM05	3		3			
Fort Myers	Florida	612	GFM06	1	3	3			
Fort Myers	Florida	612	GFM07	4	9	9			
Fort Myers	Florida	612	GFM08	4	8	8			
Fort Myers	Florida	612	GFM09	1	8	8			
Fort Myers	Florida	612	GFM10	2	8	8			
Fort Myers	Florida	612	GFM11	1	5	5			
Fort Myers	Florida	612	GFM12	2	5	5			
Fort Myers	Florida	612	PFM3A	27	28	37			
Fort Myers	Florida	612	PFM3B	29	29	46			
G E Turner	Florida	629	P3	20	11	38			
G E Turner	Florida	629	P4	37	5	37			
Hardee Power Station	Florida	50949	CT1A	97	98	98			
Hardee Power Station	Florida	50949	CT1B	94	88	94			
Hardee Power Station	Florida	50949	CT2A	6	4	12			
Hardee Power Station	Florida	50949	CT2B	1	2	4			
Higgins	Florida	630	P1	0	10	20			
Higgins	Florida	630	P2	17	8	24			
Higgins	Florida	630	P3	69	1	69			
Higgins	Florida	630	P4	33	0	33			
Hines Energy Complex	Florida	7302	1A	85	81	98			
Hines Energy Complex	Florida	7302	1B	91	89	92			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Fort Myers	Florida	612	FMCT2F				75	75
Fort Myers	Florida	612	GFM01				1	1
Fort Myers	Florida	612	GFM02				0	0
Fort Myers	Florida	612	GFM03				0	0
Fort Myers	Florida	612	GFM04				1	1
Fort Myers	Florida	612	GFM05				0	0
Fort Myers	Florida	612	GFM06				0	0
Fort Myers	Florida	612	GFM07				1	1
Fort Myers	Florida	612	GFM08				1	1
Fort Myers	Florida	612	GFM09				0	0
Fort Myers	Florida	612	GFM10				0	0
Fort Myers	Florida	612	GFM11				0	0
Fort Myers	Florida	612	GFM12				0	0
Fort Myers	Florida	612	PFM3A				37	37
Fort Myers	Florida	612	PFM3B				46	46
G E Turner	Florida	629	P3				3	3
G E Turner	Florida	629	P4				3	3
Hardee Power Station	Florida	50949	CT1A				57	57
Hardee Power Station	Florida	50949	CT1B				56	56
Hardee Power Station	Florida	50949	CT2A				5	5
Hardee Power Station	Florida	50949	CT2B				4	4
Higgins	Florida	630	P1				2	2
Higgins	Florida	630	P2				4	4
Higgins	Florida	630	P3				3	3
Higgins	Florida	630	P4				4	4
Hines Energy Complex	Florida	7302	1A				98	98
Hines Energy Complex	Florida	7302	1B				92	92

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Fort Myers	Florida	612	FMCT2F					
Fort Myers	Florida	612	GFM01					
Fort Myers	Florida	612	GFM02					
Fort Myers	Florida	612	GFM03					
Fort Myers	Florida	612	GFM04					
Fort Myers	Florida	612	GFM05					
Fort Myers	Florida	612	GFM06					
Fort Myers	Florida	612	GFM07					
Fort Myers	Florida	612	GFM08					
Fort Myers	Florida	612	GFM09					
Fort Myers	Florida	612	GFM10					
Fort Myers	Florida	612	GFM11					
Fort Myers	Florida	612	GFM12					
Fort Myers	Florida	612	PFM3A					
Fort Myers	Florida	612	PFM3B					
G E Turner	Florida	629	P3					
G E Turner	Florida	629	P4					
Hardee Power Station	Florida	50949	CT1A					
Hardee Power Station	Florida	50949	CT1B					
Hardee Power Station	Florida	50949	CT2A					
Hardee Power Station	Florida	50949	CT2B					
Higgins	Florida	630	P1					
Higgins	Florida	630	P2					
Higgins	Florida	630	P3					
Higgins	Florida	630	P4					
Hines Energy Complex	Florida	7302	1A					
Hines Energy Complex	Florida	7302	1B					

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Fort Myers	Florida	612	FMCT2F			Y		
Fort Myers	Florida	612	GFM01			Y		
Fort Myers	Florida	612	GFM02			Y		
Fort Myers	Florida	612	GFM03			Y		
Fort Myers	Florida	612	GFM04			Y		
Fort Myers	Florida	612	GFM05			Y		
Fort Myers	Florida	612	GFM06			Y		
Fort Myers	Florida	612	GFM07			Y		
Fort Myers	Florida	612	GFM08			Y		
Fort Myers	Florida	612	GFM09			Y		
Fort Myers	Florida	612	GFM10			Y		
Fort Myers	Florida	612	GFM11			Y		
Fort Myers	Florida	612	GFM12			Y		
Fort Myers	Florida	612	PFM3A			Y		
Fort Myers	Florida	612	PFM3B			Y		
G E Turner	Florida	629	P3			Y		
G E Turner	Florida	629	P4			Y		
Hardee Power Station	Florida	50949	CT1A			Y		
Hardee Power Station	Florida	50949	CT1B			Y		
Hardee Power Station	Florida	50949	CT2A			Y		
Hardee Power Station	Florida	50949	CT2B			Y		
Higgins	Florida	630	P1			Y		
Higgins	Florida	630	P2			Y		
Higgins	Florida	630	P3			Y		
Higgins	Florida	630	P4			Y		
Hines Energy Complex	Florida	7302	1A			Y		
Hines Energy Complex	Florida	7302	1B			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Hines Energy Complex	Florida	7302	2A	10029	8,738,317	10,472,927	9,557,876	9,368,449	12,271,010
Hines Energy Complex	Florida	7302	2B	10030	7,950,081	9,600,406	8,447,315	11,394,327	11,391,464
Hines Energy Complex	Florida	7302	3A	89245	8,617,211	11,115,573	11,089,015	10,613,192	12,169,879
Hines Energy Complex	Florida	7302	3B	89246	8,046,756	10,549,875	9,494,352	10,145,567	10,770,001
Hines Energy Complex	Florida	7302	4A	90110		297,355	9,709,325	7,525,194	12,045,992
Hines Energy Complex	Florida	7302	4B	90111		174,873	8,712,712	8,445,054	11,345,162
Indian River (55318)	Florida	55318	1	4490	320,955	466,668	276,485	399,598	107,558
Indian River (55318)	Florida	55318	2	4491	771,728	972,724	481,282	724,977	
Indian River (55318)	Florida	55318	3	4492	2,060,014	1,622,701	726,373	1,519,551	2,799,464
Indian River (683)	Florida	683	**C	516	150,594	122,679	80,392	166,770	228,146
Indian River (683)	Florida	683	**D	517	236,003	228,545	210,859	147,346	213,742
Indian River (683)	Florida	683	A	90128			12,096	10,432	16,092
Indian River (683)	Florida	683	B	90129			10,605	13,996	9,448
Indiantown Cogeneration, LP	Florida	50976	01	89972	21,048,842	23,487,834	25,366,727	15,651,993	14,222,699
Intercession City	Florida	8049	**10	3440	1,049,114	941,445	996,887	803,841	848,572
Intercession City	Florida	8049	**11	3441	305,417	236,593	129,530	220,196	386,552
Intercession City	Florida	8049	**12	3442	1,468,879	1,718,722	1,443,992	1,615,375	1,595,847
Intercession City	Florida	8049	**13	3443	1,518,668	1,733,117	1,710,255	1,502,202	1,597,360
Intercession City	Florida	8049	**14	3444	1,358,158	1,876,582	1,592,857	1,737,332	1,423,509
Intercession City	Florida	8049	**7	3445	1,134,626	1,103,388	923,181	1,040,964	1,207,630
Intercession City	Florida	8049	**8	3446	1,044,395	1,055,969	870,082	1,106,633	1,070,890
Intercession City	Florida	8049	**9	3447	1,065,757	1,127,186	971,923	1,107,793	1,273,086
Intercession City	Florida	8049	1A	89879			4,271	6,943	11,531
Intercession City	Florida	8049	1B	89982			2,967	7,017	44,797
Intercession City	Florida	8049	2A	89877			14,193	19,934	60,439
Intercession City	Florida	8049	2B	89981			23,964	21,774	58,627
Intercession City	Florida	8049	3A	89878			68,736	32,894	49,803

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Hines Energy Complex	Florida	7302	2A	10,767,271	1,915,047,347	0.005622		
Hines Energy Complex	Florida	7302	2B	10,795,399	1,915,047,347	0.005637		
Hines Energy Complex	Florida	7302	3A	11,458,156	1,915,047,347	0.005983		
Hines Energy Complex	Florida	7302	3B	10,488,481	1,915,047,347	0.005477		
Hines Energy Complex	Florida	7302	4A	9,760,170	1,915,047,347	0.005097		
Hines Energy Complex	Florida	7302	4B	9,500,976	1,915,047,347	0.004961		
Indian River (55318)	Florida	55318	1	395,740	1,915,047,347	0.000207		
Indian River (55318)	Florida	55318	2	823,143	1,915,047,347	0.000430		
Indian River (55318)	Florida	55318	3	2,160,726	1,915,047,347	0.001128		
Indian River (683)	Florida	683	**C	181,837	1,915,047,347	0.000095		
Indian River (683)	Florida	683	**D	226,097	1,915,047,347	0.000118		
Indian River (683)	Florida	683	A	12,873	1,915,047,347	0.000007		
Indian River (683)	Florida	683	B	11,350	1,915,047,347	0.000006		
Indiantown Cogeneration, LP	Florida	50976	01	23,301,134	1,915,047,347	0.012167		
Intercession City	Florida	8049	**10	995,815	1,915,047,347	0.000520		
Intercession City	Florida	8049	**11	309,521	1,915,047,347	0.000162		
Intercession City	Florida	8049	**12	1,643,315	1,915,047,347	0.000858		
Intercession City	Florida	8049	**13	1,680,244	1,915,047,347	0.000877		
Intercession City	Florida	8049	**14	1,735,591	1,915,047,347	0.000906		
Intercession City	Florida	8049	**7	1,148,548	1,915,047,347	0.000600		
Intercession City	Florida	8049	**8	1,077,831	1,915,047,347	0.000563		
Intercession City	Florida	8049	**9	1,169,355	1,915,047,347	0.000611		
Intercession City	Florida	8049	1A	7,581	1,915,047,347	0.000004		
Intercession City	Florida	8049	1B	18,260	1,915,047,347	0.000010		
Intercession City	Florida	8049	2A	31,522	1,915,047,347	0.000016		
Intercession City	Florida	8049	2B	34,788	1,915,047,347	0.000018		
Intercession City	Florida	8049	3A	50,478	1,915,047,347	0.000026		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Hines Energy Complex	Florida	7302	2A						
Hines Energy Complex	Florida	7302	2B						
Hines Energy Complex	Florida	7302	3A						
Hines Energy Complex	Florida	7302	3B						
Hines Energy Complex	Florida	7302	4A						
Hines Energy Complex	Florida	7302	4B						
Indian River (55318)	Florida	55318	1						
Indian River (55318)	Florida	55318	2						
Indian River (55318)	Florida	55318	3						
Indian River (683)	Florida	683	**C						
Indian River (683)	Florida	683	**D						
Indian River (683)	Florida	683	A						
Indian River (683)	Florida	683	B						
Indiantown Cogeneration, LP	Florida	50976	01						
Intercession City	Florida	8049	**10						
Intercession City	Florida	8049	**11						
Intercession City	Florida	8049	**12						
Intercession City	Florida	8049	**13						
Intercession City	Florida	8049	**14						
Intercession City	Florida	8049	**7						
Intercession City	Florida	8049	**8						
Intercession City	Florida	8049	**9						
Intercession City	Florida	8049	1A						
Intercession City	Florida	8049	1B						
Intercession City	Florida	8049	2A						
Intercession City	Florida	8049	2B						
Intercession City	Florida	8049	3A						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Hines Energy Complex	Florida	7302	2A	0	3	3	3	3	3
Hines Energy Complex	Florida	7302	2B	0	3	3	2	3	3
Hines Energy Complex	Florida	7302	3A			0	3	3	3
Hines Energy Complex	Florida	7302	3B			0	2	3	3
Hines Energy Complex	Florida	7302	4A					0	3
Hines Energy Complex	Florida	7302	4B					0	3
Indian River (55318)	Florida	55318	1	853	426	495	151	81	24
Indian River (55318)	Florida	55318	2	3,202	1,817	1,549	345	343	95
Indian River (55318)	Florida	55318	3	5,201	5,204	2,770	833	490	177
Indian River (683)	Florida	683	**C	3	4	0	0	0	0
Indian River (683)	Florida	683	**D	2	2	0	0	0	0
Indian River (683)	Florida	683	A						
Indian River (683)	Florida	683	B						
Indiantown Cogeneration, LP	Florida	50976	01	1,792	1,897	1,955	1,745	2,068	2,018
Intercession City	Florida	8049	**10	5	4	5	2	1	0
Intercession City	Florida	8049	**11	37	29	31	22	16	3
Intercession City	Florida	8049	**12	1	1	2	1	1	0
Intercession City	Florida	8049	**13	1	1	2	1	1	1
Intercession City	Florida	8049	**14	2	1	2	1	1	1
Intercession City	Florida	8049	**7	6	3	3	2	1	0
Intercession City	Florida	8049	**8	3	4	5	3	1	0
Intercession City	Florida	8049	**9	4	3	5	2	1	0
Intercession City	Florida	8049	1A						
Intercession City	Florida	8049	1B						
Intercession City	Florida	8049	2A						
Intercession City	Florida	8049	2B						
Intercession City	Florida	8049	3A						

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Hines Energy Complex	Florida	7302	2A	3	4	4			
Hines Energy Complex	Florida	7302	2B	3	3	3			
Hines Energy Complex	Florida	7302	3A	3	4	4			
Hines Energy Complex	Florida	7302	3B	3	3	3			
Hines Energy Complex	Florida	7302	4A	2	4	4			
Hines Energy Complex	Florida	7302	4B	3	3	3			
Indian River (55318)	Florida	55318	1	12	20	853			
Indian River (55318)	Florida	55318	2	23		3,202			
Indian River (55318)	Florida	55318	3	316	1	5,204			
Indian River (683)	Florida	683	**C	0	0	4			
Indian River (683)	Florida	683	**D	0	0	2			
Indian River (683)	Florida	683	A	0	0	0			
Indian River (683)	Florida	683	B	0	0	0			
Indiantown Cogeneration, LP	Florida	50976	01	1,969	2,040	2,068			
Intercession City	Florida	8049	**10	1	2	5			
Intercession City	Florida	8049	**11	3	4	37			
Intercession City	Florida	8049	**12	1	0	2			
Intercession City	Florida	8049	**13	1	1	2			
Intercession City	Florida	8049	**14	1	3	3			
Intercession City	Florida	8049	**7	1	2	6			
Intercession City	Florida	8049	**8	1	1	5			
Intercession City	Florida	8049	**9	1	3	5			
Intercession City	Florida	8049	1A	0	0	0			
Intercession City	Florida	8049	1B	0	1	1			
Intercession City	Florida	8049	2A	0	1	1			
Intercession City	Florida	8049	2B	0	1	1			
Intercession City	Florida	8049	3A	0	1	1			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Hines Energy Complex	Florida	7302	2A				4	57	66
Hines Energy Complex	Florida	7302	2B				4	63	67
Hines Energy Complex	Florida	7302	3A						5
Hines Energy Complex	Florida	7302	3B						3
Hines Energy Complex	Florida	7302	4A						
Hines Energy Complex	Florida	7302	4B						
Indian River (55318)	Florida	55318	1				216	120	155
Indian River (55318)	Florida	55318	2				736	456	420
Indian River (55318)	Florida	55318	3				1,349	1,419	720
Indian River (683)	Florida	683	**C				5	3	5
Indian River (683)	Florida	683	**D				7	2	4
Indian River (683)	Florida	683	A						
Indian River (683)	Florida	683	B						
Indiantown Cogeneration, LP	Florida	50976	01				2,066	2,033	2,146
Intercession City	Florida	8049	**10				42	31	57
Intercession City	Florida	8049	**11				24	21	25
Intercession City	Florida	8049	**12				26	21	27
Intercession City	Florida	8049	**13				22	22	25
Intercession City	Florida	8049	**14				25	22	30
Intercession City	Florida	8049	**7				33	42	43
Intercession City	Florida	8049	**8				44	50	57
Intercession City	Florida	8049	**9				45	45	39
Intercession City	Florida	8049	1A						
Intercession City	Florida	8049	1B						
Intercession City	Florida	8049	2A						
Intercession City	Florida	8049	2B						
Intercession City	Florida	8049	3A						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Hines Energy Complex	Florida	7302	2A	55	62	57	55	68	68
Hines Energy Complex	Florida	7302	2B	52	240	51	66	64	240
Hines Energy Complex	Florida	7302	3A	43	52	52	48	52	52
Hines Energy Complex	Florida	7302	3B	35	47	44	42	46	47
Hines Energy Complex	Florida	7302	4A		3	33	30	47	47
Hines Energy Complex	Florida	7302	4B		1	29	38	46	46
Indian River (55318)	Florida	55318	1	48	50	21	21	10	216
Indian River (55318)	Florida	55318	2	110	109	43	41		736
Indian River (55318)	Florida	55318	3	280	175	72	151	180	1,419
Indian River (683)	Florida	683	**C	6	5	3	6	9	9
Indian River (683)	Florida	683	**D	9	7	6	4	7	9
Indian River (683)	Florida	683	A			4	4	6	6
Indian River (683)	Florida	683	B			4	5	3	5
Indiantown Cogeneration, LP	Florida	50976	01	1,847	1,931	2,104	1,408	1,528	2,146
Intercession City	Florida	8049	**10	45	37	38	32	35	57
Intercession City	Florida	8049	**11	21	15	8	13	26	26
Intercession City	Florida	8049	**12	23	23	21	22	22	27
Intercession City	Florida	8049	**13	21	23	22	19	25	25
Intercession City	Florida	8049	**14	22	27	20	22	30	30
Intercession City	Florida	8049	**7	41	40	33	37	46	46
Intercession City	Florida	8049	**8	42	42	33	44	41	57
Intercession City	Florida	8049	**9	45	46	38	43	55	55
Intercession City	Florida	8049	1A			1	2	3	3
Intercession City	Florida	8049	1B			1	2	15	15
Intercession City	Florida	8049	2A			4	6	19	19
Intercession City	Florida	8049	2B			7	5	17	17
Intercession City	Florida	8049	3A			19	9	16	19

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Hines Energy Complex	Florida	7302	2A						
Hines Energy Complex	Florida	7302	2B						
Hines Energy Complex	Florida	7302	3A						
Hines Energy Complex	Florida	7302	3B						
Hines Energy Complex	Florida	7302	4A						
Hines Energy Complex	Florida	7302	4B						
Indian River (55318)	Florida	55318	1						
Indian River (55318)	Florida	55318	2						
Indian River (55318)	Florida	55318	3						
Indian River (683)	Florida	683	**C						
Indian River (683)	Florida	683	**D						
Indian River (683)	Florida	683	A						
Indian River (683)	Florida	683	B						
Indiantown Cogeneration, LP	Florida	50976	01						
Intercession City	Florida	8049	**10						
Intercession City	Florida	8049	**11						
Intercession City	Florida	8049	**12						
Intercession City	Florida	8049	**13						
Intercession City	Florida	8049	**14						
Intercession City	Florida	8049	**7						
Intercession City	Florida	8049	**8						
Intercession City	Florida	8049	**9						
Intercession City	Florida	8049	1A						
Intercession City	Florida	8049	1B						
Intercession City	Florida	8049	2A						
Intercession City	Florida	8049	2B						
Intercession City	Florida	8049	3A						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Hines Energy Complex	Florida	7302	2A				
Hines Energy Complex	Florida	7302	2B				
Hines Energy Complex	Florida	7302	3A				
Hines Energy Complex	Florida	7302	3B				
Hines Energy Complex	Florida	7302	4A				
Hines Energy Complex	Florida	7302	4B				
Indian River (55318)	Florida	55318	1				
Indian River (55318)	Florida	55318	2				
Indian River (55318)	Florida	55318	3				
Indian River (683)	Florida	683	**C				
Indian River (683)	Florida	683	**D				
Indian River (683)	Florida	683	A				
Indian River (683)	Florida	683	B				
Indiantown Cogeneration, LP	Florida	50976	01				
Intercession City	Florida	8049	**10				
Intercession City	Florida	8049	**11				
Intercession City	Florida	8049	**12				
Intercession City	Florida	8049	**13				
Intercession City	Florida	8049	**14				
Intercession City	Florida	8049	**7				
Intercession City	Florida	8049	**8				
Intercession City	Florida	8049	**9				
Intercession City	Florida	8049	1A				
Intercession City	Florida	8049	1B				
Intercession City	Florida	8049	2A				
Intercession City	Florida	8049	2B				
Intercession City	Florida	8049	3A				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Calculation							
Hines Energy Complex	Florida	7302	2A				
Hines Energy Complex	Florida	7302	2B				
Hines Energy Complex	Florida	7302	3A				
Hines Energy Complex	Florida	7302	3B				
Hines Energy Complex	Florida	7302	4A				
Hines Energy Complex	Florida	7302	4B				
Indian River (55318)	Florida	55318	1				
Indian River (55318)	Florida	55318	2				
Indian River (55318)	Florida	55318	3				
Indian River (683)	Florida	683	**C				
Indian River (683)	Florida	683	**D				
Indian River (683)	Florida	683	A				
Indian River (683)	Florida	683	B				
Indiantown Cogeneration, LP	Florida	50976	01				
Intercession City	Florida	8049	**10				
Intercession City	Florida	8049	**11				
Intercession City	Florida	8049	**12				
Intercession City	Florida	8049	**13				
Intercession City	Florida	8049	**14				
Intercession City	Florida	8049	**7				
Intercession City	Florida	8049	**8				
Intercession City	Florida	8049	**9				
Intercession City	Florida	8049	1A				
Intercession City	Florida	8049	1B				
Intercession City	Florida	8049	2A				
Intercession City	Florida	8049	2B				
Intercession City	Florida	8049	3A				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Hines Energy Complex	Florida	7302	2A				
Hines Energy Complex	Florida	7302	2B				
Hines Energy Complex	Florida	7302	3A				
Hines Energy Complex	Florida	7302	3B				
Hines Energy Complex	Florida	7302	4A				
Hines Energy Complex	Florida	7302	4B				
Indian River (55318)	Florida	55318	1				
Indian River (55318)	Florida	55318	2				
Indian River (55318)	Florida	55318	3				
Indian River (683)	Florida	683	**C				
Indian River (683)	Florida	683	**D				
Indian River (683)	Florida	683	A				
Indian River (683)	Florida	683	B				
Indiantown Cogeneration, LP	Florida	50976	01				
Intercession City	Florida	8049	**10				
Intercession City	Florida	8049	**11				
Intercession City	Florida	8049	**12				
Intercession City	Florida	8049	**13				
Intercession City	Florida	8049	**14				
Intercession City	Florida	8049	**7				
Intercession City	Florida	8049	**8				
Intercession City	Florida	8049	**9				
Intercession City	Florida	8049	1A				
Intercession City	Florida	8049	1B				
Intercession City	Florida	8049	2A				
Intercession City	Florida	8049	2B				
Intercession City	Florida	8049	3A				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Hines Energy Complex	Florida	7302	2A	5,394,719	5,697,919	5,306,973	5,086,565	5,711,155	5,601,264
Hines Energy Complex	Florida	7302	2B	5,147,660	5,560,197	5,384,096	5,329,185	5,691,193	5,545,162
Hines Energy Complex	Florida	7302	3A	4,730,621	4,590,557	4,848,697	4,371,923	6,077,396	5,218,905
Hines Energy Complex	Florida	7302	3B	3,648,932	5,158,962	5,111,478	4,114,242	5,941,995	5,404,145
Hines Energy Complex	Florida	7302	4A			4,671,636	4,751,778	5,471,102	4,964,839
Hines Energy Complex	Florida	7302	4B			4,203,612	4,851,210	5,202,229	4,752,350
Indian River (55318)	Florida	55318	1	193,661	333,098	179,757	216,963		247,908
Indian River (55318)	Florida	55318	2	603,326	697,831	361,336	507,127		602,762
Indian River (55318)	Florida	55318	3	1,692,937	1,085,087	531,828	861,078	2,797,514	1,858,513
Indian River (683)	Florida	683	**C	88,745	54,759	51,889	91,248	163,196	114,396
Indian River (683)	Florida	683	**D	185,071	104,336	137,889	56,630	170,140	164,367
Indian River (683)	Florida	683	A			3,520	7,632	11,357	7,503
Indian River (683)	Florida	683	B			5,153	8,518	7,735	7,135
Indiantown Cogeneration, LP	Florida	50976	01	9,441,900	10,602,034	11,831,208	8,690,049	8,230,091	10,625,047
Intercession City	Florida	8049	**10	704,533	513,561	694,814	543,733	586,906	662,084
Intercession City	Florida	8049	**11	52,493	64,287	25,622	92,398	39,175	69,726
Intercession City	Florida	8049	**12	930,130	846,105	824,875	876,664	903,618	903,471
Intercession City	Florida	8049	**13	967,116	897,245	968,212	891,526	970,064	968,464
Intercession City	Florida	8049	**14	889,642	908,063	1,002,390	1,034,152	878,763	981,535
Intercession City	Florida	8049	**7	718,866	625,577	677,686	656,711	775,870	724,141
Intercession City	Florida	8049	**8	665,899	641,351	709,478	642,632	725,962	700,446
Intercession City	Florida	8049	**9	691,065	620,136	653,749	657,089	739,574	695,909
Intercession City	Florida	8049	1A			955	4,093	1,425	2,158
Intercession City	Florida	8049	1B			757	3,938	6,261	3,652
Intercession City	Florida	8049	2A			8,252	13,341	15,757	12,450
Intercession City	Florida	8049	2B			13,134	13,196	15,139	13,823
Intercession City	Florida	8049	3A			57,243	15,178	7,471	26,631

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Hines Energy Complex	Florida	7302	2A	955,294,478	0.005863	28,071	27,268	165	160
Hines Energy Complex	Florida	7302	2B	955,294,478	0.005805	28,071	27,268	163	158
Hines Energy Complex	Florida	7302	3A	955,294,478	0.005463	28,071	27,268	153	149
Hines Energy Complex	Florida	7302	3B	955,294,478	0.005657	28,071	27,268	159	154
Hines Energy Complex	Florida	7302	4A	955,294,478	0.005197	28,071	27,268	146	142
Hines Energy Complex	Florida	7302	4B	955,294,478	0.004975	28,071	27,268	140	136
Indian River (55318)	Florida	55318	1	955,294,478	0.000260	28,071	27,268	7	7
Indian River (55318)	Florida	55318	2	955,294,478	0.000631	28,071	27,268	18	17
Indian River (55318)	Florida	55318	3	955,294,478	0.001945	28,071	27,268	55	53
Indian River (683)	Florida	683	**C	955,294,478	0.000120	28,071	27,268	3	3
Indian River (683)	Florida	683	**D	955,294,478	0.000172	28,071	27,268	5	5
Indian River (683)	Florida	683	A	955,294,478	0.000008	28,071	27,268	0	0
Indian River (683)	Florida	683	B	955,294,478	0.000007	28,071	27,268	0	0
Indiantown Cogeneration, LP	Florida	50976	01	955,294,478	0.011122	28,071	27,268	312	303
Intercession City	Florida	8049	**10	955,294,478	0.000693	28,071	27,268	19	19
Intercession City	Florida	8049	**11	955,294,478	0.000073	28,071	27,268	2	2
Intercession City	Florida	8049	**12	955,294,478	0.000946	28,071	27,268	27	26
Intercession City	Florida	8049	**13	955,294,478	0.001014	28,071	27,268	28	28
Intercession City	Florida	8049	**14	955,294,478	0.001027	28,071	27,268	29	28
Intercession City	Florida	8049	**7	955,294,478	0.000758	28,071	27,268	21	21
Intercession City	Florida	8049	**8	955,294,478	0.000733	28,071	27,268	21	20
Intercession City	Florida	8049	**9	955,294,478	0.000728	28,071	27,268	20	20
Intercession City	Florida	8049	1A	955,294,478	0.000002	28,071	27,268	0	0
Intercession City	Florida	8049	1B	955,294,478	0.000004	28,071	27,268	0	0
Intercession City	Florida	8049	2A	955,294,478	0.000013	28,071	27,268	0	0
Intercession City	Florida	8049	2B	955,294,478	0.000014	28,071	27,268	0	0
Intercession City	Florida	8049	3A	955,294,478	0.000028	28,071	27,268	1	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Hines Energy Complex	Florida	7302	2A		33	35	33	32	30
Hines Energy Complex	Florida	7302	2B		35	34	32	213	31
Hines Energy Complex	Florida	7302	3A				23	21	22
Hines Energy Complex	Florida	7302	3B				15	22	23
Hines Energy Complex	Florida	7302	4A						15
Hines Energy Complex	Florida	7302	4B						12
Indian River (55318)	Florida	55318	1	146	76	95	27	33	15
Indian River (55318)	Florida	55318	2	475	252	250	86	75	32
Indian River (55318)	Florida	55318	3	765	803	543	222	111	56
Indian River (683)	Florida	683	**C	2	2	4	3	2	2
Indian River (683)	Florida	683	**D	5	1	3	8	3	4
Indian River (683)	Florida	683	A						1
Indian River (683)	Florida	683	B						2
Indiantown Cogeneration, LP	Florida	50976	01	926		974	921	918	963
Intercession City	Florida	8049	**10	22	24	38	30	20	27
Intercession City	Florida	8049	**11	6	5	9	4	4	2
Intercession City	Florida	8049	**12	12	13	15	13	10	12
Intercession City	Florida	8049	**13	10	13	14	13	11	11
Intercession City	Florida	8049	**14	10	12	18	13	12	12
Intercession City	Florida	8049	**7	22	29	28	26	23	25
Intercession City	Florida	8049	**8	29	35	39	26	26	27
Intercession City	Florida	8049	**9	25	32	31	29	26	26
Intercession City	Florida	8049	1A						0
Intercession City	Florida	8049	1B						0
Intercession City	Florida	8049	2A						2
Intercession City	Florida	8049	2B						4
Intercession City	Florida	8049	3A						15

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Hines Energy Complex	Florida	7302	2A	30	31	35			
Hines Energy Complex	Florida	7302	2B	31	31	213			
Hines Energy Complex	Florida	7302	3A	20	25	25			
Hines Energy Complex	Florida	7302	3B	17	24	24			
Hines Energy Complex	Florida	7302	4A	17	20	20			
Hines Energy Complex	Florida	7302	4B	21	20	21			
Indian River (55318)	Florida	55318	1	12		146			
Indian River (55318)	Florida	55318	2	29		475			
Indian River (55318)	Florida	55318	3	79	180	803			
Indian River (683)	Florida	683	**C	3	6	6			
Indian River (683)	Florida	683	**D	2	5	8			
Indian River (683)	Florida	683	A	3	4	4			
Indian River (683)	Florida	683	B	3	3	3			
Indiantown Cogeneration, LP	Florida	50976	01	592	642	974			
Intercession City	Florida	8049	**10	22	22	38			
Intercession City	Florida	8049	**11	5	3	9			
Intercession City	Florida	8049	**12	11	11	15			
Intercession City	Florida	8049	**13	10	14	14			
Intercession City	Florida	8049	**14	11	12	18			
Intercession City	Florida	8049	**7	23	26	29			
Intercession City	Florida	8049	**8	26	27	39			
Intercession City	Florida	8049	**9	26	29	32			
Intercession City	Florida	8049	1A	1	0	1			
Intercession City	Florida	8049	1B	1	2	2			
Intercession City	Florida	8049	2A	4	4	4			
Intercession City	Florida	8049	2B	3	3	4			
Intercession City	Florida	8049	3A	4	2	15			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Hines Energy Complex	Florida	7302	2A				35	35
Hines Energy Complex	Florida	7302	2B				213	213
Hines Energy Complex	Florida	7302	3A				25	25
Hines Energy Complex	Florida	7302	3B				24	24
Hines Energy Complex	Florida	7302	4A				20	20
Hines Energy Complex	Florida	7302	4B				21	21
Indian River (55318)	Florida	55318	1				10	10
Indian River (55318)	Florida	55318	2				25	25
Indian River (55318)	Florida	55318	3				77	77
Indian River (683)	Florida	683	**C				5	5
Indian River (683)	Florida	683	**D				7	7
Indian River (683)	Florida	683	A				0	0
Indian River (683)	Florida	683	B				0	0
Indiantown Cogeneration, LP	Florida	50976	01				441	441
Intercession City	Florida	8049	**10				27	27
Intercession City	Florida	8049	**11				3	3
Intercession City	Florida	8049	**12				15	15
Intercession City	Florida	8049	**13				14	14
Intercession City	Florida	8049	**14				18	18
Intercession City	Florida	8049	**7				29	29
Intercession City	Florida	8049	**8				29	29
Intercession City	Florida	8049	**9				29	29
Intercession City	Florida	8049	1A				0	0
Intercession City	Florida	8049	1B				0	0
Intercession City	Florida	8049	2A				1	1
Intercession City	Florida	8049	2B				1	1
Intercession City	Florida	8049	3A				1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Hines Energy Complex	Florida	7302	2A					
Hines Energy Complex	Florida	7302	2B					
Hines Energy Complex	Florida	7302	3A					
Hines Energy Complex	Florida	7302	3B					
Hines Energy Complex	Florida	7302	4A					
Hines Energy Complex	Florida	7302	4B					
Indian River (55318)	Florida	55318	1					
Indian River (55318)	Florida	55318	2					
Indian River (55318)	Florida	55318	3					
Indian River (683)	Florida	683	**C					
Indian River (683)	Florida	683	**D					
Indian River (683)	Florida	683	A					
Indian River (683)	Florida	683	B					
Indiantown Cogeneration, LP	Florida	50976	01					
Intercession City	Florida	8049	**10					
Intercession City	Florida	8049	**11					
Intercession City	Florida	8049	**12					
Intercession City	Florida	8049	**13					
Intercession City	Florida	8049	**14					
Intercession City	Florida	8049	**7					
Intercession City	Florida	8049	**8					
Intercession City	Florida	8049	**9					
Intercession City	Florida	8049	1A					
Intercession City	Florida	8049	1B					
Intercession City	Florida	8049	2A					
Intercession City	Florida	8049	2B					
Intercession City	Florida	8049	3A					

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Hines Energy Complex	Florida	7302	2A			Y		
Hines Energy Complex	Florida	7302	2B			Y		
Hines Energy Complex	Florida	7302	3A			Y		
Hines Energy Complex	Florida	7302	3B			Y		
Hines Energy Complex	Florida	7302	4A			Y		
Hines Energy Complex	Florida	7302	4B			Y		
Indian River (55318)	Florida	55318	1			Y		
Indian River (55318)	Florida	55318	2			Y		
Indian River (55318)	Florida	55318	3			Y		
Indian River (683)	Florida	683	**C			Y		
Indian River (683)	Florida	683	**D			Y		
Indian River (683)	Florida	683	A			Y		
Indian River (683)	Florida	683	B			Y		
Indiantown Cogeneration, LP	Florida	50976	01			Y		Y
Intercession City	Florida	8049	**10			Y		
Intercession City	Florida	8049	**11			Y		
Intercession City	Florida	8049	**12			Y		
Intercession City	Florida	8049	**13			Y		
Intercession City	Florida	8049	**14			Y		
Intercession City	Florida	8049	**7			Y		
Intercession City	Florida	8049	**8			Y		
Intercession City	Florida	8049	**9			Y		
Intercession City	Florida	8049	1A			Y		
Intercession City	Florida	8049	1B			Y		
Intercession City	Florida	8049	2A			Y		
Intercession City	Florida	8049	2B			Y		
Intercession City	Florida	8049	3A			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Intercession City	Florida	8049	3B	89983			64,948	30,438	29,708
Intercession City	Florida	8049	4A	89880			34,077	40,024	57,021
Intercession City	Florida	8049	4B	89990			33,424	40,717	56,353
Intercession City	Florida	8049	5A	89881			29,148	9,355	66,332
Intercession City	Florida	8049	5B	89991			27,376	19,119	65,371
Intercession City	Florida	8049	6A	89882			44,248	36,017	54,556
Intercession City	Florida	8049	6B	89992			53,147	38,212	53,647
J D Kennedy	Florida	666	7	493	726,927	796,652	425,473	281,972	427,630
J D Kennedy	Florida	666	CT8	90118				737,045	1,028,985
J R Kelly	Florida	664	CC1	489	1,333,888	2,196,086	1,334,335	2,157,380	2,176,370
Lake Cogeneration	Florida	54423	EU003	90194			1,943,249	1,962,294	2,556,010
Lake Cogeneration	Florida	54423	EU004	90195			1,981,917	1,982,611	2,527,581
Lansing Smith Generating Plant	Florida	643	1	465	13,327,789	11,314,219	12,662,079	5,486,938	9,906,858
Lansing Smith Generating Plant	Florida	643	2	466	15,665,819	15,761,391	13,829,220	9,602,261	9,394,511
Lansing Smith Generating Plant	Florida	643	4	8284	7,503,979	8,795,157	8,604,701	13,202,123	10,705,095
Lansing Smith Generating Plant	Florida	643	5	8286	7,488,059	8,169,610	8,642,287	12,982,906	9,725,483
Lansing Smith Generating Plant	Florida	643	AA	90260			1,969	3,067	2,663
Lansing Smith Generating Plant	Florida	643	AB	90261			2,503	2,378	2,098
Lauderdale	Florida	613	4GT1	413	11,833,136	8,646,844	10,050,601	9,960,403	10,025,205
Lauderdale	Florida	613	4GT2	414	11,247,109	8,639,906	10,042,151	9,816,387	7,398,500
Lauderdale	Florida	613	5GT1	415	11,997,150	11,319,951	10,832,423	10,983,325	9,597,248
Lauderdale	Florida	613	5GT2	416	12,326,757	11,393,859	10,836,432	10,830,889	8,933,587
Lauderdale	Florida	613	GFL01	90157			6,580	51,440	40,163
Lauderdale	Florida	613	GFL02	90158			5,581	49,098	95,311
Lauderdale	Florida	613	GFL03	90159			10,043	53,779	69,344
Lauderdale	Florida	613	GFL04	90160			6,385	45,877	71,257
Lauderdale	Florida	613	GFL05	90161			8,484	49,866	67,693

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Intercession City	Florida	8049	3B	41,698	1,915,047,347	0.000022		
Intercession City	Florida	8049	4A	43,707	1,915,047,347	0.000023		
Intercession City	Florida	8049	4B	43,498	1,915,047,347	0.000023		
Intercession City	Florida	8049	5A	34,945	1,915,047,347	0.000018		
Intercession City	Florida	8049	5B	37,288	1,915,047,347	0.000019		
Intercession City	Florida	8049	6A	44,940	1,915,047,347	0.000023		
Intercession City	Florida	8049	6B	48,335	1,915,047,347	0.000025		
J D Kennedy	Florida	666	7	650,403	1,915,047,347	0.000340		
J D Kennedy	Florida	666	CT8	883,015	1,915,047,347	0.000461		
J R Kelly	Florida	664	CC1	2,176,612	1,915,047,347	0.001137		
Lake Cogeneration	Florida	54423	EU003	2,153,851	1,915,047,347	0.001125		
Lake Cogeneration	Florida	54423	EU004	2,164,036	1,915,047,347	0.001130		
Lansing Smith Generating Plant	Florida	643	1	12,434,695	1,915,047,347	0.006493		
Lansing Smith Generating Plant	Florida	643	2	15,085,477	1,915,047,347	0.007877		
Lansing Smith Generating Plant	Florida	643	4	10,900,791	1,915,047,347	0.005692		
Lansing Smith Generating Plant	Florida	643	5	10,450,225	1,915,047,347	0.005457		
Lansing Smith Generating Plant	Florida	643	AA	2,566	1,915,047,347	0.000001		
Lansing Smith Generating Plant	Florida	643	AB	2,326	1,915,047,347	0.000001		
Lauderdale	Florida	613	4GT1	10,636,314	1,915,047,347	0.005554		
Lauderdale	Florida	613	4GT2	10,368,549	1,915,047,347	0.005414		
Lauderdale	Florida	613	5GT1	11,433,475	1,915,047,347	0.005970		
Lauderdale	Florida	613	5GT2	11,519,016	1,915,047,347	0.006015		
Lauderdale	Florida	613	GFL01	32,728	1,915,047,347	0.000017		
Lauderdale	Florida	613	GFL02	49,997	1,915,047,347	0.000026		
Lauderdale	Florida	613	GFL03	44,388	1,915,047,347	0.000023		
Lauderdale	Florida	613	GFL04	41,173	1,915,047,347	0.000021		
Lauderdale	Florida	613	GFL05	42,015	1,915,047,347	0.000022		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Intercession City	Florida	8049	3B						
Intercession City	Florida	8049	4A						
Intercession City	Florida	8049	4B						
Intercession City	Florida	8049	5A						
Intercession City	Florida	8049	5B						
Intercession City	Florida	8049	6A						
Intercession City	Florida	8049	6B						
J D Kennedy	Florida	666	7						
J D Kennedy	Florida	666	CT8						
J R Kelly	Florida	664	CC1						
Lake Cogeneration	Florida	54423	EU003						
Lake Cogeneration	Florida	54423	EU004						
Lansing Smith Generating Plant	Florida	643	1						
Lansing Smith Generating Plant	Florida	643	2						
Lansing Smith Generating Plant	Florida	643	4						
Lansing Smith Generating Plant	Florida	643	5						
Lansing Smith Generating Plant	Florida	643	AA						
Lansing Smith Generating Plant	Florida	643	AB						
Lauderdale	Florida	613	4GT1						
Lauderdale	Florida	613	4GT2						
Lauderdale	Florida	613	5GT1						
Lauderdale	Florida	613	5GT2						
Lauderdale	Florida	613	GFL01						
Lauderdale	Florida	613	GFL02						
Lauderdale	Florida	613	GFL03						
Lauderdale	Florida	613	GFL04						
Lauderdale	Florida	613	GFL05						

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Intercession City	Florida	8049	3B						
Intercession City	Florida	8049	4A						
Intercession City	Florida	8049	4B						
Intercession City	Florida	8049	5A						
Intercession City	Florida	8049	5B						
Intercession City	Florida	8049	6A						
Intercession City	Florida	8049	6B						
J D Kennedy	Florida	666	7	24	2	0	0	0	0
J D Kennedy	Florida	666	CT8						
J R Kelly	Florida	664	CC1	1	1	0	1	1	1
Lake Cogeneration	Florida	54423	EU003						
Lake Cogeneration	Florida	54423	EU004						
Lansing Smith Generating Plant	Florida	643	1	6,671	9,709	9,754	6,765	6,387	7,936
Lansing Smith Generating Plant	Florida	643	2	7,498	11,404	8,759	7,843	8,814	9,037
Lansing Smith Generating Plant	Florida	643	4	6	7	0	1	1	0
Lansing Smith Generating Plant	Florida	643	5	6	7	0	1	1	0
Lansing Smith Generating Plant	Florida	643	AA						
Lansing Smith Generating Plant	Florida	643	AB						
Lauderdale	Florida	613	4GT1	4	10	11	4	3	3
Lauderdale	Florida	613	4GT2	4	3	5	3	3	3
Lauderdale	Florida	613	5GT1	3	3	9	4	3	3
Lauderdale	Florida	613	5GT2	4	8	12	4	3	3
Lauderdale	Florida	613	GFL01						
Lauderdale	Florida	613	GFL02						
Lauderdale	Florida	613	GFL03						
Lauderdale	Florida	613	GFL04						
Lauderdale	Florida	613	GFL05						

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Intercession City	Florida	8049	3B	0	0	0			
Intercession City	Florida	8049	4A	1	1	1			
Intercession City	Florida	8049	4B	1	1	1			
Intercession City	Florida	8049	5A	0	1	1			
Intercession City	Florida	8049	5B	0	1	1			
Intercession City	Florida	8049	6A	1	1	1			
Intercession City	Florida	8049	6B	1	1	1			
J D Kennedy	Florida	666	7	2	15	24			
J D Kennedy	Florida	666	CT8	1	1	1			
J R Kelly	Florida	664	CC1	1	1	1			
Lake Cogeneration	Florida	54423	EU003	1	1	1			
Lake Cogeneration	Florida	54423	EU004	5	1	5			
Lansing Smith Generating Plant	Florida	643	1	4,018	5,908	9,754			
Lansing Smith Generating Plant	Florida	643	2	7,152	5,830	11,404			
Lansing Smith Generating Plant	Florida	643	4	0	0	7			
Lansing Smith Generating Plant	Florida	643	5	0	1	7			
Lansing Smith Generating Plant	Florida	643	AA	2	1	2			
Lansing Smith Generating Plant	Florida	643	AB	1	1	1			
Lauderdale	Florida	613	4GT1	3	3	11			
Lauderdale	Florida	613	4GT2	3	2	5			
Lauderdale	Florida	613	5GT1	3	3	9			
Lauderdale	Florida	613	5GT2	3	3	12			
Lauderdale	Florida	613	GFL01	4	4	4			
Lauderdale	Florida	613	GFL02	4	12	12			
Lauderdale	Florida	613	GFL03	4	6	6			
Lauderdale	Florida	613	GFL04	4	6	6			
Lauderdale	Florida	613	GFL05	4	6	6			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Intercession City	Florida	8049	3B						
Intercession City	Florida	8049	4A						
Intercession City	Florida	8049	4B						
Intercession City	Florida	8049	5A						
Intercession City	Florida	8049	5B						
Intercession City	Florida	8049	6A						
Intercession City	Florida	8049	6B						
J D Kennedy	Florida	666	7				55	11	84
J D Kennedy	Florida	666	CT8						
J R Kelly	Florida	664	CC1				31	37	15
Lake Cogeneration	Florida	54423	EU003						
Lake Cogeneration	Florida	54423	EU004						
Lansing Smith Generating Plant	Florida	643	1				2,521	3,085	3,168
Lansing Smith Generating Plant	Florida	643	2				2,030	2,964	2,416
Lansing Smith Generating Plant	Florida	643	4				130	150	115
Lansing Smith Generating Plant	Florida	643	5				98	137	143
Lansing Smith Generating Plant	Florida	643	AA						
Lansing Smith Generating Plant	Florida	643	AB						
Lauderdale	Florida	613	4GT1				655	561	677
Lauderdale	Florida	613	4GT2				666	524	685
Lauderdale	Florida	613	5GT1				697	663	508
Lauderdale	Florida	613	5GT2				715	630	518
Lauderdale	Florida	613	GFL01						
Lauderdale	Florida	613	GFL02						
Lauderdale	Florida	613	GFL03						
Lauderdale	Florida	613	GFL04						
Lauderdale	Florida	613	GFL05						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Intercession City	Florida	8049	3B			18	8	9	18
Intercession City	Florida	8049	4A			11	13	24	24
Intercession City	Florida	8049	4B			10	12	20	20
Intercession City	Florida	8049	5A			12	4	28	28
Intercession City	Florida	8049	5B			11	7	27	27
Intercession City	Florida	8049	6A			16	12	22	22
Intercession City	Florida	8049	6B			19	13	23	23
J D Kennedy	Florida	666	7	12	11	8	6	11	84
J D Kennedy	Florida	666	CT8				20	21	21
J R Kelly	Florida	664	CC1	19	30	20	27	29	37
Lake Cogeneration	Florida	54423	EU003			85	86	111	111
Lake Cogeneration	Florida	54423	EU004			87	87	110	110
Lansing Smith Generating Plant	Florida	643	1	3,048	2,771	3,152	982	1,447	3,168
Lansing Smith Generating Plant	Florida	643	2	2,908	2,970	2,627	1,912	1,418	2,970
Lansing Smith Generating Plant	Florida	643	4	125	153	158	214	188	214
Lansing Smith Generating Plant	Florida	643	5	125	150	154	236	199	236
Lansing Smith Generating Plant	Florida	643	AA			1	2	2	2
Lansing Smith Generating Plant	Florida	643	AB			2	2	2	2
Lauderdale	Florida	613	4GT1	633	449	523	526	534	677
Lauderdale	Florida	613	4GT2	634	500	569	519	392	685
Lauderdale	Florida	613	5GT1	683	678	630	639	516	697
Lauderdale	Florida	613	5GT2	704	686	632	584	493	715
Lauderdale	Florida	613	GFL01			1	13	10	13
Lauderdale	Florida	613	GFL02			1	12	26	26
Lauderdale	Florida	613	GFL03			2	13	17	17
Lauderdale	Florida	613	GFL04			1	12	17	17
Lauderdale	Florida	613	GFL05			2	12	17	17

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Intercession City	Florida	8049	3B						
Intercession City	Florida	8049	4A						
Intercession City	Florida	8049	4B						
Intercession City	Florida	8049	5A						
Intercession City	Florida	8049	5B						
Intercession City	Florida	8049	6A						
Intercession City	Florida	8049	6B						
J D Kennedy	Florida	666	7						
J D Kennedy	Florida	666	CT8						
J R Kelly	Florida	664	CC1						
Lake Cogeneration	Florida	54423	EU003						
Lake Cogeneration	Florida	54423	EU004						
Lansing Smith Generating Plant	Florida	643	1						
Lansing Smith Generating Plant	Florida	643	2						
Lansing Smith Generating Plant	Florida	643	4						
Lansing Smith Generating Plant	Florida	643	5						
Lansing Smith Generating Plant	Florida	643	AA						
Lansing Smith Generating Plant	Florida	643	AB						
Lauderdale	Florida	613	4GT1						
Lauderdale	Florida	613	4GT2						
Lauderdale	Florida	613	5GT1						
Lauderdale	Florida	613	5GT2						
Lauderdale	Florida	613	GFL01						
Lauderdale	Florida	613	GFL02						
Lauderdale	Florida	613	GFL03						
Lauderdale	Florida	613	GFL04						
Lauderdale	Florida	613	GFL05						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Intercession City	Florida	8049	3B				
Intercession City	Florida	8049	4A				
Intercession City	Florida	8049	4B				
Intercession City	Florida	8049	5A				
Intercession City	Florida	8049	5B				
Intercession City	Florida	8049	6A				
Intercession City	Florida	8049	6B				
J D Kennedy	Florida	666	7				
J D Kennedy	Florida	666	CT8				
J R Kelly	Florida	664	CC1				
Lake Cogeneration	Florida	54423	EU003				
Lake Cogeneration	Florida	54423	EU004				
Lansing Smith Generating Plant	Florida	643	1				
Lansing Smith Generating Plant	Florida	643	2				
Lansing Smith Generating Plant	Florida	643	4				
Lansing Smith Generating Plant	Florida	643	5				
Lansing Smith Generating Plant	Florida	643	AA				
Lansing Smith Generating Plant	Florida	643	AB				
Lauderdale	Florida	613	4GT1				
Lauderdale	Florida	613	4GT2				
Lauderdale	Florida	613	5GT1				
Lauderdale	Florida	613	5GT2				
Lauderdale	Florida	613	GFL01				
Lauderdale	Florida	613	GFL02				
Lauderdale	Florida	613	GFL03				
Lauderdale	Florida	613	GFL04				
Lauderdale	Florida	613	GFL05				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Intercession City	Florida	8049	3B				
Intercession City	Florida	8049	4A				
Intercession City	Florida	8049	4B				
Intercession City	Florida	8049	5A				
Intercession City	Florida	8049	5B				
Intercession City	Florida	8049	6A				
Intercession City	Florida	8049	6B				
J D Kennedy	Florida	666	7				
J D Kennedy	Florida	666	CT8				
J R Kelly	Florida	664	CC1				
Lake Cogeneration	Florida	54423	EU003				
Lake Cogeneration	Florida	54423	EU004				
Lansing Smith Generating Plant	Florida	643	1				
Lansing Smith Generating Plant	Florida	643	2				
Lansing Smith Generating Plant	Florida	643	4				
Lansing Smith Generating Plant	Florida	643	5				
Lansing Smith Generating Plant	Florida	643	AA				
Lansing Smith Generating Plant	Florida	643	AB				
Lauderdale	Florida	613	4GT1				
Lauderdale	Florida	613	4GT2				
Lauderdale	Florida	613	5GT1				
Lauderdale	Florida	613	5GT2				
Lauderdale	Florida	613	GFL01				
Lauderdale	Florida	613	GFL02				
Lauderdale	Florida	613	GFL03				
Lauderdale	Florida	613	GFL04				
Lauderdale	Florida	613	GFL05				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Intercession City	Florida	8049	3B				
Intercession City	Florida	8049	4A				
Intercession City	Florida	8049	4B				
Intercession City	Florida	8049	5A				
Intercession City	Florida	8049	5B				
Intercession City	Florida	8049	6A				
Intercession City	Florida	8049	6B				
J D Kennedy	Florida	666	7				
J D Kennedy	Florida	666	CT8				
J R Kelly	Florida	664	CC1				
Lake Cogeneration	Florida	54423	EU003				
Lake Cogeneration	Florida	54423	EU004				
Lansing Smith Generating Plant	Florida	643	1				
Lansing Smith Generating Plant	Florida	643	2				
Lansing Smith Generating Plant	Florida	643	4				
Lansing Smith Generating Plant	Florida	643	5				
Lansing Smith Generating Plant	Florida	643	AA				
Lansing Smith Generating Plant	Florida	643	AB				
Lauderdale	Florida	613	4GT1				
Lauderdale	Florida	613	4GT2				
Lauderdale	Florida	613	5GT1				
Lauderdale	Florida	613	5GT2				
Lauderdale	Florida	613	GFL01				
Lauderdale	Florida	613	GFL02				
Lauderdale	Florida	613	GFL03				
Lauderdale	Florida	613	GFL04				
Lauderdale	Florida	613	GFL05				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Intercession City	Florida	8049	3B			53,449	13,940	2,907	23,432
Intercession City	Florida	8049	4A			19,749	19,714	10,363	16,609
Intercession City	Florida	8049	4B			19,731	19,564	10,407	16,567
Intercession City	Florida	8049	5A			15,399	1,443	19,445	12,096
Intercession City	Florida	8049	5B			14,669	7,912	18,831	13,804
Intercession City	Florida	8049	6A			26,949	19,506	7,826	18,094
Intercession City	Florida	8049	6B			28,095	20,936	5,727	18,252
J D Kennedy	Florida	666	7	548,152	546,390	286,339	141,820	262,187	460,294
J D Kennedy	Florida	666	CT8				614,675	453,548	534,112
J R Kelly	Florida	664	CC1	1,155,903	1,500,700	730,259	1,328,587	1,125,652	1,328,397
Lake Cogeneration	Florida	54423	EU003			824,400	832,529	1,449,752	1,035,560
Lake Cogeneration	Florida	54423	EU004			825,586	841,160	1,434,984	1,033,910
Lansing Smith Generating Plant	Florida	643	1	5,438,185	5,244,910	5,674,753	3,601,787	4,369,862	5,452,616
Lansing Smith Generating Plant	Florida	643	2	6,580,241	6,954,991	5,225,937	3,639,674	5,471,413	6,335,548
Lansing Smith Generating Plant	Florida	643	4	3,873,343	3,730,627	3,746,841	5,341,002	5,396,917	4,870,420
Lansing Smith Generating Plant	Florida	643	5	3,775,397	3,262,540	3,624,808	5,282,405	4,738,196	4,598,666
Lansing Smith Generating Plant	Florida	643	AA			369	316	446	377
Lansing Smith Generating Plant	Florida	643	AB			378	345	16	246
Lauderdale	Florida	613	4GT1	5,283,965	2,365,898	4,590,833	4,135,213	4,209,314	4,694,704
Lauderdale	Florida	613	4GT2	5,176,675	2,449,202	4,881,421	4,746,250	3,512,665	4,934,782
Lauderdale	Florida	613	5GT1	5,269,691	4,821,484	4,911,670	5,111,754	5,072,662	5,151,369
Lauderdale	Florida	613	5GT2	5,349,547	4,976,337	4,800,796	5,045,308	5,104,868	5,166,574
Lauderdale	Florida	613	GFL01			1,622	35,083	30,365	22,357
Lauderdale	Florida	613	GFL02			1,621	34,053	54,721	30,132
Lauderdale	Florida	613	GFL03			4,086	35,159	56,540	31,928
Lauderdale	Florida	613	GFL04			1,454	26,311	57,573	28,446
Lauderdale	Florida	613	GFL05			3,798	31,532	56,385	30,572

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Intercession City	Florida	8049	3B	955,294,478	0.000025	28,071	27,268	1	1
Intercession City	Florida	8049	4A	955,294,478	0.000017	28,071	27,268	0	0
Intercession City	Florida	8049	4B	955,294,478	0.000017	28,071	27,268	0	0
Intercession City	Florida	8049	5A	955,294,478	0.000013	28,071	27,268	0	0
Intercession City	Florida	8049	5B	955,294,478	0.000014	28,071	27,268	0	0
Intercession City	Florida	8049	6A	955,294,478	0.000019	28,071	27,268	1	1
Intercession City	Florida	8049	6B	955,294,478	0.000019	28,071	27,268	1	1
J D Kennedy	Florida	666	7	955,294,478	0.000482	28,071	27,268	14	13
J D Kennedy	Florida	666	CT8	955,294,478	0.000559	28,071	27,268	16	15
J R Kelly	Florida	664	CC1	955,294,478	0.001391	28,071	27,268	39	38
Lake Cogeneration	Florida	54423	EU003	955,294,478	0.001084	28,071	27,268	30	30
Lake Cogeneration	Florida	54423	EU004	955,294,478	0.001082	28,071	27,268	30	30
Lansing Smith Generating Plant	Florida	643	1	955,294,478	0.005708	28,071	27,268	160	156
Lansing Smith Generating Plant	Florida	643	2	955,294,478	0.006632	28,071	27,268	186	181
Lansing Smith Generating Plant	Florida	643	4	955,294,478	0.005098	28,071	27,268	143	139
Lansing Smith Generating Plant	Florida	643	5	955,294,478	0.004814	28,071	27,268	135	131
Lansing Smith Generating Plant	Florida	643	AA	955,294,478	0.000000	28,071	27,268	0	0
Lansing Smith Generating Plant	Florida	643	AB	955,294,478	0.000000	28,071	27,268	0	0
Lauderdale	Florida	613	4GT1	955,294,478	0.004914	28,071	27,268	138	134
Lauderdale	Florida	613	4GT2	955,294,478	0.005166	28,071	27,268	145	141
Lauderdale	Florida	613	5GT1	955,294,478	0.005392	28,071	27,268	151	147
Lauderdale	Florida	613	5GT2	955,294,478	0.005408	28,071	27,268	152	147
Lauderdale	Florida	613	GFL01	955,294,478	0.000023	28,071	27,268	1	1
Lauderdale	Florida	613	GFL02	955,294,478	0.000032	28,071	27,268	1	1
Lauderdale	Florida	613	GFL03	955,294,478	0.000033	28,071	27,268	1	1
Lauderdale	Florida	613	GFL04	955,294,478	0.000030	28,071	27,268	1	1
Lauderdale	Florida	613	GFL05	955,294,478	0.000032	28,071	27,268	1	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Intercession City	Florida	8049	3B						15
Intercession City	Florida	8049	4A						6
Intercession City	Florida	8049	4B						6
Intercession City	Florida	8049	5A						6
Intercession City	Florida	8049	5B						5
Intercession City	Florida	8049	6A						9
Intercession City	Florida	8049	6B						9
J D Kennedy	Florida	666	7	37	7	61	9	7	5
J D Kennedy	Florida	666	CT8						
J R Kelly	Florida	664	CC1	15	13	10	16	20	11
Lake Cogeneration	Florida	54423	EU003						36
Lake Cogeneration	Florida	54423	EU004						36
Lansing Smith Generating Plant	Florida	643	1	1,045	1,294	1,406	1,259	1,305	1,389
Lansing Smith Generating Plant	Florida	643	2	1,154	1,243	1,225	1,266	1,335	1,034
Lansing Smith Generating Plant	Florida	643	4	58	63	51	65	68	70
Lansing Smith Generating Plant	Florida	643	5	42	57	61	61	68	64
Lansing Smith Generating Plant	Florida	643	AA						0
Lansing Smith Generating Plant	Florida	643	AB						0
Lauderdale	Florida	613	4GT1	295	289	286	280	120	238
Lauderdale	Florida	613	4GT2	298	271	292	288	143	274
Lauderdale	Florida	613	5GT1	333	295	275	288	290	271
Lauderdale	Florida	613	5GT2	309	288	281	301	300	272
Lauderdale	Florida	613	GFL01						0
Lauderdale	Florida	613	GFL02						0
Lauderdale	Florida	613	GFL03						1
Lauderdale	Florida	613	GFL04						0
Lauderdale	Florida	613	GFL05						1

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns BX - CE			
Intercession City	Florida	8049	3B	4	1	15			
Intercession City	Florida	8049	4A	6	3	6			
Intercession City	Florida	8049	4B	5	3	6			
Intercession City	Florida	8049	5A	1	7	7			
Intercession City	Florida	8049	5B	3	6	6			
Intercession City	Florida	8049	6A	6	2	9			
Intercession City	Florida	8049	6B	7	2	9			
J D Kennedy	Florida	666	7	3	5	61			
J D Kennedy	Florida	666	CT8	18	7	18			
J R Kelly	Florida	664	CC1	16	13	20			
Lake Cogeneration	Florida	54423	EU003	36	63	63			
Lake Cogeneration	Florida	54423	EU004	37	62	62			
Lansing Smith Generating Plant	Florida	643	1	556	626	1,406			
Lansing Smith Generating Plant	Florida	643	2	610	782	1,335			
Lansing Smith Generating Plant	Florida	643	4	86	99	99			
Lansing Smith Generating Plant	Florida	643	5	95	97	97			
Lansing Smith Generating Plant	Florida	643	AA	0	0	0			
Lansing Smith Generating Plant	Florida	643	AB	0	0	0			
Lauderdale	Florida	613	4GT1	222	215	295			
Lauderdale	Florida	613	4GT2	260	186	298			
Lauderdale	Florida	613	5GT1	300	265	333			
Lauderdale	Florida	613	5GT2	276	273	309			
Lauderdale	Florida	613	GFL01	8	7	8			
Lauderdale	Florida	613	GFL02	8	13	13			
Lauderdale	Florida	613	GFL03	8	14	14			
Lauderdale	Florida	613	GFL04	7	14	14			
Lauderdale	Florida	613	GFL05	8	14	14			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Intercession City	Florida	8049	3B				1	1
Intercession City	Florida	8049	4A				1	1
Intercession City	Florida	8049	4B				1	1
Intercession City	Florida	8049	5A				1	1
Intercession City	Florida	8049	5B				1	1
Intercession City	Florida	8049	6A				1	1
Intercession City	Florida	8049	6B				1	1
J D Kennedy	Florida	666	7				19	19
J D Kennedy	Florida	666	CT8				18	18
J R Kelly	Florida	664	CC1				20	20
Lake Cogeneration	Florida	54423	EU003				43	43
Lake Cogeneration	Florida	54423	EU004				43	43
Lansing Smith Generating Plant	Florida	643	1				226	226
Lansing Smith Generating Plant	Florida	643	2				263	263
Lansing Smith Generating Plant	Florida	643	4				99	99
Lansing Smith Generating Plant	Florida	643	5				97	97
Lansing Smith Generating Plant	Florida	643	AA				0	0
Lansing Smith Generating Plant	Florida	643	AB				0	0
Lauderdale	Florida	613	4GT1				195	195
Lauderdale	Florida	613	4GT2				205	205
Lauderdale	Florida	613	5GT1				214	214
Lauderdale	Florida	613	5GT2				215	215
Lauderdale	Florida	613	GFL01				1	1
Lauderdale	Florida	613	GFL02				1	1
Lauderdale	Florida	613	GFL03				1	1
Lauderdale	Florida	613	GFL04				1	1
Lauderdale	Florida	613	GFL05				1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Intercession City	Florida	8049	3B					
Intercession City	Florida	8049	4A					
Intercession City	Florida	8049	4B					
Intercession City	Florida	8049	5A					
Intercession City	Florida	8049	5B					
Intercession City	Florida	8049	6A					
Intercession City	Florida	8049	6B					
J D Kennedy	Florida	666	7					
J D Kennedy	Florida	666	CT8					
J R Kelly	Florida	664	CC1					
Lake Cogeneration	Florida	54423	EU003					
Lake Cogeneration	Florida	54423	EU004					
Lansing Smith Generating Plant	Florida	643	1					
Lansing Smith Generating Plant	Florida	643	2					
Lansing Smith Generating Plant	Florida	643	4					
Lansing Smith Generating Plant	Florida	643	5					
Lansing Smith Generating Plant	Florida	643	AA					
Lansing Smith Generating Plant	Florida	643	AB					
Lauderdale	Florida	613	4GT1					
Lauderdale	Florida	613	4GT2					
Lauderdale	Florida	613	5GT1					
Lauderdale	Florida	613	5GT2					
Lauderdale	Florida	613	GFL01					
Lauderdale	Florida	613	GFL02					
Lauderdale	Florida	613	GFL03					
Lauderdale	Florida	613	GFL04					
Lauderdale	Florida	613	GFL05					

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Intercession City	Florida	8049	3B			Y		
Intercession City	Florida	8049	4A			Y		
Intercession City	Florida	8049	4B			Y		
Intercession City	Florida	8049	5A			Y		
Intercession City	Florida	8049	5B			Y		
Intercession City	Florida	8049	6A			Y		
Intercession City	Florida	8049	6B			Y		
J D Kennedy	Florida	666	7			Y		
J D Kennedy	Florida	666	CT8			Y		
J R Kelly	Florida	664	CC1			Y		
Lake Cogeneration	Florida	54423	EU003			Y		
Lake Cogeneration	Florida	54423	EU004			Y		
Lansing Smith Generating Plant	Florida	643	1			Y		
Lansing Smith Generating Plant	Florida	643	2			Y		
Lansing Smith Generating Plant	Florida	643	4			Y		
Lansing Smith Generating Plant	Florida	643	5			Y		
Lansing Smith Generating Plant	Florida	643	AA			Y		
Lansing Smith Generating Plant	Florida	643	AB			Y		
Lauderdale	Florida	613	4GT1			Y		
Lauderdale	Florida	613	4GT2			Y		
Lauderdale	Florida	613	5GT1			Y		
Lauderdale	Florida	613	5GT2			Y		
Lauderdale	Florida	613	GFL01			Y		
Lauderdale	Florida	613	GFL02			Y		
Lauderdale	Florida	613	GFL03			Y		
Lauderdale	Florida	613	GFL04			Y		
Lauderdale	Florida	613	GFL05			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Lauderdale	Florida	613	GFL06	90162			6,629	48,702	68,687
Lauderdale	Florida	613	GFL07	90163			5,186	48,458	80,191
Lauderdale	Florida	613	GFL08	90164			6,474	49,784	89,081
Lauderdale	Florida	613	GFL09	90165			5,146	43,024	88,632
Lauderdale	Florida	613	GFL10	90166			6,992	48,143	94,467
Lauderdale	Florida	613	GFL11	90167			4,728	42,419	103,017
Lauderdale	Florida	613	GFL12	90168			10,305	52,719	63,110
Lauderdale	Florida	613	GFL13	90169			877	19,232	58,264
Lauderdale	Florida	613	GFL14	90170			467	21,943	62,669
Lauderdale	Florida	613	GFL15	90171			884	22,237	69,525
Lauderdale	Florida	613	GFL16	90172			1,238	19,742	38,760
Lauderdale	Florida	613	GFL17	90173			3,980	15,697	54,432
Lauderdale	Florida	613	GFL18	90174			1,776	17,495	64,766
Lauderdale	Florida	613	GFL19	90175			4,551	18,077	41,725
Lauderdale	Florida	613	GFL20	90176			741	22,189	57,300
Lauderdale	Florida	613	GFL21	90177			1,901	25,925	73,769
Lauderdale	Florida	613	GFL22	90178			536	22,524	35,401
Lauderdale	Florida	613	GFL23	90179			4,069	23,982	66,099
Lauderdale	Florida	613	GFL24	90180			1,083	21,824	37,234
Manatee	Florida	6042	MTCT3A	88110	12,503,690	11,945,512	11,882,637	12,343,569	10,176,112
Manatee	Florida	6042	MTCT3B	88111	12,800,543	12,204,361	11,717,633	12,187,003	11,823,712
Manatee	Florida	6042	MTCT3C	88112	12,604,773	11,706,201	12,325,291	12,566,125	10,799,918
Manatee	Florida	6042	MTCT3D	88113	12,529,782	12,650,310	12,395,336	12,803,683	10,100,962
Manatee	Florida	6042	PMT1	2706	21,147,724	18,712,105	15,641,889	17,156,121	13,229,222
Manatee	Florida	6042	PMT2	2707	16,291,434	16,562,914	16,450,387	13,012,434	15,923,302
Martin	Florida	6043	HRSG3A	2710	9,558,807	11,426,675	9,820,681	10,368,210	7,914,019
Martin	Florida	6043	HRSG3B	2711	9,887,416	11,430,448	9,598,042	10,209,150	9,971,132

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Lauderdale	Florida	613	GFL06	41,339	1,915,047,347	0.000022		
Lauderdale	Florida	613	GFL07	44,611	1,915,047,347	0.000023		
Lauderdale	Florida	613	GFL08	48,446	1,915,047,347	0.000025		
Lauderdale	Florida	613	GFL09	45,601	1,915,047,347	0.000024		
Lauderdale	Florida	613	GFL10	49,867	1,915,047,347	0.000026		
Lauderdale	Florida	613	GFL11	50,055	1,915,047,347	0.000026		
Lauderdale	Florida	613	GFL12	42,045	1,915,047,347	0.000022		
Lauderdale	Florida	613	GFL13	26,125	1,915,047,347	0.000014		
Lauderdale	Florida	613	GFL14	28,360	1,915,047,347	0.000015		
Lauderdale	Florida	613	GFL15	30,882	1,915,047,347	0.000016		
Lauderdale	Florida	613	GFL16	19,913	1,915,047,347	0.000010		
Lauderdale	Florida	613	GFL17	24,703	1,915,047,347	0.000013		
Lauderdale	Florida	613	GFL18	28,012	1,915,047,347	0.000015		
Lauderdale	Florida	613	GFL19	21,451	1,915,047,347	0.000011		
Lauderdale	Florida	613	GFL20	26,743	1,915,047,347	0.000014		
Lauderdale	Florida	613	GFL21	33,865	1,915,047,347	0.000018		
Lauderdale	Florida	613	GFL22	19,487	1,915,047,347	0.000010		
Lauderdale	Florida	613	GFL23	31,383	1,915,047,347	0.000016		
Lauderdale	Florida	613	GFL24	20,047	1,915,047,347	0.000010		
Manatee	Florida	6042	MTCT3A	12,264,257	1,915,047,347	0.006404		
Manatee	Florida	6042	MTCT3B	12,397,302	1,915,047,347	0.006474		
Manatee	Florida	6042	MTCT3C	12,498,730	1,915,047,347	0.006527		
Manatee	Florida	6042	MTCT3D	12,661,259	1,915,047,347	0.006611		
Manatee	Florida	6042	PMT1	19,005,317	1,915,047,347	0.009924		
Manatee	Florida	6042	PMT2	16,434,912	1,915,047,347	0.008582		
Martin	Florida	6043	HRSG3A	10,538,522	1,915,047,347	0.005503		
Martin	Florida	6043	HRSG3B	10,536,910	1,915,047,347	0.005502		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Lauderdale	Florida	613	GFL06						
Lauderdale	Florida	613	GFL07						
Lauderdale	Florida	613	GFL08						
Lauderdale	Florida	613	GFL09						
Lauderdale	Florida	613	GFL10						
Lauderdale	Florida	613	GFL11						
Lauderdale	Florida	613	GFL12						
Lauderdale	Florida	613	GFL13						
Lauderdale	Florida	613	GFL14						
Lauderdale	Florida	613	GFL15						
Lauderdale	Florida	613	GFL16						
Lauderdale	Florida	613	GFL17						
Lauderdale	Florida	613	GFL18						
Lauderdale	Florida	613	GFL19						
Lauderdale	Florida	613	GFL20						
Lauderdale	Florida	613	GFL21						
Lauderdale	Florida	613	GFL22						
Lauderdale	Florida	613	GFL23						
Lauderdale	Florida	613	GFL24						
Manatee	Florida	6042	MTCT3A						
Manatee	Florida	6042	MTCT3B						
Manatee	Florida	6042	MTCT3C						
Manatee	Florida	6042	MTCT3D						
Manatee	Florida	6042	PMT1						
Manatee	Florida	6042	PMT2						
Martin	Florida	6043	HRSG3A						
Martin	Florida	6043	HRSG3B						

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Lauderdale	Florida	613	GFL06						
Lauderdale	Florida	613	GFL07						
Lauderdale	Florida	613	GFL08						
Lauderdale	Florida	613	GFL09						
Lauderdale	Florida	613	GFL10						
Lauderdale	Florida	613	GFL11						
Lauderdale	Florida	613	GFL12						
Lauderdale	Florida	613	GFL13						
Lauderdale	Florida	613	GFL14						
Lauderdale	Florida	613	GFL15						
Lauderdale	Florida	613	GFL16						
Lauderdale	Florida	613	GFL17						
Lauderdale	Florida	613	GFL18						
Lauderdale	Florida	613	GFL19						
Lauderdale	Florida	613	GFL20						
Lauderdale	Florida	613	GFL21						
Lauderdale	Florida	613	GFL22						
Lauderdale	Florida	613	GFL23						
Lauderdale	Florida	613	GFL24						
Manatee	Florida	6042	MTCT3A			2	4	4	4
Manatee	Florida	6042	MTCT3B			2	4	4	4
Manatee	Florida	6042	MTCT3C			2	4	4	4
Manatee	Florida	6042	MTCT3D			2	4	4	4
Manatee	Florida	6042	PMT1	9,252	15,399	9,964	6,850	6,215	4,404
Manatee	Florida	6042	PMT2	17,980	10,882	16,549	6,492	5,584	4,286
Martin	Florida	6043	HRSG3A	3	3	3	3	3	3
Martin	Florida	6043	HRSG3B	3	4	4	3	3	3

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Lauderdale	Florida	613	GFL06	4	5	5			
Lauderdale	Florida	613	GFL07	4	12	12			
Lauderdale	Florida	613	GFL08	4	13	13			
Lauderdale	Florida	613	GFL09	4	12	12			
Lauderdale	Florida	613	GFL10	4	13	13			
Lauderdale	Florida	613	GFL11	3	14	14			
Lauderdale	Florida	613	GFL12	4	6	6			
Lauderdale	Florida	613	GFL13	3	11	11			
Lauderdale	Florida	613	GFL14	3	12	12			
Lauderdale	Florida	613	GFL15	3	14	14			
Lauderdale	Florida	613	GFL16	3	6	6			
Lauderdale	Florida	613	GFL17	2	11	11			
Lauderdale	Florida	613	GFL18	2	13	13			
Lauderdale	Florida	613	GFL19	2	8	8			
Lauderdale	Florida	613	GFL20	3	12	12			
Lauderdale	Florida	613	GFL21	3	14	14			
Lauderdale	Florida	613	GFL22	3	6	6			
Lauderdale	Florida	613	GFL23	3	14	14			
Lauderdale	Florida	613	GFL24	2	6	6			
Manatee	Florida	6042	MTCT3A	4	3	4			
Manatee	Florida	6042	MTCT3B	4	4	4			
Manatee	Florida	6042	MTCT3C	4	3	4			
Manatee	Florida	6042	MTCT3D	4	3	4			
Manatee	Florida	6042	PMT1	3,452	3,481	15,399			
Manatee	Florida	6042	PMT2	2,530	3,998	17,980			
Martin	Florida	6043	HRSG3A	3	2	3			
Martin	Florida	6043	HRSG3B	3	3	4			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Lauderdale	Florida	613	GFL06						
Lauderdale	Florida	613	GFL07						
Lauderdale	Florida	613	GFL08						
Lauderdale	Florida	613	GFL09						
Lauderdale	Florida	613	GFL10						
Lauderdale	Florida	613	GFL11						
Lauderdale	Florida	613	GFL12						
Lauderdale	Florida	613	GFL13						
Lauderdale	Florida	613	GFL14						
Lauderdale	Florida	613	GFL15						
Lauderdale	Florida	613	GFL16						
Lauderdale	Florida	613	GFL17						
Lauderdale	Florida	613	GFL18						
Lauderdale	Florida	613	GFL19						
Lauderdale	Florida	613	GFL20						
Lauderdale	Florida	613	GFL21						
Lauderdale	Florida	613	GFL22						
Lauderdale	Florida	613	GFL23						
Lauderdale	Florida	613	GFL24						
Manatee	Florida	6042	MTCT3A						35
Manatee	Florida	6042	MTCT3B						34
Manatee	Florida	6042	MTCT3C						33
Manatee	Florida	6042	MTCT3D						41
Manatee	Florida	6042	PMT1				2,306	4,108	2,604
Manatee	Florida	6042	PMT2				4,926	2,945	4,380
Martin	Florida	6043	HRSG3A				241	238	188
Martin	Florida	6043	HRSG3B				235	241	195

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Lauderdale	Florida	613	GFL06			1	12	17	17
Lauderdale	Florida	613	GFL07			1	12	22	22
Lauderdale	Florida	613	GFL08			1	12	25	25
Lauderdale	Florida	613	GFL09			1	11	24	24
Lauderdale	Florida	613	GFL10			2	12	26	26
Lauderdale	Florida	613	GFL11			1	10	28	28
Lauderdale	Florida	613	GFL12			2	13	16	16
Lauderdale	Florida	613	GFL13			0	5	17	17
Lauderdale	Florida	613	GFL14			0	6	19	19
Lauderdale	Florida	613	GFL15			0	6	21	21
Lauderdale	Florida	613	GFL16			0	6	11	11
Lauderdale	Florida	613	GFL17			1	4	16	16
Lauderdale	Florida	613	GFL18			0	5	20	20
Lauderdale	Florida	613	GFL19			1	5	13	13
Lauderdale	Florida	613	GFL20			0	6	18	18
Lauderdale	Florida	613	GFL21			0	7	22	22
Lauderdale	Florida	613	GFL22			0	6	10	10
Lauderdale	Florida	613	GFL23			1	6	20	20
Lauderdale	Florida	613	GFL24			0	6	11	11
Manatee	Florida	6042	MTCT3A	56	52	59	66	57	66
Manatee	Florida	6042	MTCT3B	58	57	62	65	62	65
Manatee	Florida	6042	MTCT3C	57	52	58	62	48	62
Manatee	Florida	6042	MTCT3D	69	59	63	62	58	69
Manatee	Florida	6042	PMT1	1,611	1,291	850	817	839	4,108
Manatee	Florida	6042	PMT2	1,898	1,497	999	763	1,094	4,926
Martin	Florida	6043	HRSG3A	148	191	189	194	161	241
Martin	Florida	6043	HRSG3B	148	232	213	201	168	241

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Lauderdale	Florida	613	GFL06						
Lauderdale	Florida	613	GFL07						
Lauderdale	Florida	613	GFL08						
Lauderdale	Florida	613	GFL09						
Lauderdale	Florida	613	GFL10						
Lauderdale	Florida	613	GFL11						
Lauderdale	Florida	613	GFL12						
Lauderdale	Florida	613	GFL13						
Lauderdale	Florida	613	GFL14						
Lauderdale	Florida	613	GFL15						
Lauderdale	Florida	613	GFL16						
Lauderdale	Florida	613	GFL17						
Lauderdale	Florida	613	GFL18						
Lauderdale	Florida	613	GFL19						
Lauderdale	Florida	613	GFL20						
Lauderdale	Florida	613	GFL21						
Lauderdale	Florida	613	GFL22						
Lauderdale	Florida	613	GFL23						
Lauderdale	Florida	613	GFL24						
Manatee	Florida	6042	MTCT3A						
Manatee	Florida	6042	MTCT3B						
Manatee	Florida	6042	MTCT3C						
Manatee	Florida	6042	MTCT3D						
Manatee	Florida	6042	PMT1						
Manatee	Florida	6042	PMT2						
Martin	Florida	6043	HRSG3A						
Martin	Florida	6043	HRSG3B						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Lauderdale	Florida	613	GFL06				
Lauderdale	Florida	613	GFL07				
Lauderdale	Florida	613	GFL08				
Lauderdale	Florida	613	GFL09				
Lauderdale	Florida	613	GFL10				
Lauderdale	Florida	613	GFL11				
Lauderdale	Florida	613	GFL12				
Lauderdale	Florida	613	GFL13				
Lauderdale	Florida	613	GFL14				
Lauderdale	Florida	613	GFL15				
Lauderdale	Florida	613	GFL16				
Lauderdale	Florida	613	GFL17				
Lauderdale	Florida	613	GFL18				
Lauderdale	Florida	613	GFL19				
Lauderdale	Florida	613	GFL20				
Lauderdale	Florida	613	GFL21				
Lauderdale	Florida	613	GFL22				
Lauderdale	Florida	613	GFL23				
Lauderdale	Florida	613	GFL24				
Manatee	Florida	6042	MTCT3A				
Manatee	Florida	6042	MTCT3B				
Manatee	Florida	6042	MTCT3C				
Manatee	Florida	6042	MTCT3D				
Manatee	Florida	6042	PMT1				
Manatee	Florida	6042	PMT2				
Martin	Florida	6043	HRSG3A				
Martin	Florida	6043	HRSG3B				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Lauderdale	Florida	613	GFL06				
Lauderdale	Florida	613	GFL07				
Lauderdale	Florida	613	GFL08				
Lauderdale	Florida	613	GFL09				
Lauderdale	Florida	613	GFL10				
Lauderdale	Florida	613	GFL11				
Lauderdale	Florida	613	GFL12				
Lauderdale	Florida	613	GFL13				
Lauderdale	Florida	613	GFL14				
Lauderdale	Florida	613	GFL15				
Lauderdale	Florida	613	GFL16				
Lauderdale	Florida	613	GFL17				
Lauderdale	Florida	613	GFL18				
Lauderdale	Florida	613	GFL19				
Lauderdale	Florida	613	GFL20				
Lauderdale	Florida	613	GFL21				
Lauderdale	Florida	613	GFL22				
Lauderdale	Florida	613	GFL23				
Lauderdale	Florida	613	GFL24				
Manatee	Florida	6042	MTCT3A				
Manatee	Florida	6042	MTCT3B				
Manatee	Florida	6042	MTCT3C				
Manatee	Florida	6042	MTCT3D				
Manatee	Florida	6042	PMT1				
Manatee	Florida	6042	PMT2				
Martin	Florida	6043	HRSG3A				
Martin	Florida	6043	HRSG3B				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Lauderdale	Florida	613	GFL06				
Lauderdale	Florida	613	GFL07				
Lauderdale	Florida	613	GFL08				
Lauderdale	Florida	613	GFL09				
Lauderdale	Florida	613	GFL10				
Lauderdale	Florida	613	GFL11				
Lauderdale	Florida	613	GFL12				
Lauderdale	Florida	613	GFL13				
Lauderdale	Florida	613	GFL14				
Lauderdale	Florida	613	GFL15				
Lauderdale	Florida	613	GFL16				
Lauderdale	Florida	613	GFL17				
Lauderdale	Florida	613	GFL18				
Lauderdale	Florida	613	GFL19				
Lauderdale	Florida	613	GFL20				
Lauderdale	Florida	613	GFL21				
Lauderdale	Florida	613	GFL22				
Lauderdale	Florida	613	GFL23				
Lauderdale	Florida	613	GFL24				
Manatee	Florida	6042	MTCT3A				
Manatee	Florida	6042	MTCT3B				
Manatee	Florida	6042	MTCT3C				
Manatee	Florida	6042	MTCT3D				
Manatee	Florida	6042	PMT1				
Manatee	Florida	6042	PMT2				
Martin	Florida	6043	HRSG3A				
Martin	Florida	6043	HRSG3B				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Lauderdale	Florida	613	GFL06			1,583	37,231	59,732	32,849
Lauderdale	Florida	613	GFL07			1,113	31,099	42,529	24,914
Lauderdale	Florida	613	GFL08			1,167	33,801	49,298	28,089
Lauderdale	Florida	613	GFL09			345	28,305	54,823	27,824
Lauderdale	Florida	613	GFL10			1,603	35,010	54,931	30,514
Lauderdale	Florida	613	GFL11			4,566	32,870	60,986	32,808
Lauderdale	Florida	613	GFL12			4,508	36,263	53,013	31,261
Lauderdale	Florida	613	GFL13			26	12,362	22,833	11,740
Lauderdale	Florida	613	GFL14			1	14,366	31,476	15,281
Lauderdale	Florida	613	GFL15			26	13,186	34,366	15,859
Lauderdale	Florida	613	GFL16			118	12,004	33,310	15,144
Lauderdale	Florida	613	GFL17			2,996	12,029	28,097	14,374
Lauderdale	Florida	613	GFL18			216	11,221	29,653	13,696
Lauderdale	Florida	613	GFL19			3,456	11,313	21,112	11,961
Lauderdale	Florida	613	GFL20			240	14,230	24,592	13,021
Lauderdale	Florida	613	GFL21			287	15,343	41,151	18,927
Lauderdale	Florida	613	GFL22			202	14,955	30,542	15,233
Lauderdale	Florida	613	GFL23			3,994	14,536	33,479	17,336
Lauderdale	Florida	613	GFL24			257	13,697	34,573	16,176
Manatee	Florida	6042	MTCT3A	5,527,338	5,417,724	4,762,647	5,723,444	5,348,003	5,556,169
Manatee	Florida	6042	MTCT3B	5,771,941	5,617,450	4,618,251	5,734,134	5,297,953	5,707,842
Manatee	Florida	6042	MTCT3C	5,738,255	5,352,017	4,897,064	5,751,165	5,401,304	5,630,242
Manatee	Florida	6042	MTCT3D	5,511,131	5,919,661	4,806,149	5,818,005	4,378,910	5,749,599
Manatee	Florida	6042	PMT1	12,334,980	13,722,586	11,143,932	12,436,804	10,462,018	12,831,457
Manatee	Florida	6042	PMT2	12,910,022	12,383,062	11,360,863	8,940,411	11,236,077	12,217,982
Martin	Florida	6043	HRSG3A	4,820,189	4,879,025	4,832,072	4,522,139	3,415,680	4,843,762
Martin	Florida	6043	HRSG3B	5,170,875	4,863,010	4,625,697	4,481,152	5,034,618	5,022,835

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Lauderdale	Florida	613	GFL06	955,294,478	0.000034	28,071	27,268	1	1
Lauderdale	Florida	613	GFL07	955,294,478	0.000026	28,071	27,268	1	1
Lauderdale	Florida	613	GFL08	955,294,478	0.000029	28,071	27,268	1	1
Lauderdale	Florida	613	GFL09	955,294,478	0.000029	28,071	27,268	1	1
Lauderdale	Florida	613	GFL10	955,294,478	0.000032	28,071	27,268	1	1
Lauderdale	Florida	613	GFL11	955,294,478	0.000034	28,071	27,268	1	1
Lauderdale	Florida	613	GFL12	955,294,478	0.000033	28,071	27,268	1	1
Lauderdale	Florida	613	GFL13	955,294,478	0.000012	28,071	27,268	0	0
Lauderdale	Florida	613	GFL14	955,294,478	0.000016	28,071	27,268	0	0
Lauderdale	Florida	613	GFL15	955,294,478	0.000017	28,071	27,268	0	0
Lauderdale	Florida	613	GFL16	955,294,478	0.000016	28,071	27,268	0	0
Lauderdale	Florida	613	GFL17	955,294,478	0.000015	28,071	27,268	0	0
Lauderdale	Florida	613	GFL18	955,294,478	0.000014	28,071	27,268	0	0
Lauderdale	Florida	613	GFL19	955,294,478	0.000013	28,071	27,268	0	0
Lauderdale	Florida	613	GFL20	955,294,478	0.000014	28,071	27,268	0	0
Lauderdale	Florida	613	GFL21	955,294,478	0.000020	28,071	27,268	1	1
Lauderdale	Florida	613	GFL22	955,294,478	0.000016	28,071	27,268	0	0
Lauderdale	Florida	613	GFL23	955,294,478	0.000018	28,071	27,268	1	0
Lauderdale	Florida	613	GFL24	955,294,478	0.000017	28,071	27,268	0	0
Manatee	Florida	6042	MTCT3A	955,294,478	0.005816	28,071	27,268	163	159
Manatee	Florida	6042	MTCT3B	955,294,478	0.005975	28,071	27,268	168	163
Manatee	Florida	6042	MTCT3C	955,294,478	0.005894	28,071	27,268	165	161
Manatee	Florida	6042	MTCT3D	955,294,478	0.006019	28,071	27,268	169	164
Manatee	Florida	6042	PMT1	955,294,478	0.013432	28,071	27,268	377	366
Manatee	Florida	6042	PMT2	955,294,478	0.012790	28,071	27,268	359	349
Martin	Florida	6043	HRSG3A	955,294,478	0.005070	28,071	27,268	142	138
Martin	Florida	6043	HRSG3B	955,294,478	0.005258	28,071	27,268	148	143

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Lauderdale	Florida	613	GFL06						0
Lauderdale	Florida	613	GFL07						0
Lauderdale	Florida	613	GFL08						0
Lauderdale	Florida	613	GFL09						0
Lauderdale	Florida	613	GFL10						0
Lauderdale	Florida	613	GFL11						1
Lauderdale	Florida	613	GFL12						1
Lauderdale	Florida	613	GFL13						0
Lauderdale	Florida	613	GFL14						
Lauderdale	Florida	613	GFL15						0
Lauderdale	Florida	613	GFL16						0
Lauderdale	Florida	613	GFL17						1
Lauderdale	Florida	613	GFL18						0
Lauderdale	Florida	613	GFL19						1
Lauderdale	Florida	613	GFL20						0
Lauderdale	Florida	613	GFL21						0
Lauderdale	Florida	613	GFL22						0
Lauderdale	Florida	613	GFL23						1
Lauderdale	Florida	613	GFL24						0
Manatee	Florida	6042	MTCT3A			21	24	23	23
Manatee	Florida	6042	MTCT3B			21	25	26	23
Manatee	Florida	6042	MTCT3C			20	25	23	23
Manatee	Florida	6042	MTCT3D			26	25	27	25
Manatee	Florida	6042	PMT1	1,058	2,013	1,674	857	965	577
Manatee	Florida	6042	PMT2	2,713	1,917	2,118	1,508	1,166	668
Martin	Florida	6043	HRSG3A	67	106	79	68	82	90
Martin	Florida	6043	HRSG3B	76	95	84	73	95	98

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Lauderdale	Florida	613	GFL06	9	14	14			
Lauderdale	Florida	613	GFL07	8	11	11			
Lauderdale	Florida	613	GFL08	8	12	12			
Lauderdale	Florida	613	GFL09	7	14	14			
Lauderdale	Florida	613	GFL10	9	14	14			
Lauderdale	Florida	613	GFL11	8	15	15			
Lauderdale	Florida	613	GFL12	9	13	13			
Lauderdale	Florida	613	GFL13	3	6	6			
Lauderdale	Florida	613	GFL14	4	9	9			
Lauderdale	Florida	613	GFL15	4	10	10			
Lauderdale	Florida	613	GFL16	3	9	9			
Lauderdale	Florida	613	GFL17	3	8	8			
Lauderdale	Florida	613	GFL18	3	8	8			
Lauderdale	Florida	613	GFL19	3	6	6			
Lauderdale	Florida	613	GFL20	4	7	7			
Lauderdale	Florida	613	GFL21	4	12	12			
Lauderdale	Florida	613	GFL22	4	9	9			
Lauderdale	Florida	613	GFL23	4	10	10			
Lauderdale	Florida	613	GFL24	3	10	10			
Manatee	Florida	6042	MTCT3A	28	27	28			
Manatee	Florida	6042	MTCT3B	28	28	28			
Manatee	Florida	6042	MTCT3C	26	24	26			
Manatee	Florida	6042	MTCT3D	27	23	27			
Manatee	Florida	6042	PMT1	575	656	2,013			
Manatee	Florida	6042	PMT2	534	788	2,713			
Martin	Florida	6043	HRSG3A	78	65	106			
Martin	Florida	6043	HRSG3B	82	82	98			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Lauderdale	Florida	613	GFL06				1	1
Lauderdale	Florida	613	GFL07				1	1
Lauderdale	Florida	613	GFL08				1	1
Lauderdale	Florida	613	GFL09				1	1
Lauderdale	Florida	613	GFL10				1	1
Lauderdale	Florida	613	GFL11				1	1
Lauderdale	Florida	613	GFL12				1	1
Lauderdale	Florida	613	GFL13				0	0
Lauderdale	Florida	613	GFL14				1	1
Lauderdale	Florida	613	GFL15				1	1
Lauderdale	Florida	613	GFL16				1	1
Lauderdale	Florida	613	GFL17				1	1
Lauderdale	Florida	613	GFL18				1	1
Lauderdale	Florida	613	GFL19				0	0
Lauderdale	Florida	613	GFL20				1	1
Lauderdale	Florida	613	GFL21				1	1
Lauderdale	Florida	613	GFL22				1	1
Lauderdale	Florida	613	GFL23				1	1
Lauderdale	Florida	613	GFL24				1	1
Manatee	Florida	6042	MTCT3A				28	28
Manatee	Florida	6042	MTCT3B				28	28
Manatee	Florida	6042	MTCT3C				26	26
Manatee	Florida	6042	MTCT3D				27	27
Manatee	Florida	6042	PMT1				533	533
Manatee	Florida	6042	PMT2				507	507
Martin	Florida	6043	HRSG3A				106	106
Martin	Florida	6043	HRSG3B				98	98

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Lauderdale	Florida	613	GFL06					
Lauderdale	Florida	613	GFL07					
Lauderdale	Florida	613	GFL08					
Lauderdale	Florida	613	GFL09					
Lauderdale	Florida	613	GFL10					
Lauderdale	Florida	613	GFL11					
Lauderdale	Florida	613	GFL12					
Lauderdale	Florida	613	GFL13					
Lauderdale	Florida	613	GFL14					
Lauderdale	Florida	613	GFL15					
Lauderdale	Florida	613	GFL16					
Lauderdale	Florida	613	GFL17					
Lauderdale	Florida	613	GFL18					
Lauderdale	Florida	613	GFL19					
Lauderdale	Florida	613	GFL20					
Lauderdale	Florida	613	GFL21					
Lauderdale	Florida	613	GFL22					
Lauderdale	Florida	613	GFL23					
Lauderdale	Florida	613	GFL24					
Manatee	Florida	6042	MTCT3A					
Manatee	Florida	6042	MTCT3B					
Manatee	Florida	6042	MTCT3C					
Manatee	Florida	6042	MTCT3D					
Manatee	Florida	6042	PMT1					
Manatee	Florida	6042	PMT2					
Martin	Florida	6043	HRSG3A					
Martin	Florida	6043	HRSG3B					

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Lauderdale	Florida	613	GFL06			Y		
Lauderdale	Florida	613	GFL07			Y		
Lauderdale	Florida	613	GFL08			Y		
Lauderdale	Florida	613	GFL09			Y		
Lauderdale	Florida	613	GFL10			Y		
Lauderdale	Florida	613	GFL11			Y		
Lauderdale	Florida	613	GFL12			Y		
Lauderdale	Florida	613	GFL13			Y		
Lauderdale	Florida	613	GFL14			Y		
Lauderdale	Florida	613	GFL15			Y		
Lauderdale	Florida	613	GFL16			Y		
Lauderdale	Florida	613	GFL17			Y		
Lauderdale	Florida	613	GFL18			Y		
Lauderdale	Florida	613	GFL19			Y		
Lauderdale	Florida	613	GFL20			Y		
Lauderdale	Florida	613	GFL21			Y		
Lauderdale	Florida	613	GFL22			Y		
Lauderdale	Florida	613	GFL23			Y		
Lauderdale	Florida	613	GFL24			Y		
Manatee	Florida	6042	MTCT3A			Y		
Manatee	Florida	6042	MTCT3B			Y		
Manatee	Florida	6042	MTCT3C			Y		
Manatee	Florida	6042	MTCT3D			Y		
Manatee	Florida	6042	PMT1			Y		
Manatee	Florida	6042	PMT2			Y		
Martin	Florida	6043	HRSG3A			Y		
Martin	Florida	6043	HRSG3B			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Martin	Florida	6043	HRSG4A	2712	11,412,350	11,476,634	8,624,924	10,389,523	10,003,720
Martin	Florida	6043	HRSG4B	2713	11,582,840	10,896,006	10,364,389	10,736,586	10,333,501
Martin	Florida	6043	PMR1	2714	26,780,286	21,223,878	17,586,745	23,812,111	22,488,911
Martin	Florida	6043	PMR2	2715	23,304,023	21,125,459	23,476,869	21,965,159	17,198,342
Martin	Florida	6043	PMR8A	2716	12,336,230	11,548,179	13,380,734	9,362,648	10,691,986
Martin	Florida	6043	PMR8B	2717	9,326,528	13,200,759	12,768,729	10,640,377	11,214,111
Martin	Florida	6043	PMR8C	88114	12,064,685	11,702,905	11,430,525	10,277,024	10,699,558
Martin	Florida	6043	PMR8D	88115	12,142,174	12,036,770	12,046,796	10,403,869	9,686,390
Midulla Generating Station	Florida	7380	1	8366	8,537,037	1,880,782	5,408,381	11,517,970	10,027,425
Midulla Generating Station	Florida	7380	2	8368	7,966,949	2,174,963	6,190,970	7,647,334	9,013,092
Midulla Generating Station	Florida	7380	4A	89703		333,702	104,372	437,898	388,840
Midulla Generating Station	Florida	7380	4B	89704		318,932	82,362	435,719	388,553
Midulla Generating Station	Florida	7380	5A	89705		298,170	29,566	461,061	333,551
Midulla Generating Station	Florida	7380	5B	89706		282,005	19,331	438,069	342,548
Midulla Generating Station	Florida	7380	6A	89707		324,054	101,058	482,982	337,922
Midulla Generating Station	Florida	7380	6B	89708		307,968	91,105	485,438	347,104
Midulla Generating Station	Florida	7380	7A	89709		363,978	58,644	446,364	362,174
Midulla Generating Station	Florida	7380	7B	89710		360,040	57,651	423,006	376,786
Midulla Generating Station	Florida	7380	8A	89711		264,279	59,653	469,545	426,424
Midulla Generating Station	Florida	7380	8B	89712		262,366	57,240	460,742	424,339
Mulberry Cogeneration Facility	Florida	54426	1	3772	3,554,671	3,614,944	3,496,848	3,529,366	3,447,931
Northside	Florida	667	1A	497	19,378,778	21,764,381	21,602,102	18,222,684	19,786,441
Northside	Florida	667	2A	499	21,378,141	19,943,615	17,332,630	18,438,274	20,122,701
Northside	Florida	667	3	500	10,749,626	7,861,993	10,897,238	12,212,427	8,717,376
Northside	Florida	667	GT3	90062			22,595	25,176	23,584
Northside	Florida	667	GT4	90063			18,316	19,769	23,405
Northside	Florida	667	GT5	90064			24,948	25,145	9,250

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Martin	Florida	6043	HRSG4A	11,092,836	1,915,047,347	0.005792		
Martin	Florida	6043	HRSG4B	11,071,811	1,915,047,347	0.005781		
Martin	Florida	6043	PMR1	24,360,436	1,915,047,347	0.012721		
Martin	Florida	6043	PMR2	22,915,351	1,915,047,347	0.011966		
Martin	Florida	6043	PMR8A	12,421,714	1,915,047,347	0.006486		
Martin	Florida	6043	PMR8B	12,394,533	1,915,047,347	0.006472		
Martin	Florida	6043	PMR8C	11,732,705	1,915,047,347	0.006127		
Martin	Florida	6043	PMR8D	12,075,247	1,915,047,347	0.006305		
Midulla Generating Station	Florida	7380	1	10,027,478	1,915,047,347	0.005236		
Midulla Generating Station	Florida	7380	2	8,209,125	1,915,047,347	0.004287		
Midulla Generating Station	Florida	7380	4A	386,813	1,915,047,347	0.000202		
Midulla Generating Station	Florida	7380	4B	381,068	1,915,047,347	0.000199		
Midulla Generating Station	Florida	7380	5A	364,261	1,915,047,347	0.000190		
Midulla Generating Station	Florida	7380	5B	354,207	1,915,047,347	0.000185		
Midulla Generating Station	Florida	7380	6A	381,653	1,915,047,347	0.000199		
Midulla Generating Station	Florida	7380	6B	380,170	1,915,047,347	0.000199		
Midulla Generating Station	Florida	7380	7A	390,839	1,915,047,347	0.000204		
Midulla Generating Station	Florida	7380	7B	386,611	1,915,047,347	0.000202		
Midulla Generating Station	Florida	7380	8A	386,749	1,915,047,347	0.000202		
Midulla Generating Station	Florida	7380	8B	382,482	1,915,047,347	0.000200		
Mulberry Cogeneration Facility	Florida	54426	1	3,566,327	1,915,047,347	0.001862		
Northside	Florida	667	1A	21,050,975	1,915,047,347	0.010992		
Northside	Florida	667	2A	20,481,486	1,915,047,347	0.010695		
Northside	Florida	667	3	11,286,430	1,915,047,347	0.005894		
Northside	Florida	667	GT3	23,785	1,915,047,347	0.000012		
Northside	Florida	667	GT4	20,497	1,915,047,347	0.000011		
Northside	Florida	667	GT5	19,781	1,915,047,347	0.000010		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Martin	Florida	6043	HRSG4A						
Martin	Florida	6043	HRSG4B						
Martin	Florida	6043	PMR1						
Martin	Florida	6043	PMR2						
Martin	Florida	6043	PMR8A						
Martin	Florida	6043	PMR8B						
Martin	Florida	6043	PMR8C						
Martin	Florida	6043	PMR8D						
Midulla Generating Station	Florida	7380	1						
Midulla Generating Station	Florida	7380	2						
Midulla Generating Station	Florida	7380	4A						
Midulla Generating Station	Florida	7380	4B						
Midulla Generating Station	Florida	7380	5A						
Midulla Generating Station	Florida	7380	5B						
Midulla Generating Station	Florida	7380	6A						
Midulla Generating Station	Florida	7380	6B						
Midulla Generating Station	Florida	7380	7A						
Midulla Generating Station	Florida	7380	7B						
Midulla Generating Station	Florida	7380	8A						
Midulla Generating Station	Florida	7380	8B						
Mulberry Cogeneration Facility	Florida	54426	1						
Northside	Florida	667	1A						
Northside	Florida	667	2A						
Northside	Florida	667	3						
Northside	Florida	667	GT3						
Northside	Florida	667	GT4						
Northside	Florida	667	GT5						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Martin	Florida	6043	HRSG4A	3	4	3	3	3	3
Martin	Florida	6043	HRSG4B	3	4	3	3	3	3
Martin	Florida	6043	PMR1	8,745	9,478	7,641	6,300	4,968	3,599
Martin	Florida	6043	PMR2	8,278	9,909	10,185	5,656	5,576	4,537
Martin	Florida	6043	PMR8A	11	5	4	4	3	4
Martin	Florida	6043	PMR8B	18	5	4	3	4	4
Martin	Florida	6043	PMR8C			4	4	4	4
Martin	Florida	6043	PMR8D			5	4	4	4
Midulla Generating Station	Florida	7380	1	4	3	4	3	1	2
Midulla Generating Station	Florida	7380	2	5	2	3	2	1	5
Midulla Generating Station	Florida	7380	4A					0	0
Midulla Generating Station	Florida	7380	4B					0	0
Midulla Generating Station	Florida	7380	5A					0	2
Midulla Generating Station	Florida	7380	5B					0	0
Midulla Generating Station	Florida	7380	6A					0	2
Midulla Generating Station	Florida	7380	6B					0	2
Midulla Generating Station	Florida	7380	7A					0	1
Midulla Generating Station	Florida	7380	7B					0	3
Midulla Generating Station	Florida	7380	8A					0	2
Midulla Generating Station	Florida	7380	8B					0	2
Mulberry Cogeneration Facility	Florida	54426	1	1	1	1	1	1	1
Northside	Florida	667	1A	1,085	1,294	1,441	1,435	1,511	1,565
Northside	Florida	667	2A	1,132	1,096	1,573	1,598	1,412	1,325
Northside	Florida	667	3	8,852	8,334	7,293	4,158	1,293	650
Northside	Florida	667	GT3						
Northside	Florida	667	GT4						
Northside	Florida	667	GT5						

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Martin	Florida	6043	HRSG4A	3	3	4			
Martin	Florida	6043	HRSG4B	3	3	4			
Martin	Florida	6043	PMR1	3,193	2,938	9,478			
Martin	Florida	6043	PMR2	3,284	2,330	10,185			
Martin	Florida	6043	PMR8A	3	4	11			
Martin	Florida	6043	PMR8B	3	4	18			
Martin	Florida	6043	PMR8C	3	4	4			
Martin	Florida	6043	PMR8D	3	3	5			
Midulla Generating Station	Florida	7380	1	4	3	4			
Midulla Generating Station	Florida	7380	2	2	3	5			
Midulla Generating Station	Florida	7380	4A	0	1	1			
Midulla Generating Station	Florida	7380	4B	0	1	1			
Midulla Generating Station	Florida	7380	5A	4	0	4			
Midulla Generating Station	Florida	7380	5B	4	0	4			
Midulla Generating Station	Florida	7380	6A	1	0	2			
Midulla Generating Station	Florida	7380	6B	1	0	2			
Midulla Generating Station	Florida	7380	7A	1	0	1			
Midulla Generating Station	Florida	7380	7B	1	1	3			
Midulla Generating Station	Florida	7380	8A	1	1	2			
Midulla Generating Station	Florida	7380	8B	1	1	2			
Mulberry Cogeneration Facility	Florida	54426	1	1	1	1			
Northside	Florida	667	1A	1,397	1,585	1,585			
Northside	Florida	667	2A	1,388	1,608	1,608			
Northside	Florida	667	3	377	912	8,852			
Northside	Florida	667	GT3	1	0	1			
Northside	Florida	667	GT4	1	0	1			
Northside	Florida	667	GT5	1	0	1			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Martin	Florida	6043	HRSG4A				193	218	139
Martin	Florida	6043	HRSG4B				179	207	155
Martin	Florida	6043	PMR1				3,317	3,293	2,555
Martin	Florida	6043	PMR2				3,036	3,497	3,383
Martin	Florida	6043	PMR8A				72	49	76
Martin	Florida	6043	PMR8B				92	47	67
Martin	Florida	6043	PMR8C						46
Martin	Florida	6043	PMR8D						33
Midulla Generating Station	Florida	7380	1				139	119	83
Midulla Generating Station	Florida	7380	2				149	127	147
Midulla Generating Station	Florida	7380	4A						
Midulla Generating Station	Florida	7380	4B						
Midulla Generating Station	Florida	7380	5A						
Midulla Generating Station	Florida	7380	5B						
Midulla Generating Station	Florida	7380	6A						
Midulla Generating Station	Florida	7380	6B						
Midulla Generating Station	Florida	7380	7A						
Midulla Generating Station	Florida	7380	7B						
Midulla Generating Station	Florida	7380	8A						
Midulla Generating Station	Florida	7380	8B						
Mulberry Cogeneration Facility	Florida	54426	1				46	47	53
Northside	Florida	667	1A				497	616	732
Northside	Florida	667	2A				526	493	672
Northside	Florida	667	3				2,462	2,219	2,073
Northside	Florida	667	GT3						
Northside	Florida	667	GT4						
Northside	Florida	667	GT5						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Martin	Florida	6043	HRSG4A	188	246	164	173	179	246
Martin	Florida	6043	HRSG4B	185	184	184	204	185	207
Martin	Florida	6043	PMR1	2,331	1,906	1,463	1,763	1,676	3,317
Martin	Florida	6043	PMR2	2,249	2,074	2,198	1,883	1,455	3,497
Martin	Florida	6043	PMR8A	52	50	56	37	51	76
Martin	Florida	6043	PMR8B	38	54	51	46	56	92
Martin	Florida	6043	PMR8C	52	55	58	51	44	58
Martin	Florida	6043	PMR8D	50	50	55	50	56	56
Midulla Generating Station	Florida	7380	1	131	31	78	150	143	150
Midulla Generating Station	Florida	7380	2	129	34	101	110	134	149
Midulla Generating Station	Florida	7380	4A		12	4	17	19	19
Midulla Generating Station	Florida	7380	4B		12	3	17	20	20
Midulla Generating Station	Florida	7380	5A		10	1	16	15	16
Midulla Generating Station	Florida	7380	5B		10	1	16	16	16
Midulla Generating Station	Florida	7380	6A		12	4	19	18	19
Midulla Generating Station	Florida	7380	6B		11	4	20	18	20
Midulla Generating Station	Florida	7380	7A		13	2	18	16	18
Midulla Generating Station	Florida	7380	7B		13	2	17	18	18
Midulla Generating Station	Florida	7380	8A		11	2	16	18	18
Midulla Generating Station	Florida	7380	8B		11	2	17	20	20
Mulberry Cogeneration Facility	Florida	54426	1	58	69	61	55	58	69
Northside	Florida	667	1A	710	725	819	810	704	819
Northside	Florida	667	2A	782	719	701	806	903	903
Northside	Florida	667	3	1,361	777	704	896	783	2,462
Northside	Florida	667	GT3			6	6	6	6
Northside	Florida	667	GT4			5	5	6	6
Northside	Florida	667	GT5			6	6	2	6

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Martin	Florida	6043	HRSG4A						
Martin	Florida	6043	HRSG4B						
Martin	Florida	6043	PMR1						
Martin	Florida	6043	PMR2						
Martin	Florida	6043	PMR8A						
Martin	Florida	6043	PMR8B						
Martin	Florida	6043	PMR8C						
Martin	Florida	6043	PMR8D						
Midulla Generating Station	Florida	7380	1						
Midulla Generating Station	Florida	7380	2						
Midulla Generating Station	Florida	7380	4A						
Midulla Generating Station	Florida	7380	4B						
Midulla Generating Station	Florida	7380	5A						
Midulla Generating Station	Florida	7380	5B						
Midulla Generating Station	Florida	7380	6A						
Midulla Generating Station	Florida	7380	6B						
Midulla Generating Station	Florida	7380	7A						
Midulla Generating Station	Florida	7380	7B						
Midulla Generating Station	Florida	7380	8A						
Midulla Generating Station	Florida	7380	8B						
Mulberry Cogeneration Facility	Florida	54426	1						
Northside	Florida	667	1A						
Northside	Florida	667	2A						
Northside	Florida	667	3						
Northside	Florida	667	GT3						
Northside	Florida	667	GT4						
Northside	Florida	667	GT5						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Martin	Florida	6043	HRSG4A				
Martin	Florida	6043	HRSG4B				
Martin	Florida	6043	PMR1				
Martin	Florida	6043	PMR2				
Martin	Florida	6043	PMR8A				
Martin	Florida	6043	PMR8B				
Martin	Florida	6043	PMR8C				
Martin	Florida	6043	PMR8D				
Midulla Generating Station	Florida	7380	1				
Midulla Generating Station	Florida	7380	2				
Midulla Generating Station	Florida	7380	4A				
Midulla Generating Station	Florida	7380	4B				
Midulla Generating Station	Florida	7380	5A				
Midulla Generating Station	Florida	7380	5B				
Midulla Generating Station	Florida	7380	6A				
Midulla Generating Station	Florida	7380	6B				
Midulla Generating Station	Florida	7380	7A				
Midulla Generating Station	Florida	7380	7B				
Midulla Generating Station	Florida	7380	8A				
Midulla Generating Station	Florida	7380	8B				
Mulberry Cogeneration Facility	Florida	54426	1				
Northside	Florida	667	1A				
Northside	Florida	667	2A				
Northside	Florida	667	3				
Northside	Florida	667	GT3				
Northside	Florida	667	GT4				
Northside	Florida	667	GT5				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Martin	Florida	6043	HRSG4A				
Martin	Florida	6043	HRSG4B				
Martin	Florida	6043	PMR1				
Martin	Florida	6043	PMR2				
Martin	Florida	6043	PMR8A				
Martin	Florida	6043	PMR8B				
Martin	Florida	6043	PMR8C				
Martin	Florida	6043	PMR8D				
Midulla Generating Station	Florida	7380	1				
Midulla Generating Station	Florida	7380	2				
Midulla Generating Station	Florida	7380	4A				
Midulla Generating Station	Florida	7380	4B				
Midulla Generating Station	Florida	7380	5A				
Midulla Generating Station	Florida	7380	5B				
Midulla Generating Station	Florida	7380	6A				
Midulla Generating Station	Florida	7380	6B				
Midulla Generating Station	Florida	7380	7A				
Midulla Generating Station	Florida	7380	7B				
Midulla Generating Station	Florida	7380	8A				
Midulla Generating Station	Florida	7380	8B				
Mulberry Cogeneration Facility	Florida	54426	1				
Northside	Florida	667	1A				
Northside	Florida	667	2A				
Northside	Florida	667	3				
Northside	Florida	667	GT3				
Northside	Florida	667	GT4				
Northside	Florida	667	GT5				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reappportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)
Martin	Florida	6043	HRSG4A				
Martin	Florida	6043	HRSG4B				
Martin	Florida	6043	PMR1				
Martin	Florida	6043	PMR2				
Martin	Florida	6043	PMR8A				
Martin	Florida	6043	PMR8B				
Martin	Florida	6043	PMR8C				
Martin	Florida	6043	PMR8D				
Midulla Generating Station	Florida	7380	1				
Midulla Generating Station	Florida	7380	2				
Midulla Generating Station	Florida	7380	4A				
Midulla Generating Station	Florida	7380	4B				
Midulla Generating Station	Florida	7380	5A				
Midulla Generating Station	Florida	7380	5B				
Midulla Generating Station	Florida	7380	6A				
Midulla Generating Station	Florida	7380	6B				
Midulla Generating Station	Florida	7380	7A				
Midulla Generating Station	Florida	7380	7B				
Midulla Generating Station	Florida	7380	8A				
Midulla Generating Station	Florida	7380	8B				
Mulberry Cogeneration Facility	Florida	54426	1				
Northside	Florida	667	1A				
Northside	Florida	667	2A				
Northside	Florida	667	3				
Northside	Florida	667	GT3				
Northside	Florida	667	GT4				
Northside	Florida	667	GT5				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Martin	Florida	6043	HRSG4A	4,835,973	4,878,740	4,552,713	5,076,539	4,768,634	4,930,418
Martin	Florida	6043	HRSG4B	5,014,085	5,246,063	5,207,386	5,296,119	4,600,309	5,249,856
Martin	Florida	6043	PMR1	14,864,006	12,168,141	13,057,916	14,357,758	13,123,238	14,115,001
Martin	Florida	6043	PMR2	15,060,563	15,693,770	12,482,849	13,514,041	11,748,348	14,756,125
Martin	Florida	6043	PMR8A	5,884,011	5,906,558	5,518,806	4,649,813	4,943,133	5,769,792
Martin	Florida	6043	PMR8B	4,281,345	5,820,406	5,400,643	5,113,243	5,290,450	5,503,833
Martin	Florida	6043	PMR8C	5,891,908	5,831,843	4,759,011	5,550,244	5,247,267	5,757,998
Martin	Florida	6043	PMR8D	5,904,573	5,816,218	4,981,146	5,813,551	4,687,037	5,844,781
Midulla Generating Station	Florida	7380	1	3,736,899	768,369	2,865,173	4,720,097	4,124,914	4,193,970
Midulla Generating Station	Florida	7380	2	3,547,309	742,713	3,049,517	2,594,663	4,031,784	3,542,870
Midulla Generating Station	Florida	7380	4A		249,227	59,502	253,523	225,124	242,625
Midulla Generating Station	Florida	7380	4B		235,382	40,705	249,822	224,559	236,588
Midulla Generating Station	Florida	7380	5A		219,881	14,670	321,505	235,959	259,115
Midulla Generating Station	Florida	7380	5B		202,637	505	307,663	235,350	248,550
Midulla Generating Station	Florida	7380	6A		212,951	62,732	325,474	230,946	256,457
Midulla Generating Station	Florida	7380	6B		203,453	56,258	331,872	235,620	256,982
Midulla Generating Station	Florida	7380	7A		249,865	30,715	255,335	256,259	253,820
Midulla Generating Station	Florida	7380	7B		240,391	26,191	251,484	271,876	254,583
Midulla Generating Station	Florida	7380	8A		154,015	42,210	307,940	249,596	237,184
Midulla Generating Station	Florida	7380	8B		154,044	41,789	305,457	248,156	235,885
Mulberry Cogeneration Facility	Florida	54426	1	1,744,517	1,664,327	1,590,401	1,644,459	1,679,325	1,696,056
Northside	Florida	667	1A	8,363,906	10,554,188	9,249,239	10,153,407	10,618,624	10,442,073
Northside	Florida	667	2A	10,101,496	8,198,864	6,896,609	9,919,565	10,066,111	10,029,057
Northside	Florida	667	3	6,328,052	5,473,109	7,058,753	7,815,080	5,481,828	7,067,295
Northside	Florida	667	GT3			3,153	20,339	8,126	10,540
Northside	Florida	667	GT4			2,747	13,279	8,911	8,312
Northside	Florida	667	GT5			7,579	10,636		9,107

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Martin	Florida	6043	HRSG4A	955,294,478	0.005161	28,071	27,268	145	141
Martin	Florida	6043	HRSG4B	955,294,478	0.005496	28,071	27,268	154	150
Martin	Florida	6043	PMR1	955,294,478	0.014776	28,071	27,268	415	403
Martin	Florida	6043	PMR2	955,294,478	0.015447	28,071	27,268	434	421
Martin	Florida	6043	PMR8A	955,294,478	0.006040	28,071	27,268	170	165
Martin	Florida	6043	PMR8B	955,294,478	0.005761	28,071	27,268	162	157
Martin	Florida	6043	PMR8C	955,294,478	0.006027	28,071	27,268	169	164
Martin	Florida	6043	PMR8D	955,294,478	0.006118	28,071	27,268	172	167
Midulla Generating Station	Florida	7380	1	955,294,478	0.004390	28,071	27,268	123	120
Midulla Generating Station	Florida	7380	2	955,294,478	0.003709	28,071	27,268	104	101
Midulla Generating Station	Florida	7380	4A	955,294,478	0.000254	28,071	27,268	7	7
Midulla Generating Station	Florida	7380	4B	955,294,478	0.000248	28,071	27,268	7	7
Midulla Generating Station	Florida	7380	5A	955,294,478	0.000271	28,071	27,268	8	7
Midulla Generating Station	Florida	7380	5B	955,294,478	0.000260	28,071	27,268	7	7
Midulla Generating Station	Florida	7380	6A	955,294,478	0.000268	28,071	27,268	8	7
Midulla Generating Station	Florida	7380	6B	955,294,478	0.000269	28,071	27,268	8	7
Midulla Generating Station	Florida	7380	7A	955,294,478	0.000266	28,071	27,268	7	7
Midulla Generating Station	Florida	7380	7B	955,294,478	0.000266	28,071	27,268	7	7
Midulla Generating Station	Florida	7380	8A	955,294,478	0.000248	28,071	27,268	7	7
Midulla Generating Station	Florida	7380	8B	955,294,478	0.000247	28,071	27,268	7	7
Mulberry Cogeneration Facility	Florida	54426	1	955,294,478	0.001775	28,071	27,268	50	48
Northside	Florida	667	1A	955,294,478	0.010931	28,071	27,268	307	298
Northside	Florida	667	2A	955,294,478	0.010498	28,071	27,268	295	286
Northside	Florida	667	3	955,294,478	0.007398	28,071	27,268	208	202
Northside	Florida	667	GT3	955,294,478	0.000011	28,071	27,268	0	0
Northside	Florida	667	GT4	955,294,478	0.000009	28,071	27,268	0	0
Northside	Florida	667	GT5	955,294,478	0.000010	28,071	27,268	0	0

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Martin	Florida	6043	HRSG4A	67	88	71	75	103	75
Martin	Florida	6043	HRSG4B	83	93	78	76	82	88
Martin	Florida	6043	PMR1	1,897	1,794	1,634	1,275	1,119	1,102
Martin	Florida	6043	PMR2	1,645	1,797	1,707	1,435	1,506	1,215
Martin	Florida	6043	PMR8A	42	26	25	23	25	23
Martin	Florida	6043	PMR8B	52	25	23	16	25	21
Martin	Florida	6043	PMR8C			33	23	24	20
Martin	Florida	6043	PMR8D			20	23	21	20
Midulla Generating Station	Florida	7380	1	66	65	56	58	13	42
Midulla Generating Station	Florida	7380	2	65	68	78	57	12	51
Midulla Generating Station	Florida	7380	4A					9	2
Midulla Generating Station	Florida	7380	4B					9	2
Midulla Generating Station	Florida	7380	5A					8	1
Midulla Generating Station	Florida	7380	5B					7	0
Midulla Generating Station	Florida	7380	6A					8	2
Midulla Generating Station	Florida	7380	6B					7	2
Midulla Generating Station	Florida	7380	7A					9	1
Midulla Generating Station	Florida	7380	7B					9	1
Midulla Generating Station	Florida	7380	8A					6	2
Midulla Generating Station	Florida	7380	8B					7	2
Mulberry Cogeneration Facility	Florida	54426	1	18	17	22	27	29	24
Northside	Florida	667	1A	210	243	294	306	344	388
Northside	Florida	667	2A	233	256	311	362	304	276
Northside	Florida	667	3	1,202	1,217	1,494	796	515	481
Northside	Florida	667	GT3						1
Northside	Florida	667	GT4						1
Northside	Florida	667	GT5						2

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Martin	Florida	6043	HRSG4A	83	82	103			
Martin	Florida	6043	HRSG4B	103	78	103			
Martin	Florida	6043	PMR1	1,090	1,037	1,897			
Martin	Florida	6043	PMR2	1,156	1,048	1,797			
Martin	Florida	6043	PMR8A	17	21	42			
Martin	Florida	6043	PMR8B	22	24	52			
Martin	Florida	6043	PMR8C	23	21	33			
Martin	Florida	6043	PMR8D	22	26	26			
Midulla Generating Station	Florida	7380	1	61	61	66			
Midulla Generating Station	Florida	7380	2	37	61	78			
Midulla Generating Station	Florida	7380	4A	10	11	11			
Midulla Generating Station	Florida	7380	4B	10	10	10			
Midulla Generating Station	Florida	7380	5A	11	11	11			
Midulla Generating Station	Florida	7380	5B	11	11	11			
Midulla Generating Station	Florida	7380	6A	13	13	13			
Midulla Generating Station	Florida	7380	6B	13	13	13			
Midulla Generating Station	Florida	7380	7A	10	9	10			
Midulla Generating Station	Florida	7380	7B	10	11	11			
Midulla Generating Station	Florida	7380	8A	10	10	10			
Midulla Generating Station	Florida	7380	8B	11	12	12			
Mulberry Cogeneration Facility	Florida	54426	1	22	26	29			
Northside	Florida	667	1A	452	350	452			
Northside	Florida	667	2A	436	448	448			
Northside	Florida	667	3	554	466	1,494			
Northside	Florida	667	GT3	5	2	5			
Northside	Florida	667	GT4	3	2	3			
Northside	Florida	667	GT5	2		2			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Martin	Florida	6043	HRSG4A				103	103
Martin	Florida	6043	HRSG4B				103	103
Martin	Florida	6043	PMR1				586	586
Martin	Florida	6043	PMR2				613	613
Martin	Florida	6043	PMR8A				42	42
Martin	Florida	6043	PMR8B				52	52
Martin	Florida	6043	PMR8C				33	33
Martin	Florida	6043	PMR8D				26	26
Midulla Generating Station	Florida	7380	1				66	66
Midulla Generating Station	Florida	7380	2				78	78
Midulla Generating Station	Florida	7380	4A				10	10
Midulla Generating Station	Florida	7380	4B				10	10
Midulla Generating Station	Florida	7380	5A				11	11
Midulla Generating Station	Florida	7380	5B				10	10
Midulla Generating Station	Florida	7380	6A				11	11
Midulla Generating Station	Florida	7380	6B				11	11
Midulla Generating Station	Florida	7380	7A				10	10
Midulla Generating Station	Florida	7380	7B				11	11
Midulla Generating Station	Florida	7380	8A				10	10
Midulla Generating Station	Florida	7380	8B				10	10
Mulberry Cogeneration Facility	Florida	54426	1				29	29
Northside	Florida	667	1A				434	434
Northside	Florida	667	2A				416	416
Northside	Florida	667	3				293	293
Northside	Florida	667	GT3				0	0
Northside	Florida	667	GT4				0	0
Northside	Florida	667	GT5				0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Martin	Florida	6043	HRSG4A					
Martin	Florida	6043	HRSG4B					
Martin	Florida	6043	PMR1					
Martin	Florida	6043	PMR2					
Martin	Florida	6043	PMR8A					
Martin	Florida	6043	PMR8B					
Martin	Florida	6043	PMR8C					
Martin	Florida	6043	PMR8D					
Midulla Generating Station	Florida	7380	1					
Midulla Generating Station	Florida	7380	2					
Midulla Generating Station	Florida	7380	4A					
Midulla Generating Station	Florida	7380	4B					
Midulla Generating Station	Florida	7380	5A					
Midulla Generating Station	Florida	7380	5B					
Midulla Generating Station	Florida	7380	6A					
Midulla Generating Station	Florida	7380	6B					
Midulla Generating Station	Florida	7380	7A					
Midulla Generating Station	Florida	7380	7B					
Midulla Generating Station	Florida	7380	8A					
Midulla Generating Station	Florida	7380	8B					
Mulberry Cogeneration Facility	Florida	54426	1					
Northside	Florida	667	1A					
Northside	Florida	667	2A					
Northside	Florida	667	3					
Northside	Florida	667	GT3					
Northside	Florida	667	GT4					
Northside	Florida	667	GT5					

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Martin	Florida	6043	HRSG4A			Y		
Martin	Florida	6043	HRSG4B			Y		
Martin	Florida	6043	PMR1			Y		
Martin	Florida	6043	PMR2			Y		
Martin	Florida	6043	PMR8A			Y		
Martin	Florida	6043	PMR8B			Y		
Martin	Florida	6043	PMR8C			Y		
Martin	Florida	6043	PMR8D			Y		
Midulla Generating Station	Florida	7380	1			Y		
Midulla Generating Station	Florida	7380	2			Y		
Midulla Generating Station	Florida	7380	4A			Y		
Midulla Generating Station	Florida	7380	4B			Y		
Midulla Generating Station	Florida	7380	5A			Y		
Midulla Generating Station	Florida	7380	5B			Y		
Midulla Generating Station	Florida	7380	6A			Y		
Midulla Generating Station	Florida	7380	6B			Y		
Midulla Generating Station	Florida	7380	7A			Y		
Midulla Generating Station	Florida	7380	7B			Y		
Midulla Generating Station	Florida	7380	8A			Y		
Midulla Generating Station	Florida	7380	8B			Y		
Mulberry Cogeneration Facility	Florida	54426	1			Y		
Northside	Florida	667	1A			Y		
Northside	Florida	667	2A			Y		
Northside	Florida	667	3			Y		
Northside	Florida	667	GT3			Y		
Northside	Florida	667	GT4			Y		
Northside	Florida	667	GT5			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Northside	Florida	667	GT6	90065			39,657	44,755	22,509
Oleander Power Project	Florida	55286	O-1	4446	1,354,258	1,010,996	627,216	1,526,361	2,541,567
Oleander Power Project	Florida	55286	O-2	4447	660,952	1,858,277	870,206	1,249,557	1,005,199
Oleander Power Project	Florida	55286	O-3	4448	1,040,805	1,768,853	655,067	1,356,566	1,220,343
Oleander Power Project	Florida	55286	O-4	4449	1,448,406	1,408,730	511,294	1,140,021	1,173,943
Oleander Power Project	Florida	55286	O-5	4450			848,714	370,084	242,224
Orange Cogeneration Facility	Florida	54365	1	3762	1,689,238	1,676,408	1,603,357	1,313,901	1,291,690
Orange Cogeneration Facility	Florida	54365	2	3763	1,645,761	1,538,942	1,482,669	1,251,089	1,242,900
Orlando CoGen	Florida	54466	1	3773	7,740,316	7,703,977	5,526,600	7,450,639	7,222,331
Osceola	Florida	55192	OSC1	8462	1,759,450	1,693,789	747,191	130,434	1,077,184
Osceola	Florida	55192	OSC2	8464	1,857,612	1,475,975	1,187,623	1,873,846	1,069,872
Osceola	Florida	55192	OSC3	8466	2,032,977	176,628	457,394	1,439,505	1,185,583
Osprey Energy Center	Florida	55412	CT1	8548	7,246,926	8,139,712	8,239,911	8,644,408	7,957,933
Osprey Energy Center	Florida	55412	CT2	8550	8,003,913	8,748,611	7,218,045	9,596,459	8,133,144
P L Bartow	Florida	634	4A	90418				7,220,666	12,964,360
P L Bartow	Florida	634	4B	90416				6,648,090	12,246,145
P L Bartow	Florida	634	4C	90417				7,855,819	13,188,069
P L Bartow	Florida	634	4D	90419				8,071,439	13,994,192
P L Bartow	Florida	634	P1	89900			15,364	83,381	39,855
P L Bartow	Florida	634	P2	89901			199,065	282,500	243,968
P L Bartow	Florida	634	P3	89902			23,794	115,856	40,564
P L Bartow	Florida	634	P4	89903			186,110	285,629	391,621
Pasco Cogeneration	Florida	54424	EU001	3768			1,770,271	1,180,391	1,163,302
Pasco Cogeneration	Florida	54424	EU002	3769			1,762,239	1,117,711	1,142,559
Polk	Florida	7242	**1	3047	12,465,482	13,188,733	12,235,738	10,690,718	12,835,159
Polk	Florida	7242	**2	3048	920,512	726,455	304,290	326,601	293,153
Polk	Florida	7242	**3	3049	926,984	913,050	222,015	415,522	264,716

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Northside	Florida	667	GT6	35,640	1,915,047,347	0.000019		
Oleander Power Project	Florida	55286	O-1	1,807,395	1,915,047,347	0.000944		
Oleander Power Project	Florida	55286	O-2	1,371,011	1,915,047,347	0.000716		
Oleander Power Project	Florida	55286	O-3	1,448,587	1,915,047,347	0.000756		
Oleander Power Project	Florida	55286	O-4	1,343,693	1,915,047,347	0.000702		
Oleander Power Project	Florida	55286	O-5	487,008	1,915,047,347	0.000254		
Orange Cogeneration Facility	Florida	54365	1	1,656,334	1,915,047,347	0.000865		
Orange Cogeneration Facility	Florida	54365	2	1,555,791	1,915,047,347	0.000812		
Orlando CoGen	Florida	54466	1	7,631,644	1,915,047,347	0.003985		
Osceola	Florida	55192	OSC1	1,510,141	1,915,047,347	0.000789		
Osceola	Florida	55192	OSC2	1,735,811	1,915,047,347	0.000906		
Osceola	Florida	55192	OSC3	1,552,688	1,915,047,347	0.000811		
Osprey Energy Center	Florida	55412	CT1	8,341,344	1,915,047,347	0.004356		
Osprey Energy Center	Florida	55412	CT2	8,826,071	1,915,047,347	0.004609		
P L Bartow	Florida	634	4A	10,092,513	1,915,047,347	0.005270		
P L Bartow	Florida	634	4B	9,447,117	1,915,047,347	0.004933		
P L Bartow	Florida	634	4C	10,521,944	1,915,047,347	0.005494		
P L Bartow	Florida	634	4D	11,032,815	1,915,047,347	0.005761		
P L Bartow	Florida	634	P1	46,200	1,915,047,347	0.000024		
P L Bartow	Florida	634	P2	241,844	1,915,047,347	0.000126		
P L Bartow	Florida	634	P3	60,071	1,915,047,347	0.000031		
P L Bartow	Florida	634	P4	287,786	1,915,047,347	0.000150		
Pasco Cogeneration	Florida	54424	EU001	1,371,321	1,915,047,347	0.000716		
Pasco Cogeneration	Florida	54424	EU002	1,340,836	1,915,047,347	0.000700		
Polk	Florida	7242	**1	12,829,791	1,915,047,347	0.006699		
Polk	Florida	7242	**2	657,856	1,915,047,347	0.000344		
Polk	Florida	7242	**3	751,852	1,915,047,347	0.000393		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Northside	Florida	667	GT6						
Oleander Power Project	Florida	55286	O-1						
Oleander Power Project	Florida	55286	O-2						
Oleander Power Project	Florida	55286	O-3						
Oleander Power Project	Florida	55286	O-4						
Oleander Power Project	Florida	55286	O-5						
Orange Cogeneration Facility	Florida	54365	1						
Orange Cogeneration Facility	Florida	54365	2						
Orlando CoGen	Florida	54466	1						
Osceola	Florida	55192	OSC1						
Osceola	Florida	55192	OSC2						
Osceola	Florida	55192	OSC3						
Osprey Energy Center	Florida	55412	CT1						
Osprey Energy Center	Florida	55412	CT2						
P L Bartow	Florida	634	4A						
P L Bartow	Florida	634	4B						
P L Bartow	Florida	634	4C						
P L Bartow	Florida	634	4D						
P L Bartow	Florida	634	P1						
P L Bartow	Florida	634	P2						
P L Bartow	Florida	634	P3						
P L Bartow	Florida	634	P4						
Pasco Cogeneration	Florida	54424	EU001						
Pasco Cogeneration	Florida	54424	EU002						
Polk	Florida	7242	**1						
Polk	Florida	7242	**2						
Polk	Florida	7242	**3						

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Northside	Florida	667	GT6						
Oleander Power Project	Florida	55286	O-1	11	5	9	0	0	0
Oleander Power Project	Florida	55286	O-2	6	4	11	1	1	0
Oleander Power Project	Florida	55286	O-3	3	3	8	1	0	0
Oleander Power Project	Florida	55286	O-4	4	2	7	1	1	0
Oleander Power Project	Florida	55286	O-5						3
Orange Cogeneration Facility	Florida	54365	1	1	1	1	1	1	0
Orange Cogeneration Facility	Florida	54365	2	1	1	1	0	0	0
Orlando CoGen	Florida	54466	1	2	2	2	2	2	2
Osceola	Florida	55192	OSC1	4	2	2	1	1	0
Osceola	Florida	55192	OSC2	4	2	4	1	0	0
Osceola	Florida	55192	OSC3	1	3	3	1	0	0
Osprey Energy Center	Florida	55412	CT1		2	2	2	2	2
Osprey Energy Center	Florida	55412	CT2		2	2	2	3	2
P L Bartow	Florida	634	4A						
P L Bartow	Florida	634	4B						
P L Bartow	Florida	634	4C						
P L Bartow	Florida	634	4D						
P L Bartow	Florida	634	P1						
P L Bartow	Florida	634	P2						
P L Bartow	Florida	634	P3						
P L Bartow	Florida	634	P4						
Pasco Cogeneration	Florida	54424	EU001						
Pasco Cogeneration	Florida	54424	EU002						
Polk	Florida	7242	**1	842	1,161	819	917	1,070	1,090
Polk	Florida	7242	**2	2	1	1	0	0	0
Polk	Florida	7242	**3	5	1	1	0	1	0

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Northside	Florida	667	GT6	1	0	1			
Oleander Power Project	Florida	55286	O-1	0	2	11			
Oleander Power Project	Florida	55286	O-2	0	2	11			
Oleander Power Project	Florida	55286	O-3	0	2	8			
Oleander Power Project	Florida	55286	O-4	0	1	7			
Oleander Power Project	Florida	55286	O-5	2	15	15			
Orange Cogeneration Facility	Florida	54365	1	0	0	1			
Orange Cogeneration Facility	Florida	54365	2	0	0	1			
Orlando CoGen	Florida	54466	1	2	2	2			
Osceola	Florida	55192	OSC1	0	2	4			
Osceola	Florida	55192	OSC2	1	1	4			
Osceola	Florida	55192	OSC3	1	2	3			
Osprey Energy Center	Florida	55412	CT1	3	2	3			
Osprey Energy Center	Florida	55412	CT2	3	2	3			
P L Bartow	Florida	634	4A	2	4	4			
P L Bartow	Florida	634	4B	2	4	4			
P L Bartow	Florida	634	4C	2	4	4			
P L Bartow	Florida	634	4D	3	4	4			
P L Bartow	Florida	634	P1	15	6	15			
P L Bartow	Florida	634	P2	7	0	7			
P L Bartow	Florida	634	P3	20	6	20			
P L Bartow	Florida	634	P4	6	5	6			
Pasco Cogeneration	Florida	54424	EU001	0	1	1			
Pasco Cogeneration	Florida	54424	EU002	0	1	1			
Polk	Florida	7242	**1	951	1,179	1,179			
Polk	Florida	7242	**2	1	1	2			
Polk	Florida	7242	**3	0	1	5			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Northside	Florida	667	GT6						
Oleander Power Project	Florida	55286	O-1				65	37	27
Oleander Power Project	Florida	55286	O-2				49	25	27
Oleander Power Project	Florida	55286	O-3				43	22	23
Oleander Power Project	Florida	55286	O-4				45	22	16
Oleander Power Project	Florida	55286	O-5						
Orange Cogeneration Facility	Florida	54365	1				46	59	50
Orange Cogeneration Facility	Florida	54365	2				45	50	46
Orlando CoGen	Florida	54466	1				240	196	217
Osceola	Florida	55192	OSC1				53	33	20
Osceola	Florida	55192	OSC2				46	28	45
Osceola	Florida	55192	OSC3				13	20	28
Osprey Energy Center	Florida	55412	CT1					81	216
Osprey Energy Center	Florida	55412	CT2					73	154
P L Bartow	Florida	634	4A						
P L Bartow	Florida	634	4B						
P L Bartow	Florida	634	4C						
P L Bartow	Florida	634	4D						
P L Bartow	Florida	634	P1						
P L Bartow	Florida	634	P2						
P L Bartow	Florida	634	P3						
P L Bartow	Florida	634	P4						
Pasco Cogeneration	Florida	54424	EU001						
Pasco Cogeneration	Florida	54424	EU002						
Polk	Florida	7242	**1				328	385	304
Polk	Florida	7242	**2				41	12	15
Polk	Florida	7242	**3				53	19	13

				Step 7						
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	
Calculation									Highest value of columns AK - AR	
Northside	Florida	667	GT6				11	12	6	12
Oleander Power Project	Florida	55286	O-1	21	17	12	26	46	65	
Oleander Power Project	Florida	55286	O-2	13	28	15	22	26	49	
Oleander Power Project	Florida	55286	O-3	17	25	12	21	28	43	
Oleander Power Project	Florida	55286	O-4	24	27	12	21	24	45	
Oleander Power Project	Florida	55286	O-5			12	6	6	12	
Orange Cogeneration Facility	Florida	54365	1	43	41	41	35	33	59	
Orange Cogeneration Facility	Florida	54365	2	39	38	38	32	32	50	
Orlando CoGen	Florida	54466	1	218	216	144	201	189	240	
Osceola	Florida	55192	OSC1	21	24	11	2	24	53	
Osceola	Florida	55192	OSC2	26	21	18	28	20	46	
Osceola	Florida	55192	OSC3	32	3	7	22	24	32	
Osprey Energy Center	Florida	55412	CT1	181	148	50	49	45	216	
Osprey Energy Center	Florida	55412	CT2	150	145	43	54	46	154	
P L Bartow	Florida	634	4A				89	89	89	
P L Bartow	Florida	634	4B				82	84	84	
P L Bartow	Florida	634	4C				87	86	87	
P L Bartow	Florida	634	4D				100	101	101	
P L Bartow	Florida	634	P1			4	24	14	24	
P L Bartow	Florida	634	P2			32	50	37	50	
P L Bartow	Florida	634	P3			7	36	13	36	
P L Bartow	Florida	634	P4			39	58	80	80	
Pasco Cogeneration	Florida	54424	EU001			77	52	47	77	
Pasco Cogeneration	Florida	54424	EU002			81	50	47	81	
Polk	Florida	7242	**1	386	396	370	326	402	402	
Polk	Florida	7242	**2	16	13	5	9	8	41	
Polk	Florida	7242	**3	17	17	5	9	7	53	

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Northside	Florida	667	GT6						
Oleander Power Project	Florida	55286	O-1						
Oleander Power Project	Florida	55286	O-2						
Oleander Power Project	Florida	55286	O-3						
Oleander Power Project	Florida	55286	O-4						
Oleander Power Project	Florida	55286	O-5						
Orange Cogeneration Facility	Florida	54365	1						
Orange Cogeneration Facility	Florida	54365	2						
Orlando CoGen	Florida	54466	1						
Osceola	Florida	55192	OSC1						
Osceola	Florida	55192	OSC2						
Osceola	Florida	55192	OSC3						
Osprey Energy Center	Florida	55412	CT1						
Osprey Energy Center	Florida	55412	CT2						
P L Bartow	Florida	634	4A						
P L Bartow	Florida	634	4B						
P L Bartow	Florida	634	4C						
P L Bartow	Florida	634	4D						
P L Bartow	Florida	634	P1						
P L Bartow	Florida	634	P2						
P L Bartow	Florida	634	P3						
P L Bartow	Florida	634	P4						
Pasco Cogeneration	Florida	54424	EU001						
Pasco Cogeneration	Florida	54424	EU002						
Polk	Florida	7242	**1						
Polk	Florida	7242	**2						
Polk	Florida	7242	**3						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Northside	Florida	667	GT6				
Oleander Power Project	Florida	55286	O-1				
Oleander Power Project	Florida	55286	O-2				
Oleander Power Project	Florida	55286	O-3				
Oleander Power Project	Florida	55286	O-4				
Oleander Power Project	Florida	55286	O-5				
Orange Cogeneration Facility	Florida	54365	1				
Orange Cogeneration Facility	Florida	54365	2				
Orlando CoGen	Florida	54466	1				
Osceola	Florida	55192	OSC1				
Osceola	Florida	55192	OSC2				
Osceola	Florida	55192	OSC3				
Osprey Energy Center	Florida	55412	CT1				
Osprey Energy Center	Florida	55412	CT2				
P L Bartow	Florida	634	4A				
P L Bartow	Florida	634	4B				
P L Bartow	Florida	634	4C				
P L Bartow	Florida	634	4D				
P L Bartow	Florida	634	P1				
P L Bartow	Florida	634	P2				
P L Bartow	Florida	634	P3				
P L Bartow	Florida	634	P4				
Pasco Cogeneration	Florida	54424	EU001				
Pasco Cogeneration	Florida	54424	EU002				
Polk	Florida	7242	**1				
Polk	Florida	7242	**2				
Polk	Florida	7242	**3				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Northside	Florida	667	GT6				
Oleander Power Project	Florida	55286	O-1				
Oleander Power Project	Florida	55286	O-2				
Oleander Power Project	Florida	55286	O-3				
Oleander Power Project	Florida	55286	O-4				
Oleander Power Project	Florida	55286	O-5				
Orange Cogeneration Facility	Florida	54365	1				
Orange Cogeneration Facility	Florida	54365	2				
Orlando CoGen	Florida	54466	1				
Osceola	Florida	55192	OSC1				
Osceola	Florida	55192	OSC2				
Osceola	Florida	55192	OSC3				
Osprey Energy Center	Florida	55412	CT1				
Osprey Energy Center	Florida	55412	CT2				
P L Bartow	Florida	634	4A				
P L Bartow	Florida	634	4B				
P L Bartow	Florida	634	4C				
P L Bartow	Florida	634	4D				
P L Bartow	Florida	634	P1				
P L Bartow	Florida	634	P2				
P L Bartow	Florida	634	P3				
P L Bartow	Florida	634	P4				
Pasco Cogeneration	Florida	54424	EU001				
Pasco Cogeneration	Florida	54424	EU002				
Polk	Florida	7242	**1				
Polk	Florida	7242	**2				
Polk	Florida	7242	**3				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Northside	Florida	667	GT6				
Oleander Power Project	Florida	55286	O-1				
Oleander Power Project	Florida	55286	O-2				
Oleander Power Project	Florida	55286	O-3				
Oleander Power Project	Florida	55286	O-4				
Oleander Power Project	Florida	55286	O-5				
Orange Cogeneration Facility	Florida	54365	1				
Orange Cogeneration Facility	Florida	54365	2				
Orlando CoGen	Florida	54466	1				
Osceola	Florida	55192	OSC1				
Osceola	Florida	55192	OSC2				
Osceola	Florida	55192	OSC3				
Osprey Energy Center	Florida	55412	CT1				
Osprey Energy Center	Florida	55412	CT2				
P L Bartow	Florida	634	4A				
P L Bartow	Florida	634	4B				
P L Bartow	Florida	634	4C				
P L Bartow	Florida	634	4D				
P L Bartow	Florida	634	P1				
P L Bartow	Florida	634	P2				
P L Bartow	Florida	634	P3				
P L Bartow	Florida	634	P4				
Pasco Cogeneration	Florida	54424	EU001				
Pasco Cogeneration	Florida	54424	EU002				
Polk	Florida	7242	**1				
Polk	Florida	7242	**2				
Polk	Florida	7242	**3				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Northside	Florida	667	GT6			19,054	14,349	9,492	14,298
Oleander Power Project	Florida	55286	O-1	874,547	610,230	185,236	1,027,281	2,128,260	1,343,362
Oleander Power Project	Florida	55286	O-2	459,133	1,410,256	489,858	940,219	647,582	999,352
Oleander Power Project	Florida	55286	O-3	774,344	1,329,518	468,699	929,511	788,714	1,015,914
Oleander Power Project	Florida	55286	O-4	1,167,653	963,464	331,404	698,150	894,489	1,008,535
Oleander Power Project	Florida	55286	O-5			470,572	283,863	181,749	312,061
Orange Cogeneration Facility	Florida	54365	1	802,563	857,681	723,068	560,581	567,040	794,437
Orange Cogeneration Facility	Florida	54365	2	779,082	804,272	698,645	559,575	537,308	760,666
Orlando CoGen	Florida	54466	1	3,387,639	3,292,018	2,992,422	3,142,407	3,084,465	3,274,021
Osceola	Florida	55192	OSC1	1,525,599	1,047,486	650,423	48,997	762,021	1,111,702
Osceola	Florida	55192	OSC2	1,242,537	1,274,419	898,813	1,561,328	714,437	1,359,428
Osceola	Florida	55192	OSC3	1,298,520	40,321	282,395	1,070,137	679,800	1,016,152
Osprey Energy Center	Florida	55412	CT1	4,520,202	4,326,273	3,720,608	5,045,197	3,415,555	4,630,557
Osprey Energy Center	Florida	55412	CT2	4,657,823	4,552,472	3,325,088	5,344,164	4,252,031	4,851,486
P L Bartow	Florida	634	4A				3,951,980	6,471,405	5,211,693
P L Bartow	Florida	634	4B				3,408,900	6,274,073	4,841,487
P L Bartow	Florida	634	4C				4,533,979	5,840,170	5,187,075
P L Bartow	Florida	634	4D				4,329,078	5,664,387	4,996,733
P L Bartow	Florida	634	P1			12,156	78,184	10,809	33,716
P L Bartow	Florida	634	P2			115,639	191,059	210,148	172,282
P L Bartow	Florida	634	P3			19,296	107,690	11,484	46,157
P L Bartow	Florida	634	P4			99,552	192,326	307,709	199,862
Pasco Cogeneration	Florida	54424	EU001			770,879	622,828	734,059	709,255
Pasco Cogeneration	Florida	54424	EU002			754,415	556,650	718,190	676,419
Polk	Florida	7242	**1	5,065,118	5,754,722	4,461,546	4,995,450	5,336,907	5,385,582
Polk	Florida	7242	**2	505,276	431,846	198,573	219,350	165,167	385,491
Polk	Florida	7242	**3	538,600	674,171	149,325	270,628	132,062	494,466

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Northside	Florida	667	GT6	955,294,478	0.000015	28,071	27,268	0	0
Oleander Power Project	Florida	55286	O-1	955,294,478	0.001406	28,071	27,268	39	38
Oleander Power Project	Florida	55286	O-2	955,294,478	0.001046	28,071	27,268	29	29
Oleander Power Project	Florida	55286	O-3	955,294,478	0.001063	28,071	27,268	30	29
Oleander Power Project	Florida	55286	O-4	955,294,478	0.001056	28,071	27,268	30	29
Oleander Power Project	Florida	55286	O-5	955,294,478	0.000327	28,071	27,268	9	9
Orange Cogeneration Facility	Florida	54365	1	955,294,478	0.000832	28,071	27,268	23	23
Orange Cogeneration Facility	Florida	54365	2	955,294,478	0.000796	28,071	27,268	22	22
Orlando CoGen	Florida	54466	1	955,294,478	0.003427	28,071	27,268	96	93
Osceola	Florida	55192	OSC1	955,294,478	0.001164	28,071	27,268	33	32
Osceola	Florida	55192	OSC2	955,294,478	0.001423	28,071	27,268	40	39
Osceola	Florida	55192	OSC3	955,294,478	0.001064	28,071	27,268	30	29
Osprey Energy Center	Florida	55412	CT1	955,294,478	0.004847	28,071	27,268	136	132
Osprey Energy Center	Florida	55412	CT2	955,294,478	0.005079	28,071	27,268	143	138
P L Bartow	Florida	634	4A	955,294,478	0.005456	28,071	27,268	153	149
P L Bartow	Florida	634	4B	955,294,478	0.005068	28,071	27,268	142	138
P L Bartow	Florida	634	4C	955,294,478	0.005430	28,071	27,268	152	148
P L Bartow	Florida	634	4D	955,294,478	0.005231	28,071	27,268	147	143
P L Bartow	Florida	634	P1	955,294,478	0.000035	28,071	27,268	1	1
P L Bartow	Florida	634	P2	955,294,478	0.000180	28,071	27,268	5	5
P L Bartow	Florida	634	P3	955,294,478	0.000048	28,071	27,268	1	1
P L Bartow	Florida	634	P4	955,294,478	0.000209	28,071	27,268	6	6
Pasco Cogeneration	Florida	54424	EU001	955,294,478	0.000742	28,071	27,268	21	20
Pasco Cogeneration	Florida	54424	EU002	955,294,478	0.000708	28,071	27,268	20	19
Polk	Florida	7242	**1	955,294,478	0.005638	28,071	27,268	158	154
Polk	Florida	7242	**2	955,294,478	0.000404	28,071	27,268	11	11
Polk	Florida	7242	**3	955,294,478	0.000518	28,071	27,268	15	14

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Northside	Florida	667	GT6						5
Oleander Power Project	Florida	55286	O-1	37	27	19	13	10	4
Oleander Power Project	Florida	55286	O-2	23	17	16	8	20	8
Oleander Power Project	Florida	55286	O-3	25	13	17	12	18	8
Oleander Power Project	Florida	55286	O-4	28	18	14	19	17	7
Oleander Power Project	Florida	55286	O-5						6
Orange Cogeneration Facility	Florida	54365	1	18	25	21	21	21	19
Orange Cogeneration Facility	Florida	54365	2	18	23	21	18	20	17
Orlando CoGen	Florida	54466	1	101	60	85	94	92	78
Osceola	Florida	55192	OSC1	30	27	19	17	15	9
Osceola	Florida	55192	OSC2	26	20	30	16	18	13
Osceola	Florida	55192	OSC3	9	15	17	19	2	4
Osprey Energy Center	Florida	55412	CT1		38	156	101	89	22
Osprey Energy Center	Florida	55412	CT2		33	83	73	87	19
P L Bartow	Florida	634	4A						
P L Bartow	Florida	634	4B						
P L Bartow	Florida	634	4C						
P L Bartow	Florida	634	4D						
P L Bartow	Florida	634	P1						3
P L Bartow	Florida	634	P2						19
P L Bartow	Florida	634	P3						5
P L Bartow	Florida	634	P4						22
Pasco Cogeneration	Florida	54424	EU001						34
Pasco Cogeneration	Florida	54424	EU002						37
Polk	Florida	7242	**1	124	155	187	148	173	137
Polk	Florida	7242	**2	24	8	12	9	7	3
Polk	Florida	7242	**3	28	14	11	10	12	3

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Northside	Florida	667	GT6	4	2	5			
Oleander Power Project	Florida	55286	O-1	17	31	37			
Oleander Power Project	Florida	55286	O-2	15	11	23			
Oleander Power Project	Florida	55286	O-3	14	11	25			
Oleander Power Project	Florida	55286	O-4	10	14	28			
Oleander Power Project	Florida	55286	O-5	5	3	6			
Orange Cogeneration Facility	Florida	54365	1	15	14	25			
Orange Cogeneration Facility	Florida	54365	2	15	13	23			
Orlando CoGen	Florida	54466	1	88	77	101			
Osceola	Florida	55192	OSC1	1	13	30			
Osceola	Florida	55192	OSC2	23	11	30			
Osceola	Florida	55192	OSC3	16	11	19			
Osprey Energy Center	Florida	55412	CT1	28	19	156			
Osprey Energy Center	Florida	55412	CT2	30	24	87			
P L Bartow	Florida	634	4A	59	41	59			
P L Bartow	Florida	634	4B	52	39	52			
P L Bartow	Florida	634	4C	60	32	60			
P L Bartow	Florida	634	4D	66	41	66			
P L Bartow	Florida	634	P1	22	3	22			
P L Bartow	Florida	634	P2	32	32	32			
P L Bartow	Florida	634	P3	34	3	34			
P L Bartow	Florida	634	P4	38	56	56			
Pasco Cogeneration	Florida	54424	EU001	27	29	34			
Pasco Cogeneration	Florida	54424	EU002	25	29	37			
Polk	Florida	7242	**1	149	163	187			
Polk	Florida	7242	**2	6	4	24			
Polk	Florida	7242	**3	5	3	28			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Northside	Florida	667	GT6				1	1
Oleander Power Project	Florida	55286	O-1				37	37
Oleander Power Project	Florida	55286	O-2				23	23
Oleander Power Project	Florida	55286	O-3				25	25
Oleander Power Project	Florida	55286	O-4				28	28
Oleander Power Project	Florida	55286	O-5				6	6
Orange Cogeneration Facility	Florida	54365	1				25	25
Orange Cogeneration Facility	Florida	54365	2				23	23
Orlando CoGen	Florida	54466	1				101	101
Osceola	Florida	55192	OSC1				30	30
Osceola	Florida	55192	OSC2				30	30
Osceola	Florida	55192	OSC3				19	19
Osprey Energy Center	Florida	55412	CT1				156	156
Osprey Energy Center	Florida	55412	CT2				87	87
P L Bartow	Florida	634	4A				59	59
P L Bartow	Florida	634	4B				52	52
P L Bartow	Florida	634	4C				60	60
P L Bartow	Florida	634	4D				66	66
P L Bartow	Florida	634	P1				1	1
P L Bartow	Florida	634	P2				7	7
P L Bartow	Florida	634	P3				2	2
P L Bartow	Florida	634	P4				8	8
Pasco Cogeneration	Florida	54424	EU001				29	29
Pasco Cogeneration	Florida	54424	EU002				28	28
Polk	Florida	7242	**1				187	187
Polk	Florida	7242	**2				16	16
Polk	Florida	7242	**3				21	21

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Northside	Florida	667	GT6					
Oleander Power Project	Florida	55286	O-1					
Oleander Power Project	Florida	55286	O-2					
Oleander Power Project	Florida	55286	O-3					
Oleander Power Project	Florida	55286	O-4					
Oleander Power Project	Florida	55286	O-5					
Orange Cogeneration Facility	Florida	54365	1					
Orange Cogeneration Facility	Florida	54365	2					
Orlando CoGen	Florida	54466	1					
Osceola	Florida	55192	OSC1					
Osceola	Florida	55192	OSC2					
Osceola	Florida	55192	OSC3					
Osprey Energy Center	Florida	55412	CT1					
Osprey Energy Center	Florida	55412	CT2					
P L Bartow	Florida	634	4A					
P L Bartow	Florida	634	4B					
P L Bartow	Florida	634	4C					
P L Bartow	Florida	634	4D					
P L Bartow	Florida	634	P1					
P L Bartow	Florida	634	P2					
P L Bartow	Florida	634	P3					
P L Bartow	Florida	634	P4					
Pasco Cogeneration	Florida	54424	EU001					
Pasco Cogeneration	Florida	54424	EU002					
Polk	Florida	7242	**1					
Polk	Florida	7242	**2					
Polk	Florida	7242	**3					

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Northside	Florida	667	GT6			Y		
Oleander Power Project	Florida	55286	O-1			Y		
Oleander Power Project	Florida	55286	O-2			Y		
Oleander Power Project	Florida	55286	O-3			Y		
Oleander Power Project	Florida	55286	O-4			Y		
Oleander Power Project	Florida	55286	O-5			Y		
Orange Cogeneration Facility	Florida	54365	1			Y		
Orange Cogeneration Facility	Florida	54365	2			Y		
Orlando CoGen	Florida	54466	1			Y		
Osceola	Florida	55192	OSC1			Y		
Osceola	Florida	55192	OSC2			Y		
Osceola	Florida	55192	OSC3			Y		
Osprey Energy Center	Florida	55412	CT1			Y		
Osprey Energy Center	Florida	55412	CT2			Y		
P L Bartow	Florida	634	4A			Y		
P L Bartow	Florida	634	4B			Y		
P L Bartow	Florida	634	4C			Y		
P L Bartow	Florida	634	4D			Y		
P L Bartow	Florida	634	P1			Y		
P L Bartow	Florida	634	P2			Y		
P L Bartow	Florida	634	P3			Y		
P L Bartow	Florida	634	P4			Y		
Pasco Cogeneration	Florida	54424	EU001			Y		
Pasco Cogeneration	Florida	54424	EU002			Y		
Polk	Florida	7242	**1			Y		
Polk	Florida	7242	**2			Y		
Polk	Florida	7242	**3			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Polk	Florida	7242	**4	3050		853,973	993,969	908,616	714,175
Polk	Florida	7242	**5	90101		732,647	527,039	727,205	607,655
Port Everglades	Florida	617	GPE01	90133			4,606	3,841	54,257
Port Everglades	Florida	617	GPE02	90134			7,345	6,521	44,986
Port Everglades	Florida	617	GPE03	90135			3,340	4,236	50,574
Port Everglades	Florida	617	GPE04	90136			4,011	6,717	45,190
Port Everglades	Florida	617	GPE05	90137			4,715	5,031	46,141
Port Everglades	Florida	617	GPE06	90138			7,476	1,931	35,160
Port Everglades	Florida	617	GPE07	90139			3,285	3,128	28,598
Port Everglades	Florida	617	GPE08	90140			3,433	1,930	41,720
Port Everglades	Florida	617	GPE09	90141			4,165	3,098	69,326
Port Everglades	Florida	617	GPE10	90142			9,870	2,856	52,901
Port Everglades	Florida	617	GPE11	90143			11,845	3,352	59,521
Port Everglades	Florida	617	GPE12	90144			13,866	3,230	66,152
Port Everglades	Florida	617	PPE1	419	4,777,247	3,393,061	2,200,294	2,311,760	81,243
Port Everglades	Florida	617	PPE2	420	4,784,053	2,744,636	3,065,611	2,657,009	110,217
Port Everglades	Florida	617	PPE3	421	14,310,310	10,941,432	11,501,955	10,191,576	8,671,770
Port Everglades	Florida	617	PPE4	422	10,593,475	12,857,135	11,663,263	9,901,521	7,620,377
Putnam	Florida	6246	HRSG11	2861	2,058,802	2,515,712	2,999,511	3,029,198	2,537,219
Putnam	Florida	6246	HRSG12	2862	2,048,310	2,577,017	3,033,726	2,810,432	2,600,961
Putnam	Florida	6246	HRSG21	2863	2,894,021	2,011,944	2,715,971	3,284,086	2,352,231
Putnam	Florida	6246	HRSG22	2864	2,936,581	2,083,861	2,728,076	3,136,194	2,357,743
Reedy Creek	Florida	7254	32432	3061	1,752,715	1,128,155	32,161	2,800,889	3,658,930
Ridge Generating Station	Florida	54529	001	90191					
Riviera	Florida	619	PRV3	424	9,933,761	7,267,732	6,340,591	320,926	
Riviera	Florida	619	PRV4	425	10,504,975	11,786,552	7,632,668	294,617	
Roy E Hansel Power Plant	Florida	672	CT21	90126			66,385	102,886	205,647

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Polk	Florida	7242	**4	918,853	1,915,047,347	0.000480		
Polk	Florida	7242	**5	689,169	1,915,047,347	0.000360		
Port Everglades	Florida	617	GPE01	20,901	1,915,047,347	0.000011		
Port Everglades	Florida	617	GPE02	19,617	1,915,047,347	0.000010		
Port Everglades	Florida	617	GPE03	19,383	1,915,047,347	0.000010		
Port Everglades	Florida	617	GPE04	18,639	1,915,047,347	0.000010		
Port Everglades	Florida	617	GPE05	18,629	1,915,047,347	0.000010		
Port Everglades	Florida	617	GPE06	14,855	1,915,047,347	0.000008		
Port Everglades	Florida	617	GPE07	11,670	1,915,047,347	0.000006		
Port Everglades	Florida	617	GPE08	15,694	1,915,047,347	0.000008		
Port Everglades	Florida	617	GPE09	25,530	1,915,047,347	0.000013		
Port Everglades	Florida	617	GPE10	21,876	1,915,047,347	0.000011		
Port Everglades	Florida	617	GPE11	24,906	1,915,047,347	0.000013		
Port Everglades	Florida	617	GPE12	27,749	1,915,047,347	0.000014		
Port Everglades	Florida	617	PPE1	3,494,023	1,915,047,347	0.001825		
Port Everglades	Florida	617	PPE2	3,531,433	1,915,047,347	0.001844		
Port Everglades	Florida	617	PPE3	12,251,232	1,915,047,347	0.006397		
Port Everglades	Florida	617	PPE4	11,704,624	1,915,047,347	0.006112		
Putnam	Florida	6246	HRSG11	2,855,309	1,915,047,347	0.001491		
Putnam	Florida	6246	HRSG12	2,815,040	1,915,047,347	0.001470		
Putnam	Florida	6246	HRSG21	2,964,692	1,915,047,347	0.001548		
Putnam	Florida	6246	HRSG22	2,933,617	1,915,047,347	0.001532		
Reedy Creek	Florida	7254	32432	2,737,511	1,915,047,347	0.001429		
Ridge Generating Station	Florida	54529	001		1,915,047,347			
Riviera	Florida	619	PRV3	7,847,362	1,915,047,347	0.004098		
Riviera	Florida	619	PRV4	9,974,732	1,915,047,347	0.005209		
Roy E Hansel Power Plant	Florida	672	CT21	124,973	1,915,047,347	0.000065		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Polk	Florida	7242	**4						
Polk	Florida	7242	**5						
Port Everglades	Florida	617	GPE01						
Port Everglades	Florida	617	GPE02						
Port Everglades	Florida	617	GPE03						
Port Everglades	Florida	617	GPE04						
Port Everglades	Florida	617	GPE05						
Port Everglades	Florida	617	GPE06						
Port Everglades	Florida	617	GPE07						
Port Everglades	Florida	617	GPE08						
Port Everglades	Florida	617	GPE09						
Port Everglades	Florida	617	GPE10						
Port Everglades	Florida	617	GPE11						
Port Everglades	Florida	617	GPE12						
Port Everglades	Florida	617	PPE1						
Port Everglades	Florida	617	PPE2						
Port Everglades	Florida	617	PPE3						
Port Everglades	Florida	617	PPE4						
Putnam	Florida	6246	HRSG11						
Putnam	Florida	6246	HRSG12						
Putnam	Florida	6246	HRSG21						
Putnam	Florida	6246	HRSG22						
Reedy Creek	Florida	7254	32432						
Ridge Generating Station	Florida	54529	001						
Riviera	Florida	619	PRV3						
Riviera	Florida	619	PRV4						
Roy E Hansel Power Plant	Florida	672	CT21						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Polk	Florida	7242	**4					0	0
Polk	Florida	7242	**5					0	0
Port Everglades	Florida	617	GPE01						
Port Everglades	Florida	617	GPE02						
Port Everglades	Florida	617	GPE03						
Port Everglades	Florida	617	GPE04						
Port Everglades	Florida	617	GPE05						
Port Everglades	Florida	617	GPE06						
Port Everglades	Florida	617	GPE07						
Port Everglades	Florida	617	GPE08						
Port Everglades	Florida	617	GPE09						
Port Everglades	Florida	617	GPE10						
Port Everglades	Florida	617	GPE11						
Port Everglades	Florida	617	GPE12						
Port Everglades	Florida	617	PPE1	3,957	3,072	2,899	1,329	1,484	408
Port Everglades	Florida	617	PPE2	3,051	3,110	3,407	1,297	1,195	743
Port Everglades	Florida	617	PPE3	6,455	6,429	7,314	3,983	3,179	2,114
Port Everglades	Florida	617	PPE4	6,803	7,216	7,213	2,684	4,394	2,260
Putnam	Florida	6246	HRSG11	1	1	3	1	1	1
Putnam	Florida	6246	HRSG12	3	2	3	1	1	1
Putnam	Florida	6246	HRSG21	4	2	4	1	1	1
Putnam	Florida	6246	HRSG22	4	2	4	1	1	1
Reedy Creek	Florida	7254	32432	0	0	0	1	0	0
Ridge Generating Station	Florida	54529	001						
Riviera	Florida	619	PRV3	4,262	6,068	5,450	3,357	2,784	2,035
Riviera	Florida	619	PRV4	6,702	5,808	5,087	1,881	2,901	741
Roy E Hansel Power Plant	Florida	672	CT21						

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Polk	Florida	7242	**4	0	0	0			
Polk	Florida	7242	**5	0	0	0			
Port Everglades	Florida	617	GPE01	0	8	8			
Port Everglades	Florida	617	GPE02	1	4	4			
Port Everglades	Florida	617	GPE03	0	7	7			
Port Everglades	Florida	617	GPE04	1	7	7			
Port Everglades	Florida	617	GPE05	1	8	8			
Port Everglades	Florida	617	GPE06	0	4	4			
Port Everglades	Florida	617	GPE07	0	3	3			
Port Everglades	Florida	617	GPE08	0	7	7			
Port Everglades	Florida	617	GPE09	0	10	10			
Port Everglades	Florida	617	GPE10	0	7	7			
Port Everglades	Florida	617	GPE11	0	9	9			
Port Everglades	Florida	617	GPE12	0	11	11			
Port Everglades	Florida	617	PPE1	571	42	3,957			
Port Everglades	Florida	617	PPE2	596	55	3,407			
Port Everglades	Florida	617	PPE3	2,059	1,798	7,314			
Port Everglades	Florida	617	PPE4	2,160	2,003	7,216			
Putnam	Florida	6246	HRSG11	1	1	3			
Putnam	Florida	6246	HRSG12	1	1	3			
Putnam	Florida	6246	HRSG21	1	1	4			
Putnam	Florida	6246	HRSG22	1	1	4			
Reedy Creek	Florida	7254	32432	1	1	1			
Ridge Generating Station	Florida	54529	001			0			
Riviera	Florida	619	PRV3	289		6,068			
Riviera	Florida	619	PRV4	156		6,702			
Roy E Hansel Power Plant	Florida	672	CT21	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Polk	Florida	7242	**4						
Polk	Florida	7242	**5						
Port Everglades	Florida	617	GPE01						
Port Everglades	Florida	617	GPE02						
Port Everglades	Florida	617	GPE03						
Port Everglades	Florida	617	GPE04						
Port Everglades	Florida	617	GPE05						
Port Everglades	Florida	617	GPE06						
Port Everglades	Florida	617	GPE07						
Port Everglades	Florida	617	GPE08						
Port Everglades	Florida	617	GPE09						
Port Everglades	Florida	617	GPE10						
Port Everglades	Florida	617	GPE11						
Port Everglades	Florida	617	GPE12						
Port Everglades	Florida	617	PPE1				1,191	952	796
Port Everglades	Florida	617	PPE2				951	903	874
Port Everglades	Florida	617	PPE3				3,860	3,264	3,534
Port Everglades	Florida	617	PPE4				4,099	3,691	3,538
Putnam	Florida	6246	HRSG11				560	399	332
Putnam	Florida	6246	HRSG12				418	425	341
Putnam	Florida	6246	HRSG21				585	373	281
Putnam	Florida	6246	HRSG22				575	367	251
Reedy Creek	Florida	7254	32432				130	114	78
Ridge Generating Station	Florida	54529	001						
Riviera	Florida	619	PRV3				1,751	2,439	2,199
Riviera	Florida	619	PRV4				2,942	2,617	2,156
Roy E Hansel Power Plant	Florida	672	CT21						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Polk	Florida	7242	**4		13	18	18	13	18
Polk	Florida	7242	**5		12	9	12	11	12
Port Everglades	Florida	617	GPE01			1	1	16	16
Port Everglades	Florida	617	GPE02			1	2	12	12
Port Everglades	Florida	617	GPE03			1	1	15	15
Port Everglades	Florida	617	GPE04			1	2	13	13
Port Everglades	Florida	617	GPE05			1	1	14	14
Port Everglades	Florida	617	GPE06			1	1	9	9
Port Everglades	Florida	617	GPE07			1	1	8	8
Port Everglades	Florida	617	GPE08			1	0	12	12
Port Everglades	Florida	617	GPE09			1	1	20	20
Port Everglades	Florida	617	GPE10			2	1	15	15
Port Everglades	Florida	617	GPE11			2	1	17	17
Port Everglades	Florida	617	GPE12			3	1	20	20
Port Everglades	Florida	617	PPE1	506	431	193	229	12	1,191
Port Everglades	Florida	617	PPE2	482	335	271	228	14	951
Port Everglades	Florida	617	PPE3	2,602	2,083	1,963	1,898	1,526	3,860
Port Everglades	Florida	617	PPE4	1,735	2,546	1,977	1,652	1,494	4,099
Putnam	Florida	6246	HRSG11	352	422	509	485	396	560
Putnam	Florida	6246	HRSG12	379	469	554	521	422	554
Putnam	Florida	6246	HRSG21	502	348	461	522	386	585
Putnam	Florida	6246	HRSG22	509	354	452	501	394	575
Reedy Creek	Florida	7254	32432	72	47	1	119	161	161
Ridge Generating Station	Florida	54529	001						0
Riviera	Florida	619	PRV3	1,827	1,340	968	50		2,439
Riviera	Florida	619	PRV4	1,744	2,254	1,277	50		2,942
Roy E Hansel Power Plant	Florida	672	CT21			7	10	20	20

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Polk	Florida	7242	**4						
Polk	Florida	7242	**5						
Port Everglades	Florida	617	GPE01						
Port Everglades	Florida	617	GPE02						
Port Everglades	Florida	617	GPE03						
Port Everglades	Florida	617	GPE04						
Port Everglades	Florida	617	GPE05						
Port Everglades	Florida	617	GPE06						
Port Everglades	Florida	617	GPE07						
Port Everglades	Florida	617	GPE08						
Port Everglades	Florida	617	GPE09						
Port Everglades	Florida	617	GPE10						
Port Everglades	Florida	617	GPE11						
Port Everglades	Florida	617	GPE12						
Port Everglades	Florida	617	PPE1						
Port Everglades	Florida	617	PPE2						
Port Everglades	Florida	617	PPE3						
Port Everglades	Florida	617	PPE4						
Putnam	Florida	6246	HRSG11						
Putnam	Florida	6246	HRSG12						
Putnam	Florida	6246	HRSG21						
Putnam	Florida	6246	HRSG22						
Reedy Creek	Florida	7254	32432						
Ridge Generating Station	Florida	54529	001						
Riviera	Florida	619	PRV3						
Riviera	Florida	619	PRV4						
Roy E Hansel Power Plant	Florida	672	CT21						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Polk	Florida	7242	**4				
Polk	Florida	7242	**5				
Port Everglades	Florida	617	GPE01				
Port Everglades	Florida	617	GPE02				
Port Everglades	Florida	617	GPE03				
Port Everglades	Florida	617	GPE04				
Port Everglades	Florida	617	GPE05				
Port Everglades	Florida	617	GPE06				
Port Everglades	Florida	617	GPE07				
Port Everglades	Florida	617	GPE08				
Port Everglades	Florida	617	GPE09				
Port Everglades	Florida	617	GPE10				
Port Everglades	Florida	617	GPE11				
Port Everglades	Florida	617	GPE12				
Port Everglades	Florida	617	PPE1				
Port Everglades	Florida	617	PPE2				
Port Everglades	Florida	617	PPE3				
Port Everglades	Florida	617	PPE4				
Putnam	Florida	6246	HRSG11				
Putnam	Florida	6246	HRSG12				
Putnam	Florida	6246	HRSG21				
Putnam	Florida	6246	HRSG22				
Reedy Creek	Florida	7254	32432				
Ridge Generating Station	Florida	54529	001				
Riviera	Florida	619	PRV3				
Riviera	Florida	619	PRV4				
Roy E Hansel Power Plant	Florida	672	CT21				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Polk	Florida	7242	**4				
Polk	Florida	7242	**5				
Port Everglades	Florida	617	GPE01				
Port Everglades	Florida	617	GPE02				
Port Everglades	Florida	617	GPE03				
Port Everglades	Florida	617	GPE04				
Port Everglades	Florida	617	GPE05				
Port Everglades	Florida	617	GPE06				
Port Everglades	Florida	617	GPE07				
Port Everglades	Florida	617	GPE08				
Port Everglades	Florida	617	GPE09				
Port Everglades	Florida	617	GPE10				
Port Everglades	Florida	617	GPE11				
Port Everglades	Florida	617	GPE12				
Port Everglades	Florida	617	PPE1				
Port Everglades	Florida	617	PPE2				
Port Everglades	Florida	617	PPE3				
Port Everglades	Florida	617	PPE4				
Putnam	Florida	6246	HRSG11				
Putnam	Florida	6246	HRSG12				
Putnam	Florida	6246	HRSG21				
Putnam	Florida	6246	HRSG22				
Reedy Creek	Florida	7254	32432				
Ridge Generating Station	Florida	54529	001				
Riviera	Florida	619	PRV3				
Riviera	Florida	619	PRV4				
Roy E Hansel Power Plant	Florida	672	CT21				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Polk	Florida	7242	**4				
Polk	Florida	7242	**5				
Port Everglades	Florida	617	GPE01				
Port Everglades	Florida	617	GPE02				
Port Everglades	Florida	617	GPE03				
Port Everglades	Florida	617	GPE04				
Port Everglades	Florida	617	GPE05				
Port Everglades	Florida	617	GPE06				
Port Everglades	Florida	617	GPE07				
Port Everglades	Florida	617	GPE08				
Port Everglades	Florida	617	GPE09				
Port Everglades	Florida	617	GPE10				
Port Everglades	Florida	617	GPE11				
Port Everglades	Florida	617	GPE12				
Port Everglades	Florida	617	PPE1				
Port Everglades	Florida	617	PPE2				
Port Everglades	Florida	617	PPE3				
Port Everglades	Florida	617	PPE4				
Putnam	Florida	6246	HRSG11				
Putnam	Florida	6246	HRSG12				
Putnam	Florida	6246	HRSG21				
Putnam	Florida	6246	HRSG22				
Reedy Creek	Florida	7254	32432				
Ridge Generating Station	Florida	54529	001				
Riviera	Florida	619	PRV3				
Riviera	Florida	619	PRV4				
Roy E Hansel Power Plant	Florida	672	CT21				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Polk	Florida	7242	**4		425,857	504,060	642,339	464,216	536,872
Polk	Florida	7242	**5		363,340	314,840	469,590	323,844	385,592
Port Everglades	Florida	617	GPE01			2,085	1,377	26,808	10,090
Port Everglades	Florida	617	GPE02			1,433	1,497	33,630	12,187
Port Everglades	Florida	617	GPE03			1,462	1,624	27,079	10,055
Port Everglades	Florida	617	GPE04			750	2,313	16,442	6,502
Port Everglades	Florida	617	GPE05			388	1,502	12,525	4,805
Port Everglades	Florida	617	GPE06			7,430	287	27,217	11,644
Port Everglades	Florida	617	GPE07			317	882	21,072	7,423
Port Everglades	Florida	617	GPE08			1,158	1,199	17,148	6,502
Port Everglades	Florida	617	GPE09			1,797	1,661	31,064	11,507
Port Everglades	Florida	617	GPE10			7,459	1,432	31,052	13,314
Port Everglades	Florida	617	GPE11			9,108	1,305	31,960	14,124
Port Everglades	Florida	617	GPE12			11,060	1,301	27,980	13,447
Port Everglades	Florida	617	PPE1	2,929,915	1,982,204	822,343	2,081,912		2,331,344
Port Everglades	Florida	617	PPE2	2,929,689	1,912,804	1,387,612	2,420,599		2,421,030
Port Everglades	Florida	617	PPE3	7,519,513	6,631,926	5,537,675	5,043,498	4,666,035	6,563,038
Port Everglades	Florida	617	PPE4	7,244,931	7,143,209	6,208,457	5,920,869	4,473,121	6,865,532
Putnam	Florida	6246	HRSG11	1,299,148	1,340,191	2,015,077	1,951,299	1,875,868	1,947,415
Putnam	Florida	6246	HRSG12	1,266,806	1,320,365	1,992,648	1,889,360	1,891,611	1,924,540
Putnam	Florida	6246	HRSG21	1,676,070	1,049,717	1,711,183	2,292,721	1,815,925	1,939,943
Putnam	Florida	6246	HRSG22	1,670,514	1,025,022	1,709,423	2,259,757	1,780,597	1,916,592
Reedy Creek	Florida	7254	32432	1,093,439	846,703	21,253	1,509,990	1,582,072	1,395,167
Ridge Generating Station	Florida	54529	001						
Riviera	Florida	619	PRV3	5,499,077	4,633,839	4,089,735	171,384		4,740,884
Riviera	Florida	619	PRV4	6,006,610	6,151,747	3,733,869	238,387		5,297,408
Roy E Hansel Power Plant	Florida	672	CT21			39,065	63,382	174,618	92,355

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Polk	Florida	7242	**4	955,294,478	0.000562	28,071	27,268	16	15
Polk	Florida	7242	**5	955,294,478	0.000404	28,071	27,268	11	11
Port Everglades	Florida	617	GPE01	955,294,478	0.000011	28,071	27,268	0	0
Port Everglades	Florida	617	GPE02	955,294,478	0.000013	28,071	27,268	0	0
Port Everglades	Florida	617	GPE03	955,294,478	0.000011	28,071	27,268	0	0
Port Everglades	Florida	617	GPE04	955,294,478	0.000007	28,071	27,268	0	0
Port Everglades	Florida	617	GPE05	955,294,478	0.000005	28,071	27,268	0	0
Port Everglades	Florida	617	GPE06	955,294,478	0.000012	28,071	27,268	0	0
Port Everglades	Florida	617	GPE07	955,294,478	0.000008	28,071	27,268	0	0
Port Everglades	Florida	617	GPE08	955,294,478	0.000007	28,071	27,268	0	0
Port Everglades	Florida	617	GPE09	955,294,478	0.000012	28,071	27,268	0	0
Port Everglades	Florida	617	GPE10	955,294,478	0.000014	28,071	27,268	0	0
Port Everglades	Florida	617	GPE11	955,294,478	0.000015	28,071	27,268	0	0
Port Everglades	Florida	617	GPE12	955,294,478	0.000014	28,071	27,268	0	0
Port Everglades	Florida	617	PPE1	955,294,478	0.002440	28,071	27,268	69	67
Port Everglades	Florida	617	PPE2	955,294,478	0.002534	28,071	27,268	71	69
Port Everglades	Florida	617	PPE3	955,294,478	0.006870	28,071	27,268	193	187
Port Everglades	Florida	617	PPE4	955,294,478	0.007187	28,071	27,268	202	196
Putnam	Florida	6246	HRSG11	955,294,478	0.002039	28,071	27,268	57	56
Putnam	Florida	6246	HRSG12	955,294,478	0.002015	28,071	27,268	57	55
Putnam	Florida	6246	HRSG21	955,294,478	0.002031	28,071	27,268	57	55
Putnam	Florida	6246	HRSG22	955,294,478	0.002006	28,071	27,268	56	55
Reedy Creek	Florida	7254	32432	955,294,478	0.001460	28,071	27,268	41	40
Ridge Generating Station	Florida	54529	001	955,294,478		28,071	27,268		
Riviera	Florida	619	PRV3	955,294,478	0.004963	28,071	27,268	139	135
Riviera	Florida	619	PRV4	955,294,478	0.005545	28,071	27,268	156	151
Roy E Hansel Power Plant	Florida	672	CT21	955,294,478	0.000097	28,071	27,268	3	3

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Polk	Florida	7242	**4					7	9
Polk	Florida	7242	**5					6	6
Port Everglades	Florida	617	GPE01						0
Port Everglades	Florida	617	GPE02						0
Port Everglades	Florida	617	GPE03						0
Port Everglades	Florida	617	GPE04						0
Port Everglades	Florida	617	GPE05						0
Port Everglades	Florida	617	GPE06						1
Port Everglades	Florida	617	GPE07						0
Port Everglades	Florida	617	GPE08						0
Port Everglades	Florida	617	GPE09						0
Port Everglades	Florida	617	GPE10						1
Port Everglades	Florida	617	GPE11						2
Port Everglades	Florida	617	GPE12						2
Port Everglades	Florida	617	PPE1	813	612	542	308	262	74
Port Everglades	Florida	617	PPE2	529	601	509	289	252	132
Port Everglades	Florida	617	PPE3	1,929	1,758	1,792	1,423	1,279	1,011
Port Everglades	Florida	617	PPE4	2,378	2,010	1,878	1,226	1,440	1,235
Putnam	Florida	6246	HRSG11	355	251	205	218	215	339
Putnam	Florida	6246	HRSG12	223	279	208	228	232	361
Putnam	Florida	6246	HRSG21	327	231	189	284	179	281
Putnam	Florida	6246	HRSG22	317	222	145	285	173	278
Reedy Creek	Florida	7254	32432	81	73	69	44	35	1
Ridge Generating Station	Florida	54529	001						
Riviera	Florida	619	PRV3	936	1,216	826	1,012	847	639
Riviera	Florida	619	PRV4	1,384	1,148	614	987	1,187	627
Roy E Hansel Power Plant	Florida	672	CT21						4

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Polk	Florida	7242	**4	12	8	12			
Polk	Florida	7242	**5	7	5	7			
Port Everglades	Florida	617	GPE01	0	6	6			
Port Everglades	Florida	617	GPE02	0	8	8			
Port Everglades	Florida	617	GPE03	0	7	7			
Port Everglades	Florida	617	GPE04	0	4	4			
Port Everglades	Florida	617	GPE05	0	3	3			
Port Everglades	Florida	617	GPE06	0	7	7			
Port Everglades	Florida	617	GPE07	0	6	6			
Port Everglades	Florida	617	GPE08	0	4	4			
Port Everglades	Florida	617	GPE09	0	7	7			
Port Everglades	Florida	617	GPE10	0	7	7			
Port Everglades	Florida	617	GPE11	0	8	8			
Port Everglades	Florida	617	GPE12	0	7	7			
Port Everglades	Florida	617	PPE1	200		813			
Port Everglades	Florida	617	PPE2	205		601			
Port Everglades	Florida	617	PPE3	918	829	1,929			
Port Everglades	Florida	617	PPE4	1,023	850	2,378			
Putnam	Florida	6246	HRSG11	306	282	355			
Putnam	Florida	6246	HRSG12	348	295	361			
Putnam	Florida	6246	HRSG21	360	286	360			
Putnam	Florida	6246	HRSG22	358	290	358			
Reedy Creek	Florida	7254	32432	63	70	81			
Ridge Generating Station	Florida	54529	001			0			
Riviera	Florida	619	PRV3	18		1,216			
Riviera	Florida	619	PRV4	37		1,384			
Roy E Hansel Power Plant	Florida	672	CT21	6	17	17			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Polk	Florida	7242	**4				12	12
Polk	Florida	7242	**5				7	7
Port Everglades	Florida	617	GPE01				1	1
Port Everglades	Florida	617	GPE02				1	1
Port Everglades	Florida	617	GPE03				1	1
Port Everglades	Florida	617	GPE04				0	0
Port Everglades	Florida	617	GPE05				0	0
Port Everglades	Florida	617	GPE06				1	1
Port Everglades	Florida	617	GPE07				0	0
Port Everglades	Florida	617	GPE08				0	0
Port Everglades	Florida	617	GPE09				1	1
Port Everglades	Florida	617	GPE10				1	1
Port Everglades	Florida	617	GPE11				1	1
Port Everglades	Florida	617	GPE12				1	1
Port Everglades	Florida	617	PPE1				97	97
Port Everglades	Florida	617	PPE2				101	101
Port Everglades	Florida	617	PPE3				273	273
Port Everglades	Florida	617	PPE4				285	285
Putnam	Florida	6246	HRSG11				81	81
Putnam	Florida	6246	HRSG12				80	80
Putnam	Florida	6246	HRSG21				81	81
Putnam	Florida	6246	HRSG22				80	80
Reedy Creek	Florida	7254	32432				58	58
Ridge Generating Station	Florida	54529	001				0	0
Riviera	Florida	619	PRV3				197	197
Riviera	Florida	619	PRV4				220	220
Roy E Hansel Power Plant	Florida	672	CT21				4	4

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Polk	Florida	7242	**4					
Polk	Florida	7242	**5					
Port Everglades	Florida	617	GPE01					
Port Everglades	Florida	617	GPE02					
Port Everglades	Florida	617	GPE03					
Port Everglades	Florida	617	GPE04					
Port Everglades	Florida	617	GPE05					
Port Everglades	Florida	617	GPE06					
Port Everglades	Florida	617	GPE07					
Port Everglades	Florida	617	GPE08					
Port Everglades	Florida	617	GPE09					
Port Everglades	Florida	617	GPE10					
Port Everglades	Florida	617	GPE11					
Port Everglades	Florida	617	GPE12					
Port Everglades	Florida	617	PPE1					
Port Everglades	Florida	617	PPE2					
Port Everglades	Florida	617	PPE3					
Port Everglades	Florida	617	PPE4					
Putnam	Florida	6246	HRSG11					
Putnam	Florida	6246	HRSG12					
Putnam	Florida	6246	HRSG21					
Putnam	Florida	6246	HRSG22					
Reedy Creek	Florida	7254	32432					
Ridge Generating Station	Florida	54529	001					
Riviera	Florida	619	PRV3					
Riviera	Florida	619	PRV4					
Roy E Hansel Power Plant	Florida	672	CT21					

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Polk	Florida	7242	**4			Y		
Polk	Florida	7242	**5			Y		
Port Everglades	Florida	617	GPE01			Y		
Port Everglades	Florida	617	GPE02			Y		
Port Everglades	Florida	617	GPE03			Y		
Port Everglades	Florida	617	GPE04			Y		
Port Everglades	Florida	617	GPE05			Y		
Port Everglades	Florida	617	GPE06			Y		
Port Everglades	Florida	617	GPE07			Y		
Port Everglades	Florida	617	GPE08			Y		
Port Everglades	Florida	617	GPE09			Y		
Port Everglades	Florida	617	GPE10			Y		
Port Everglades	Florida	617	GPE11			Y		
Port Everglades	Florida	617	GPE12			Y		
Port Everglades	Florida	617	PPE1			Y		
Port Everglades	Florida	617	PPE2			Y		
Port Everglades	Florida	617	PPE3			Y		
Port Everglades	Florida	617	PPE4			Y		
Putnam	Florida	6246	HRSG11			Y		
Putnam	Florida	6246	HRSG12			Y		
Putnam	Florida	6246	HRSG21			Y		
Putnam	Florida	6246	HRSG22			Y		
Reedy Creek	Florida	7254	32432			Y		
Ridge Generating Station	Florida	54529	001			Y		
Riviera	Florida	619	PRV3			Y		
Riviera	Florida	619	PRV4			Y		
Roy E Hansel Power Plant	Florida	672	CT21			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
S O Purdom	Florida	689	7	520	53,353	548,436	550,878	308,301	668,570
S O Purdom	Florida	689	8	521	13,605,365	11,274,702	11,571,763	10,532,841	9,552,589
Sanford	Florida	620	PSN3	426	988,638	712,485	504,334		
Sanford	Florida	620	SNCT4A	429	11,900,133	10,955,233	10,282,910	9,273,677	10,319,359
Sanford	Florida	620	SNCT4B	430	10,448,329	10,907,583	11,394,659	9,985,446	10,439,647
Sanford	Florida	620	SNCT4C	431	12,123,089	11,040,899	9,759,668	10,172,370	9,933,364
Sanford	Florida	620	SNCT4D	432	11,678,554	10,712,835	9,793,271	10,045,456	9,622,866
Sanford	Florida	620	SNCT5A	433	12,146,013	10,978,487	8,505,448	11,537,633	10,910,349
Sanford	Florida	620	SNCT5B	434	8,922,995	11,172,732	10,552,359	10,082,673	10,008,506
Sanford	Florida	620	SNCT5C	435	9,619,715	11,715,469	9,138,989	9,926,225	10,485,437
Sanford	Florida	620	SNCT5D	436	11,201,894	9,955,180	10,048,657	10,143,286	8,174,157
Santa Rosa Energy Center	Florida	55242	CT-1	4287		43,698	173,745	1,332,394	2,784,674
Scholz Electric Generating Plant	Florida	642	1	463	1,886,796	2,881,539	2,000,759	278	699,572
Scholz Electric Generating Plant	Florida	642	2	464	1,636,336	2,695,736	1,943,698	125,240	603,897
Seminole (136)	Florida	136	1	84	45,920,652	47,514,835	38,980,524	29,206,824	46,505,474
Seminole (136)	Florida	136	2	85	48,983,564	48,617,949	50,653,964	45,703,994	44,789,773
Shady Hills	Florida	55414	GT101	4697	1,172,976	3,800,439	4,024,197	3,319,913	3,241,001
Shady Hills	Florida	55414	GT201	4698	1,139,152	3,478,904	4,227,017	3,458,158	3,284,324
Shady Hills	Florida	55414	GT301	4699	1,158,276	3,779,821	4,066,152	3,471,242	3,550,590
St. Johns River Power	Florida	207	1	113	50,032,584	48,898,669	47,108,533	39,932,826	48,969,630
St. Johns River Power	Florida	207	2	114	48,288,749	51,921,841	44,820,154	49,271,796	48,424,141
Stanton A	Florida	55821	25	10157	10,413,425	9,731,432	9,392,686	7,883,107	7,694,530
Stanton A	Florida	55821	26	10158	10,087,638	9,400,910	9,104,017	8,290,191	7,886,080
Stock Island	Florida	6584	CT4	89604	35,607	17,721	10,467	19,041	31,634
Suwannee River	Florida	638	1	453	676,129	1,079,033	951,308	171,770	952,111
Suwannee River	Florida	638	1A	89883			294,998	217,010	187,597
Suwannee River	Florida	638	1B	89994			299,645	123,902	188,930

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
S O Purdom	Florida	689	7	589,295	1,915,047,347	0.000308		
S O Purdom	Florida	689	8	12,150,610	1,915,047,347	0.006345		
Sanford	Florida	620	PSN3	735,152	1,915,047,347	0.000384		
Sanford	Florida	620	SNCT4A	11,058,242	1,915,047,347	0.005774		
Sanford	Florida	620	SNCT4B	10,916,857	1,915,047,347	0.005701		
Sanford	Florida	620	SNCT4C	11,112,119	1,915,047,347	0.005803		
Sanford	Florida	620	SNCT4D	10,812,282	1,915,047,347	0.005646		
Sanford	Florida	620	SNCT5A	11,554,044	1,915,047,347	0.006033		
Sanford	Florida	620	SNCT5B	10,602,588	1,915,047,347	0.005536		
Sanford	Florida	620	SNCT5C	10,709,044	1,915,047,347	0.005592		
Sanford	Florida	620	SNCT5D	10,464,612	1,915,047,347	0.005464		
Santa Rosa Energy Center	Florida	55242	CT-1	1,430,271	1,915,047,347	0.000747		
Scholz Electric Generating Plant	Florida	642	1	2,256,365	1,915,047,347	0.001178		
Scholz Electric Generating Plant	Florida	642	2	2,091,923	1,915,047,347	0.001092		
Seminole (136)	Florida	136	1	46,646,987	1,915,047,347	0.024358		
Seminole (136)	Florida	136	2	49,418,492	1,915,047,347	0.025805		
Shady Hills	Florida	55414	GT101	3,714,850	1,915,047,347	0.001940		
Shady Hills	Florida	55414	GT201	3,721,360	1,915,047,347	0.001943		
Shady Hills	Florida	55414	GT301	3,798,854	1,915,047,347	0.001984		
St. Johns River Power	Florida	207	1	49,300,294	1,915,047,347	0.025744		
St. Johns River Power	Florida	207	2	49,872,593	1,915,047,347	0.026042		
Stanton A	Florida	55821	25	9,845,847	1,915,047,347	0.005141		
Stanton A	Florida	55821	26	9,530,855	1,915,047,347	0.004977		
Stock Island	Florida	6584	CT4	28,760	1,915,047,347	0.000015		
Suwannee River	Florida	638	1	994,151	1,915,047,347	0.000519		
Suwannee River	Florida	638	1A	233,202	1,915,047,347	0.000122		
Suwannee River	Florida	638	1B	204,159	1,915,047,347	0.000107		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
S O Purdom	Florida	689	7						
S O Purdom	Florida	689	8						
Sanford	Florida	620	PSN3						
Sanford	Florida	620	SNCT4A						
Sanford	Florida	620	SNCT4B						
Sanford	Florida	620	SNCT4C						
Sanford	Florida	620	SNCT4D						
Sanford	Florida	620	SNCT5A						
Sanford	Florida	620	SNCT5B						
Sanford	Florida	620	SNCT5C						
Sanford	Florida	620	SNCT5D						
Santa Rosa Energy Center	Florida	55242	CT-1						
Scholz Electric Generating Plant	Florida	642	1						
Scholz Electric Generating Plant	Florida	642	2						
Seminole (136)	Florida	136	1						
Seminole (136)	Florida	136	2						
Shady Hills	Florida	55414	GT101						
Shady Hills	Florida	55414	GT201						
Shady Hills	Florida	55414	GT301						
St. Johns River Power	Florida	207	1						
St. Johns River Power	Florida	207	2						
Stanton A	Florida	55821	25						
Stanton A	Florida	55821	26						
Stock Island	Florida	6584	CT4						
Suwannee River	Florida	638	1						
Suwannee River	Florida	638	1A						
Suwannee River	Florida	638	1B						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
S O Purdom	Florida	689	7	0	0	0	0	0	0
S O Purdom	Florida	689	8	5	2	4	5	4	10
Sanford	Florida	620	PSN3	2,041	1,083	1,133	178	301	146
Sanford	Florida	620	SNCT4A	1	4	4	4	3	3
Sanford	Florida	620	SNCT4B	1	4	4	3	3	3
Sanford	Florida	620	SNCT4C	1	4	4	4	3	3
Sanford	Florida	620	SNCT4D	1	4	4	4	3	3
Sanford	Florida	620	SNCT5A	3	4	4	4	3	3
Sanford	Florida	620	SNCT5B	3	4	4	3	3	3
Sanford	Florida	620	SNCT5C	3	4	4	3	4	3
Sanford	Florida	620	SNCT5D	3	4	3	3	3	3
Santa Rosa Energy Center	Florida	55242	CT-1	0	0			0	0
Scholz Electric Generating Plant	Florida	642	1	1,415	1,721	2,349	2,089	2,562	1,483
Scholz Electric Generating Plant	Florida	642	2	1,810	1,882	2,517	1,826	2,421	1,439
Seminole (136)	Florida	136	1	13,547	14,280	15,261	11,698	10,127	8,088
Seminole (136)	Florida	136	2	13,812	12,424	16,178	11,076	10,208	11,194
Shady Hills	Florida	55414	GT101	11	7	2	0	3	1
Shady Hills	Florida	55414	GT201	14	4	3	0	3	1
Shady Hills	Florida	55414	GT301	9	6	3	0	4	1
St. Johns River Power	Florida	207	1	9,990	11,905	8,994	9,075	6,636	4,730
St. Johns River Power	Florida	207	2	10,822	9,770	10,992	8,905	7,021	3,499
Stanton A	Florida	55821	25	3	9	2	2	2	1
Stanton A	Florida	55821	26	3	9	1	2	1	2
Stock Island	Florida	6584	CT4				18	1	2
Suwannee River	Florida	638	1	1,833	1,106	914	396	163	55
Suwannee River	Florida	638	1A						
Suwannee River	Florida	638	1B						

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
S O Purdom	Florida	689	7	0	0	0			
S O Purdom	Florida	689	8	3	3	10			
Sanford	Florida	620	PSN3			2,041			
Sanford	Florida	620	SNCT4A	3	3	4			
Sanford	Florida	620	SNCT4B	3	3	4			
Sanford	Florida	620	SNCT4C	3	3	4			
Sanford	Florida	620	SNCT4D	3	3	4			
Sanford	Florida	620	SNCT5A	3	3	4			
Sanford	Florida	620	SNCT5B	3	3	4			
Sanford	Florida	620	SNCT5C	3	3	4			
Sanford	Florida	620	SNCT5D	3	2	4			
Santa Rosa Energy Center	Florida	55242	CT-1	0	1	1			
Scholz Electric Generating Plant	Florida	642	1	0	518	2,562			
Scholz Electric Generating Plant	Florida	642	2	84	451	2,517			
Seminole (136)	Florida	136	1	7,709	8,483	15,261			
Seminole (136)	Florida	136	2	12,868	8,477	16,178			
Shady Hills	Florida	55414	GT101	1	8	11			
Shady Hills	Florida	55414	GT201	1	6	14			
Shady Hills	Florida	55414	GT301	1	4	9			
St. Johns River Power	Florida	207	1	4,154	4,786	11,905			
St. Johns River Power	Florida	207	2	4,929	4,636	10,992			
Stanton A	Florida	55821	25	2	2	9			
Stanton A	Florida	55821	26	6	2	9			
Stock Island	Florida	6584	CT4	10	1	18			
Suwannee River	Florida	638	1	3	74	1,833			
Suwannee River	Florida	638	1A	0	4	4			
Suwannee River	Florida	638	1B	1	4	4			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
S O Purdom	Florida	689	7				25	99	24
S O Purdom	Florida	689	8				167	117	171
Sanford	Florida	620	PSN3				833	402	389
Sanford	Florida	620	SNCT4A				50	170	175
Sanford	Florida	620	SNCT4B				51	161	179
Sanford	Florida	620	SNCT4C				53	167	186
Sanford	Florida	620	SNCT4D				57	192	180
Sanford	Florida	620	SNCT5A				151	165	170
Sanford	Florida	620	SNCT5B				158	188	177
Sanford	Florida	620	SNCT5C				127	179	166
Sanford	Florida	620	SNCT5D				161	163	176
Santa Rosa Energy Center	Florida	55242	CT-1				5	2	0
Scholz Electric Generating Plant	Florida	642	1				613	702	585
Scholz Electric Generating Plant	Florida	642	2				809	801	749
Seminole (136)	Florida	136	1				11,123	10,966	11,454
Seminole (136)	Florida	136	2				10,848	9,345	12,181
Shady Hills	Florida	55414	GT101				62	41	27
Shady Hills	Florida	55414	GT201				75	30	29
Shady Hills	Florida	55414	GT301				58	37	28
St. Johns River Power	Florida	207	1				12,140	12,939	8,854
St. Johns River Power	Florida	207	2				12,842	9,394	9,641
Stanton A	Florida	55821	25				25	70	65
Stanton A	Florida	55821	26				20	68	66
Stock Island	Florida	6584	CT4						
Suwannee River	Florida	638	1				305	192	257
Suwannee River	Florida	638	1A						
Suwannee River	Florida	638	1B						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
S O Purdom	Florida	689	7	6	66	60	35	73	99
S O Purdom	Florida	689	8	180	156	166	128	126	180
Sanford	Florida	620	PSN3	180	129	84			833
Sanford	Florida	620	SNCT4A	176	163	143	135	150	176
Sanford	Florida	620	SNCT4B	160	165	174	150	154	179
Sanford	Florida	620	SNCT4C	183	166	146	151	151	186
Sanford	Florida	620	SNCT4D	179	164	148	152	152	192
Sanford	Florida	620	SNCT5A	179	160	129	176	159	179
Sanford	Florida	620	SNCT5B	133	169	163	158	151	188
Sanford	Florida	620	SNCT5C	145	177	145	156	159	179
Sanford	Florida	620	SNCT5D	170	147	155	153	130	176
Santa Rosa Energy Center	Florida	55242	CT-1		3	13	53	59	59
Scholz Electric Generating Plant	Florida	642	1	547	858	655	0	204	858
Scholz Electric Generating Plant	Florida	642	2	489	814	637	41	179	814
Seminole (136)	Florida	136	1	10,752	8,428	7,342	2,321	1,185	11,454
Seminole (136)	Florida	136	2	11,967	9,670	9,996	2,080	1,204	12,181
Shady Hills	Florida	55414	GT101	19	64	64	52	69	69
Shady Hills	Florida	55414	GT201	19	60	66	55	67	75
Shady Hills	Florida	55414	GT301	19	65	67	56	64	67
St. Johns River Power	Florida	207	1	10,509	10,317	9,543	3,673	3,453	12,939
St. Johns River Power	Florida	207	2	11,189	11,714	10,040	3,423	3,258	12,842
Stanton A	Florida	55821	25	68	65	63	49	47	70
Stanton A	Florida	55821	26	66	64	63	54	50	68
Stock Island	Florida	6584	CT4	37	1	1	2	3	37
Suwannee River	Florida	638	1	117	94	78	14	67	305
Suwannee River	Florida	638	1A			33	24	27	33
Suwannee River	Florida	638	1B			37	15	33	37

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
S O Purdom	Florida	689	7						
S O Purdom	Florida	689	8						
Sanford	Florida	620	PSN3						
Sanford	Florida	620	SNCT4A						
Sanford	Florida	620	SNCT4B						
Sanford	Florida	620	SNCT4C						
Sanford	Florida	620	SNCT4D						
Sanford	Florida	620	SNCT5A						
Sanford	Florida	620	SNCT5B						
Sanford	Florida	620	SNCT5C						
Sanford	Florida	620	SNCT5D						
Santa Rosa Energy Center	Florida	55242	CT-1						
Scholz Electric Generating Plant	Florida	642	1						
Scholz Electric Generating Plant	Florida	642	2						
Seminole (136)	Florida	136	1						
Seminole (136)	Florida	136	2						
Shady Hills	Florida	55414	GT101						
Shady Hills	Florida	55414	GT201						
Shady Hills	Florida	55414	GT301						
St. Johns River Power	Florida	207	1						
St. Johns River Power	Florida	207	2						
Stanton A	Florida	55821	25						
Stanton A	Florida	55821	26						
Stock Island	Florida	6584	CT4						
Suwannee River	Florida	638	1						
Suwannee River	Florida	638	1A						
Suwannee River	Florida	638	1B						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
S O Purdom	Florida	689	7				
S O Purdom	Florida	689	8				
Sanford	Florida	620	PSN3				
Sanford	Florida	620	SNCT4A				
Sanford	Florida	620	SNCT4B				
Sanford	Florida	620	SNCT4C				
Sanford	Florida	620	SNCT4D				
Sanford	Florida	620	SNCT5A				
Sanford	Florida	620	SNCT5B				
Sanford	Florida	620	SNCT5C				
Sanford	Florida	620	SNCT5D				
Santa Rosa Energy Center	Florida	55242	CT-1				
Scholz Electric Generating Plant	Florida	642	1				
Scholz Electric Generating Plant	Florida	642	2				
Seminole (136)	Florida	136	1				
Seminole (136)	Florida	136	2				
Shady Hills	Florida	55414	GT101				
Shady Hills	Florida	55414	GT201				
Shady Hills	Florida	55414	GT301				
St. Johns River Power	Florida	207	1				
St. Johns River Power	Florida	207	2				
Stanton A	Florida	55821	25				
Stanton A	Florida	55821	26				
Stock Island	Florida	6584	CT4				
Suwannee River	Florida	638	1				
Suwannee River	Florida	638	1A				
Suwannee River	Florida	638	1B				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
S O Purdom	Florida	689	7				
S O Purdom	Florida	689	8				
Sanford	Florida	620	PSN3				
Sanford	Florida	620	SNCT4A				
Sanford	Florida	620	SNCT4B				
Sanford	Florida	620	SNCT4C				
Sanford	Florida	620	SNCT4D				
Sanford	Florida	620	SNCT5A				
Sanford	Florida	620	SNCT5B				
Sanford	Florida	620	SNCT5C				
Sanford	Florida	620	SNCT5D				
Santa Rosa Energy Center	Florida	55242	CT-1				
Scholz Electric Generating Plant	Florida	642	1				
Scholz Electric Generating Plant	Florida	642	2				
Seminole (136)	Florida	136	1				
Seminole (136)	Florida	136	2				
Shady Hills	Florida	55414	GT101				
Shady Hills	Florida	55414	GT201				
Shady Hills	Florida	55414	GT301				
St. Johns River Power	Florida	207	1				
St. Johns River Power	Florida	207	2				
Stanton A	Florida	55821	25				
Stanton A	Florida	55821	26				
Stock Island	Florida	6584	CT4				
Suwannee River	Florida	638	1				
Suwannee River	Florida	638	1A				
Suwannee River	Florida	638	1B				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
S O Purdom	Florida	689	7				
S O Purdom	Florida	689	8				
Sanford	Florida	620	PSN3				
Sanford	Florida	620	SNCT4A				
Sanford	Florida	620	SNCT4B				
Sanford	Florida	620	SNCT4C				
Sanford	Florida	620	SNCT4D				
Sanford	Florida	620	SNCT5A				
Sanford	Florida	620	SNCT5B				
Sanford	Florida	620	SNCT5C				
Sanford	Florida	620	SNCT5D				
Santa Rosa Energy Center	Florida	55242	CT-1				
Scholz Electric Generating Plant	Florida	642	1				
Scholz Electric Generating Plant	Florida	642	2				
Seminole (136)	Florida	136	1				
Seminole (136)	Florida	136	2				
Shady Hills	Florida	55414	GT101				
Shady Hills	Florida	55414	GT201				
Shady Hills	Florida	55414	GT301				
St. Johns River Power	Florida	207	1				
St. Johns River Power	Florida	207	2				
Stanton A	Florida	55821	25				
Stanton A	Florida	55821	26				
Stock Island	Florida	6584	CT4				
Suwannee River	Florida	638	1				
Suwannee River	Florida	638	1A				
Suwannee River	Florida	638	1B				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
S O Purdom	Florida	689	7	53,193	204,344	491,663	166,892	287,873	327,960
S O Purdom	Florida	689	8	5,737,624	5,552,387	4,828,879	4,745,865	3,900,325	5,372,963
Sanford	Florida	620	PSN3	804,102	540,746	318,064			554,304
Sanford	Florida	620	SNCT4A	4,873,340	4,498,456	5,006,660	3,469,716	4,926,961	4,935,654
Sanford	Florida	620	SNCT4B	3,408,852	4,135,137	5,267,443	4,763,631	4,971,880	5,000,985
Sanford	Florida	620	SNCT4C	4,937,605	4,483,349	4,994,927	5,239,068	4,880,258	5,057,200
Sanford	Florida	620	SNCT4D	4,641,320	4,125,153	4,910,566	4,543,305	4,746,668	4,766,185
Sanford	Florida	620	SNCT5A	5,485,222	5,134,421	5,222,624	5,051,843	5,121,057	5,280,755
Sanford	Florida	620	SNCT5B	5,541,102	5,175,777	4,989,779	4,868,928	4,434,683	5,235,553
Sanford	Florida	620	SNCT5C	3,363,780	5,346,757	5,195,817	4,346,390	5,038,160	5,193,578
Sanford	Florida	620	SNCT5D	5,373,935	5,201,226	4,878,177	4,893,696	2,850,705	5,156,286
Santa Rosa Energy Center	Florida	55242	CT-1			163,409	1,065,851	2,255,062	1,161,441
Scholz Electric Generating Plant	Florida	642	1	909,673	1,327,655	1,014,799		403,773	1,084,042
Scholz Electric Generating Plant	Florida	642	2	797,250	1,266,617	1,028,233	51,279	342,973	1,030,700
Seminole (136)	Florida	136	1	22,014,609	22,090,854	20,650,859	9,220,985	22,302,849	22,136,104
Seminole (136)	Florida	136	2	22,672,160	22,530,792	22,044,725	23,912,296	21,176,988	23,038,416
Shady Hills	Florida	55414	GT101	779,043	2,168,767	2,447,011	1,940,611	2,197,462	2,271,080
Shady Hills	Florida	55414	GT201	751,817	2,170,453	2,581,964	1,967,069	2,249,859	2,334,092
Shady Hills	Florida	55414	GT301	813,716	2,114,140	2,514,829	1,960,598	2,392,941	2,340,637
St. Johns River Power	Florida	207	1	20,963,201	22,278,680	20,564,222	19,257,668	22,011,018	21,750,966
St. Johns River Power	Florida	207	2	24,237,058	21,043,760	22,537,907	20,193,102	22,978,441	23,251,135
Stanton A	Florida	55821	25	4,925,212	4,838,182	4,225,848	4,564,861	3,473,584	4,776,085
Stanton A	Florida	55821	26	4,735,673	4,730,957	4,355,678	4,525,008	3,590,187	4,663,879
Stock Island	Florida	6584	CT4	554	15,349	5,916	6,004	6,210	9,188
Suwannee River	Florida	638	1	663,117	824,444	936,213	171,770	637,525	807,925
Suwannee River	Florida	638	1A			200,195	106,635	124,081	143,637
Suwannee River	Florida	638	1B			193,459	43,560	124,889	120,636

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
S O Purdom	Florida	689	7	955,294,478	0.000343	28,071	27,268	10	9
S O Purdom	Florida	689	8	955,294,478	0.005624	28,071	27,268	158	153
Sanford	Florida	620	PSN3	955,294,478	0.000580	28,071	27,268	16	16
Sanford	Florida	620	SNCT4A	955,294,478	0.005167	28,071	27,268	145	141
Sanford	Florida	620	SNCT4B	955,294,478	0.005235	28,071	27,268	147	143
Sanford	Florida	620	SNCT4C	955,294,478	0.005294	28,071	27,268	149	144
Sanford	Florida	620	SNCT4D	955,294,478	0.004989	28,071	27,268	140	136
Sanford	Florida	620	SNCT5A	955,294,478	0.005528	28,071	27,268	155	151
Sanford	Florida	620	SNCT5B	955,294,478	0.005481	28,071	27,268	154	149
Sanford	Florida	620	SNCT5C	955,294,478	0.005437	28,071	27,268	153	148
Sanford	Florida	620	SNCT5D	955,294,478	0.005398	28,071	27,268	152	147
Santa Rosa Energy Center	Florida	55242	CT-1	955,294,478	0.001216	28,071	27,268	34	33
Scholz Electric Generating Plant	Florida	642	1	955,294,478	0.001135	28,071	27,268	32	31
Scholz Electric Generating Plant	Florida	642	2	955,294,478	0.001079	28,071	27,268	30	29
Seminole (136)	Florida	136	1	955,294,478	0.023172	28,071	27,268	650	632
Seminole (136)	Florida	136	2	955,294,478	0.024117	28,071	27,268	677	658
Shady Hills	Florida	55414	GT101	955,294,478	0.002377	28,071	27,268	67	65
Shady Hills	Florida	55414	GT201	955,294,478	0.002443	28,071	27,268	69	67
Shady Hills	Florida	55414	GT301	955,294,478	0.002450	28,071	27,268	69	67
St. Johns River Power	Florida	207	1	955,294,478	0.022769	28,071	27,268	639	621
St. Johns River Power	Florida	207	2	955,294,478	0.024339	28,071	27,268	683	664
Stanton A	Florida	55821	25	955,294,478	0.005000	28,071	27,268	140	136
Stanton A	Florida	55821	26	955,294,478	0.004882	28,071	27,268	137	133
Stock Island	Florida	6584	CT4	955,294,478	0.000010	28,071	27,268	0	0
Suwannee River	Florida	638	1	955,294,478	0.000846	28,071	27,268	24	23
Suwannee River	Florida	638	1A	955,294,478	0.000150	28,071	27,268	4	4
Suwannee River	Florida	638	1B	955,294,478	0.000126	28,071	27,268	4	3

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
S O Purdom	Florida	689	7	11	45	20	6	23	55
S O Purdom	Florida	689	8	70	48	80	78	82	68
Sanford	Florida	620	PSN3	484	358	298	143	96	50
Sanford	Florida	620	SNCT4A	18	74	74	70	66	67
Sanford	Florida	620	SNCT4B	17	69	77	51	62	80
Sanford	Florida	620	SNCT4C	18	66	82	71	67	74
Sanford	Florida	620	SNCT4D	20	72	82	68	62	73
Sanford	Florida	620	SNCT5A	67	75	71	79	73	77
Sanford	Florida	620	SNCT5B	70	67	71	80	79	76
Sanford	Florida	620	SNCT5C	64	71	71	49	77	81
Sanford	Florida	620	SNCT5D	76	68	66	78	75	75
Santa Rosa Energy Center	Florida	55242	CT-1	3	2	0			12
Scholz Electric Generating Plant	Florida	642	1	269	295	297	252	403	339
Scholz Electric Generating Plant	Florida	642	2	347	327	409	225	383	344
Seminole (136)	Florida	136	1	5,091	4,379	5,401	5,478	3,962	3,930
Seminole (136)	Florida	136	2	4,605	4,275	5,190	5,574	3,867	4,398
Shady Hills	Florida	55414	GT101	31	33	21	13	32	37
Shady Hills	Florida	55414	GT201	39	25	22	12	33	39
Shady Hills	Florida	55414	GT301	36	28	21	13	31	41
St. Johns River Power	Florida	207	1	5,671	5,676	4,562	4,549	4,607	4,248
St. Johns River Power	Florida	207	2	5,202	4,227	4,131	5,582	4,738	5,322
Stanton A	Florida	55821	25	9	37	33	32	33	30
Stanton A	Florida	55821	26	5	36	32	31	32	31
Stock Island	Florida	6584	CT4				0	1	0
Suwannee River	Florida	638	1	227	167	203	114	75	76
Suwannee River	Florida	638	1A						22
Suwannee River	Florida	638	1B						23

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
S O Purdom	Florida	689	7	18	26	55			
S O Purdom	Florida	689	8	52	47	82			
Sanford	Florida	620	PSN3			484			
Sanford	Florida	620	SNCT4A	51	69	74			
Sanford	Florida	620	SNCT4B	70	73	80			
Sanford	Florida	620	SNCT4C	76	74	82			
Sanford	Florida	620	SNCT4D	67	74	82			
Sanford	Florida	620	SNCT5A	77	73	79			
Sanford	Florida	620	SNCT5B	72	65	80			
Sanford	Florida	620	SNCT5C	66	73	81			
Sanford	Florida	620	SNCT5D	71	46	78			
Santa Rosa Energy Center	Florida	55242	CT-1	42	40	42			
Scholz Electric Generating Plant	Florida	642	1		114	403			
Scholz Electric Generating Plant	Florida	642	2	17	98	409			
Seminole (136)	Florida	136	1	289	485	5,478			
Seminole (136)	Florida	136	2	575	507	5,574			
Shady Hills	Florida	55414	GT101	29	35	37			
Shady Hills	Florida	55414	GT201	30	35	39			
Shady Hills	Florida	55414	GT301	30	37	41			
St. Johns River Power	Florida	207	1	1,499	1,381	5,676			
St. Johns River Power	Florida	207	2	1,126	1,448	5,582			
Stanton A	Florida	55821	25	27	21	37			
Stanton A	Florida	55821	26	28	23	36			
Stock Island	Florida	6584	CT4	1	1	1			
Suwannee River	Florida	638	1	14	42	227			
Suwannee River	Florida	638	1A	12	16	22			
Suwannee River	Florida	638	1B	5	17	23			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
S O Purdom	Florida	689	7				14	14
S O Purdom	Florida	689	8				82	82
Sanford	Florida	620	PSN3				23	23
Sanford	Florida	620	SNCT4A				74	74
Sanford	Florida	620	SNCT4B				80	80
Sanford	Florida	620	SNCT4C				82	82
Sanford	Florida	620	SNCT4D				82	82
Sanford	Florida	620	SNCT5A				79	79
Sanford	Florida	620	SNCT5B				80	80
Sanford	Florida	620	SNCT5C				81	81
Sanford	Florida	620	SNCT5D				78	78
Santa Rosa Energy Center	Florida	55242	CT-1				42	42
Scholz Electric Generating Plant	Florida	642	1				45	45
Scholz Electric Generating Plant	Florida	642	2				43	43
Seminole (136)	Florida	136	1				919	919
Seminole (136)	Florida	136	2				957	957
Shady Hills	Florida	55414	GT101				37	37
Shady Hills	Florida	55414	GT201				39	39
Shady Hills	Florida	55414	GT301				41	41
St. Johns River Power	Florida	207	1				903	903
St. Johns River Power	Florida	207	2				966	966
Stanton A	Florida	55821	25				37	37
Stanton A	Florida	55821	26				36	36
Stock Island	Florida	6584	CT4				0	0
Suwannee River	Florida	638	1				34	34
Suwannee River	Florida	638	1A				6	6
Suwannee River	Florida	638	1B				5	5

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
S O Purdom	Florida	689	7					
S O Purdom	Florida	689	8					
Sanford	Florida	620	PSN3					
Sanford	Florida	620	SNCT4A					
Sanford	Florida	620	SNCT4B					
Sanford	Florida	620	SNCT4C					
Sanford	Florida	620	SNCT4D					
Sanford	Florida	620	SNCT5A					
Sanford	Florida	620	SNCT5B					
Sanford	Florida	620	SNCT5C					
Sanford	Florida	620	SNCT5D					
Santa Rosa Energy Center	Florida	55242	CT-1					
Scholz Electric Generating Plant	Florida	642	1					
Scholz Electric Generating Plant	Florida	642	2					
Seminole (136)	Florida	136	1					
Seminole (136)	Florida	136	2					
Shady Hills	Florida	55414	GT101					
Shady Hills	Florida	55414	GT201					
Shady Hills	Florida	55414	GT301					
St. Johns River Power	Florida	207	1					
St. Johns River Power	Florida	207	2					
Stanton A	Florida	55821	25					
Stanton A	Florida	55821	26					
Stock Island	Florida	6584	CT4					
Suwannee River	Florida	638	1					
Suwannee River	Florida	638	1A					
Suwannee River	Florida	638	1B					

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
S O Purdom	Florida	689	7			Y		
S O Purdom	Florida	689	8			Y		
Sanford	Florida	620	PSN3			Y		
Sanford	Florida	620	SNCT4A			Y		
Sanford	Florida	620	SNCT4B			Y		
Sanford	Florida	620	SNCT4C			Y		
Sanford	Florida	620	SNCT4D			Y		
Sanford	Florida	620	SNCT5A			Y		
Sanford	Florida	620	SNCT5B			Y		
Sanford	Florida	620	SNCT5C			Y		
Sanford	Florida	620	SNCT5D			Y		
Santa Rosa Energy Center	Florida	55242	CT-1			Y		
Scholz Electric Generating Plant	Florida	642	1			Y		
Scholz Electric Generating Plant	Florida	642	2			Y		
Seminole (136)	Florida	136	1			Y		
Seminole (136)	Florida	136	2			Y		
Shady Hills	Florida	55414	GT101			Y		
Shady Hills	Florida	55414	GT201			Y		
Shady Hills	Florida	55414	GT301			Y		
St. Johns River Power	Florida	207	1			Y		
St. Johns River Power	Florida	207	2			Y		
Stanton A	Florida	55821	25			Y		
Stanton A	Florida	55821	26			Y		
Stock Island	Florida	6584	CT4			Y		
Suwannee River	Florida	638	1			Y		
Suwannee River	Florida	638	1A			Y		
Suwannee River	Florida	638	1B			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Suwannee River	Florida	638	2	454	675,077	1,004,798	1,010,715	701,489	1,238,093
Suwannee River	Florida	638	2A	89884			49,644	27,802	52,444
Suwannee River	Florida	638	2B	89993			52,272	29,590	47,199
Suwannee River	Florida	638	3	455	1,332,985	1,418,993	2,427,724	1,993,156	2,960,353
Suwannee River	Florida	638	3A	89885			295,456	308,483	202,941
Suwannee River	Florida	638	3B	89995			338,311	294,513	174,718
Tiger Bay	Florida	7699	1	3141	7,879,908	6,481,755	4,290,921	7,744,302	6,714,813
Tom G Smith	Florida	673	GT1	90277				3,480	2,610
Tom G Smith	Florida	673	S-3	507	74,529	69,491	21,013	45,670	38,662
Treasure Coast Energy Center	Florida	56400	1	89720			7,389,551	11,576,530	12,664,389
Turkey Point	Florida	621	PTP1	437	9,933,135	9,395,940	5,944,349	4,921,211	5,815,155
Turkey Point	Florida	621	PTP2	438	14,971,122	8,555,277	5,804,331	6,480,519	5,092,829
Turkey Point	Florida	621	TPCT5A	89540		9,529,562	11,267,267	12,576,377	10,706,295
Turkey Point	Florida	621	TPCT5B	89541		9,538,912	10,978,521	12,244,785	9,893,082
Turkey Point	Florida	621	TPCT5C	89542		9,557,781	10,936,584	11,967,880	10,856,158
Turkey Point	Florida	621	TPCT5D	89543		9,546,148	11,073,534	11,860,494	9,955,848
University of Florida	Florida	7345	1	3102	3,371,213	3,398,958	3,345,188	3,190,240	3,351,777
Vandolah Power Project	Florida	55415	GT101	4700	729,275	836,352	296,754	61,866	563,079
Vandolah Power Project	Florida	55415	GT201	4701	329,398	526,932	942,143	203,873	460,535
Vandolah Power Project	Florida	55415	GT301	4702	270,854	459,309	212,384	531,749	1,255,120
Vandolah Power Project	Florida	55415	GT401	4703	216,280	405,611	230,471	207,644	1,631,455
Vero Beach Municipal	Florida	693	**5	522	351,559	488,873	348,444	365,182	435,920
Vero Beach Municipal	Florida	693	3	523	62,032	81,567	44,947	51,847	34,357
Vero Beach Municipal	Florida	693	4	524	185,602	295,127	165,295	201,884	153,671
West County Energy Center	Florida	56407	WCCT1A	89726				4,483,120	16,379,205
West County Energy Center	Florida	56407	WCCT1B	89727				4,683,294	15,292,263
West County Energy Center	Florida	56407	WCCT1C	89728				3,770,152	13,149,403

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Suwannee River	Florida	638	2	1,084,535	1,915,047,347	0.000566		
Suwannee River	Florida	638	2A	43,297	1,915,047,347	0.000023		
Suwannee River	Florida	638	2B	43,020	1,915,047,347	0.000022		
Suwannee River	Florida	638	3	2,460,411	1,915,047,347	0.001285		
Suwannee River	Florida	638	3A	268,960	1,915,047,347	0.000140		
Suwannee River	Florida	638	3B	269,181	1,915,047,347	0.000141		
Tiger Bay	Florida	7699	1	7,446,341	1,915,047,347	0.003888		
Tom G Smith	Florida	673	GT1	3,045	1,915,047,347	0.000002		
Tom G Smith	Florida	673	S-3	63,230	1,915,047,347	0.000033		
Treasure Coast Energy Center	Florida	56400	1	10,543,490	1,915,047,347	0.005506		
Turkey Point	Florida	621	PTP1	8,424,475	1,915,047,347	0.004399		
Turkey Point	Florida	621	PTP2	10,002,306	1,915,047,347	0.005223		
Turkey Point	Florida	621	TPCT5A	11,516,646	1,915,047,347	0.006014		
Turkey Point	Florida	621	TPCT5B	11,038,796	1,915,047,347	0.005764		
Turkey Point	Florida	621	TPCT5C	11,253,541	1,915,047,347	0.005876		
Turkey Point	Florida	621	TPCT5D	10,963,292	1,915,047,347	0.005725		
University of Florida	Florida	7345	1	3,373,983	1,915,047,347	0.001762		
Vandolah Power Project	Florida	55415	GT101	709,569	1,915,047,347	0.000371		
Vandolah Power Project	Florida	55415	GT201	643,204	1,915,047,347	0.000336		
Vandolah Power Project	Florida	55415	GT301	748,726	1,915,047,347	0.000391		
Vandolah Power Project	Florida	55415	GT401	755,846	1,915,047,347	0.000395		
Vero Beach Municipal	Florida	693	**5	429,992	1,915,047,347	0.000225		
Vero Beach Municipal	Florida	693	3	65,149	1,915,047,347	0.000034		
Vero Beach Municipal	Florida	693	4	227,538	1,915,047,347	0.000119		
West County Energy Center	Florida	56407	WCCT1A	10,431,162	1,915,047,347	0.005447		
West County Energy Center	Florida	56407	WCCT1B	9,987,778	1,915,047,347	0.005215		
West County Energy Center	Florida	56407	WCCT1C	8,459,777	1,915,047,347	0.004418		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Suwannee River	Florida	638	2						
Suwannee River	Florida	638	2A						
Suwannee River	Florida	638	2B						
Suwannee River	Florida	638	3						
Suwannee River	Florida	638	3A						
Suwannee River	Florida	638	3B						
Tiger Bay	Florida	7699	1						
Tom G Smith	Florida	673	GT1						
Tom G Smith	Florida	673	S-3						
Treasure Coast Energy Center	Florida	56400	1						
Turkey Point	Florida	621	PTP1						
Turkey Point	Florida	621	PTP2						
Turkey Point	Florida	621	TPCT5A						
Turkey Point	Florida	621	TPCT5B						
Turkey Point	Florida	621	TPCT5C						
Turkey Point	Florida	621	TPCT5D						
University of Florida	Florida	7345	1						
Vandolah Power Project	Florida	55415	GT101						
Vandolah Power Project	Florida	55415	GT201						
Vandolah Power Project	Florida	55415	GT301						
Vandolah Power Project	Florida	55415	GT401						
Vero Beach Municipal	Florida	693	**5						
Vero Beach Municipal	Florida	693	3						
Vero Beach Municipal	Florida	693	4						
West County Energy Center	Florida	56407	WCCT1A						
West County Energy Center	Florida	56407	WCCT1B						
West County Energy Center	Florida	56407	WCCT1C						

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Suwannee River	Florida	638	2	1,885	1,360	846	419	498	72
Suwannee River	Florida	638	2A						
Suwannee River	Florida	638	2B						
Suwannee River	Florida	638	3	1,183	877	1,264	367	223	116
Suwannee River	Florida	638	3A						
Suwannee River	Florida	638	3B						
Tiger Bay	Florida	7699	1	3	3	2	2	2	1
Tom G Smith	Florida	673	GT1						
Tom G Smith	Florida	673	S-3	16	0	13	0	0	0
Treasure Coast Energy Center	Florida	56400	1						2
Turkey Point	Florida	621	PTP1	5,780	6,375	6,893	2,100	4,223	2,234
Turkey Point	Florida	621	PTP2	7,502	6,459	6,065	3,137	3,669	2,403
Turkey Point	Florida	621	TPCT5A					3	3
Turkey Point	Florida	621	TPCT5B					3	3
Turkey Point	Florida	621	TPCT5C					3	3
Turkey Point	Florida	621	TPCT5D					3	3
University of Florida	Florida	7345	1	1	1	1	1	1	1
Vandolah Power Project	Florida	55415	GT101	5	4	5	0	1	1
Vandolah Power Project	Florida	55415	GT201	4	4	7	1	2	0
Vandolah Power Project	Florida	55415	GT301	3	3	4	0	11	0
Vandolah Power Project	Florida	55415	GT401	4	2	6	1	2	0
Vero Beach Municipal	Florida	693	**5	0	0	0	0	0	0
Vero Beach Municipal	Florida	693	3	6	1	9	0	0	0
Vero Beach Municipal	Florida	693	4	15	1	17	1	0	0
West County Energy Center	Florida	56407	WCCT1A						
West County Energy Center	Florida	56407	WCCT1B						
West County Energy Center	Florida	56407	WCCT1C						

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Suwannee River	Florida	638	2	12	133	1,885			
Suwannee River	Florida	638	2A	3	4	4			
Suwannee River	Florida	638	2B	4	4	4			
Suwannee River	Florida	638	3	60	328	1,264			
Suwannee River	Florida	638	3A	1	4	4			
Suwannee River	Florida	638	3B	1	4	4			
Tiger Bay	Florida	7699	1	2	2	3			
Tom G Smith	Florida	673	GT1	1	1	1			
Tom G Smith	Florida	673	S-3	0	2	16			
Treasure Coast Energy Center	Florida	56400	1	4	4	4			
Turkey Point	Florida	621	PTP1	1,784	1,595	6,893			
Turkey Point	Florida	621	PTP2	2,420	1,576	7,502			
Turkey Point	Florida	621	TPCT5A	4	3	4			
Turkey Point	Florida	621	TPCT5B	4	3	4			
Turkey Point	Florida	621	TPCT5C	4	3	4			
Turkey Point	Florida	621	TPCT5D	4	3	4			
University of Florida	Florida	7345	1	1	1	1			
Vandolah Power Project	Florida	55415	GT101	13	10	13			
Vandolah Power Project	Florida	55415	GT201	32	52	52			
Vandolah Power Project	Florida	55415	GT301	13	39	39			
Vandolah Power Project	Florida	55415	GT401	3	55	55			
Vero Beach Municipal	Florida	693	**5	0	0	0			
Vero Beach Municipal	Florida	693	3	0	5	9			
Vero Beach Municipal	Florida	693	4	0	21	21			
West County Energy Center	Florida	56407	WCCT1A	1	5	5			
West County Energy Center	Florida	56407	WCCT1B	1	5	5			
West County Energy Center	Florida	56407	WCCT1C	1	4	4			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Suwannee River	Florida	638	2				286	207	178
Suwannee River	Florida	638	2A						
Suwannee River	Florida	638	2B						
Suwannee River	Florida	638	3				351	413	428
Suwannee River	Florida	638	3A						
Suwannee River	Florida	638	3B						
Tiger Bay	Florida	7699	1				167	140	110
Tom G Smith	Florida	673	GT1						
Tom G Smith	Florida	673	S-3				10	2	10
Treasure Coast Energy Center	Florida	56400	1						
Turkey Point	Florida	621	PTP1				2,946	3,278	3,021
Turkey Point	Florida	621	PTP2				4,257	3,626	3,133
Turkey Point	Florida	621	TPCT5A						
Turkey Point	Florida	621	TPCT5B						
Turkey Point	Florida	621	TPCT5C						
Turkey Point	Florida	621	TPCT5D						
University of Florida	Florida	7345	1				107	98	122
Vandolah Power Project	Florida	55415	GT101				23	15	41
Vandolah Power Project	Florida	55415	GT201				23	13	38
Vandolah Power Project	Florida	55415	GT301				14	13	17
Vandolah Power Project	Florida	55415	GT401				18	8	21
Vero Beach Municipal	Florida	693	**5				7	4	5
Vero Beach Municipal	Florida	693	3				6	2	6
Vero Beach Municipal	Florida	693	4				15	2	11
West County Energy Center	Florida	56407	WCCT1A						
West County Energy Center	Florida	56407	WCCT1B						
West County Energy Center	Florida	56407	WCCT1C						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Suwannee River	Florida	638	2	107	139	109	68	128	286
Suwannee River	Florida	638	2A			6	3	12	12
Suwannee River	Florida	638	2B			5	3	11	11
Suwannee River	Florida	638	3	187	206	317	258	406	428
Suwannee River	Florida	638	3A			30	32	26	32
Suwannee River	Florida	638	3B			38	50	30	50
Tiger Bay	Florida	7699	1	125	95	70	112	90	167
Tom G Smith	Florida	673	GT1				2	2	2
Tom G Smith	Florida	673	S-3	16	10	4	8	6	16
Treasure Coast Energy Center	Florida	56400	1			105	33	35	105
Turkey Point	Florida	621	PTP1	1,755	1,483	892	599	889	3,278
Turkey Point	Florida	621	PTP2	2,467	1,589	952	958	914	4,257
Turkey Point	Florida	621	TPCT5A		98	42	46	41	98
Turkey Point	Florida	621	TPCT5B		56	43	54	40	56
Turkey Point	Florida	621	TPCT5C		38	47	46	39	47
Turkey Point	Florida	621	TPCT5D		39	41	44	47	47
University of Florida	Florida	7345	1	113	110	106	102	115	122
Vandolah Power Project	Florida	55415	GT101	14	15	5	2	11	41
Vandolah Power Project	Florida	55415	GT201	7	11	15	7	13	38
Vandolah Power Project	Florida	55415	GT301	5	10	3	10	26	26
Vandolah Power Project	Florida	55415	GT401	4	6	3	4	33	33
Vero Beach Municipal	Florida	693	**5	4	8	6	6	6	8
Vero Beach Municipal	Florida	693	3	3	4	3	3	4	6
Vero Beach Municipal	Florida	693	4	12	21	10	14	15	21
West County Energy Center	Florida	56407	WCCT1A				29	51	51
West County Energy Center	Florida	56407	WCCT1B				29	47	47
West County Energy Center	Florida	56407	WCCT1C				26	42	42

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Suwannee River	Florida	638	2						
Suwannee River	Florida	638	2A						
Suwannee River	Florida	638	2B						
Suwannee River	Florida	638	3						
Suwannee River	Florida	638	3A						
Suwannee River	Florida	638	3B						
Tiger Bay	Florida	7699	1						
Tom G Smith	Florida	673	GT1						
Tom G Smith	Florida	673	S-3						
Treasure Coast Energy Center	Florida	56400	1						
Turkey Point	Florida	621	PTP1						
Turkey Point	Florida	621	PTP2						
Turkey Point	Florida	621	TPCT5A						
Turkey Point	Florida	621	TPCT5B						
Turkey Point	Florida	621	TPCT5C						
Turkey Point	Florida	621	TPCT5D						
University of Florida	Florida	7345	1						
Vandolah Power Project	Florida	55415	GT101						
Vandolah Power Project	Florida	55415	GT201						
Vandolah Power Project	Florida	55415	GT301						
Vandolah Power Project	Florida	55415	GT401						
Vero Beach Municipal	Florida	693	**5						
Vero Beach Municipal	Florida	693	3						
Vero Beach Municipal	Florida	693	4						
West County Energy Center	Florida	56407	WCCT1A						
West County Energy Center	Florida	56407	WCCT1B						
West County Energy Center	Florida	56407	WCCT1C						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Suwannee River	Florida	638	2				
Suwannee River	Florida	638	2A				
Suwannee River	Florida	638	2B				
Suwannee River	Florida	638	3				
Suwannee River	Florida	638	3A				
Suwannee River	Florida	638	3B				
Tiger Bay	Florida	7699	1				
Tom G Smith	Florida	673	GT1				
Tom G Smith	Florida	673	S-3				
Treasure Coast Energy Center	Florida	56400	1				
Turkey Point	Florida	621	PTP1				
Turkey Point	Florida	621	PTP2				
Turkey Point	Florida	621	TPCT5A				
Turkey Point	Florida	621	TPCT5B				
Turkey Point	Florida	621	TPCT5C				
Turkey Point	Florida	621	TPCT5D				
University of Florida	Florida	7345	1				
Vandolah Power Project	Florida	55415	GT101				
Vandolah Power Project	Florida	55415	GT201				
Vandolah Power Project	Florida	55415	GT301				
Vandolah Power Project	Florida	55415	GT401				
Vero Beach Municipal	Florida	693	**5				
Vero Beach Municipal	Florida	693	3				
Vero Beach Municipal	Florida	693	4				
West County Energy Center	Florida	56407	WCCT1A				
West County Energy Center	Florida	56407	WCCT1B				
West County Energy Center	Florida	56407	WCCT1C				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Suwannee River	Florida	638	2				
Suwannee River	Florida	638	2A				
Suwannee River	Florida	638	2B				
Suwannee River	Florida	638	3				
Suwannee River	Florida	638	3A				
Suwannee River	Florida	638	3B				
Tiger Bay	Florida	7699	1				
Tom G Smith	Florida	673	GT1				
Tom G Smith	Florida	673	S-3				
Treasure Coast Energy Center	Florida	56400	1				
Turkey Point	Florida	621	PTP1				
Turkey Point	Florida	621	PTP2				
Turkey Point	Florida	621	TPCT5A				
Turkey Point	Florida	621	TPCT5B				
Turkey Point	Florida	621	TPCT5C				
Turkey Point	Florida	621	TPCT5D				
University of Florida	Florida	7345	1				
Vandolah Power Project	Florida	55415	GT101				
Vandolah Power Project	Florida	55415	GT201				
Vandolah Power Project	Florida	55415	GT301				
Vandolah Power Project	Florida	55415	GT401				
Vero Beach Municipal	Florida	693	**5				
Vero Beach Municipal	Florida	693	3				
Vero Beach Municipal	Florida	693	4				
West County Energy Center	Florida	56407	WCCT1A				
West County Energy Center	Florida	56407	WCCT1B				
West County Energy Center	Florida	56407	WCCT1C				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Suwannee River	Florida	638	2				
Suwannee River	Florida	638	2A				
Suwannee River	Florida	638	2B				
Suwannee River	Florida	638	3				
Suwannee River	Florida	638	3A				
Suwannee River	Florida	638	3B				
Tiger Bay	Florida	7699	1				
Tom G Smith	Florida	673	GT1				
Tom G Smith	Florida	673	S-3				
Treasure Coast Energy Center	Florida	56400	1				
Turkey Point	Florida	621	PTP1				
Turkey Point	Florida	621	PTP2				
Turkey Point	Florida	621	TPCT5A				
Turkey Point	Florida	621	TPCT5B				
Turkey Point	Florida	621	TPCT5C				
Turkey Point	Florida	621	TPCT5D				
University of Florida	Florida	7345	1				
Vandolah Power Project	Florida	55415	GT101				
Vandolah Power Project	Florida	55415	GT201				
Vandolah Power Project	Florida	55415	GT301				
Vandolah Power Project	Florida	55415	GT401				
Vero Beach Municipal	Florida	693	**5				
Vero Beach Municipal	Florida	693	3				
Vero Beach Municipal	Florida	693	4				
West County Energy Center	Florida	56407	WCCT1A				
West County Energy Center	Florida	56407	WCCT1B				
West County Energy Center	Florida	56407	WCCT1C				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Suwannee River	Florida	638	2	655,527	765,862	992,969	479,526	752,739	837,190
Suwannee River	Florida	638	2A			32,750	18,429	13,051	21,410
Suwannee River	Florida	638	2B			34,185	19,344	7,849	20,459
Suwannee River	Florida	638	3	1,236,968	1,119,991	2,153,496	1,416,963	1,834,040	1,801,500
Suwannee River	Florida	638	3A			212,391	163,061	129,006	168,153
Suwannee River	Florida	638	3B			217,205	154,491	103,644	158,446
Tiger Bay	Florida	7699	1	4,452,199	4,179,294	2,083,446	4,592,105	4,254,777	4,433,027
Tom G Smith	Florida	673	GT1					1,305	1,305
Tom G Smith	Florida	673	S-3	63,870	45,578	11,843	34,391	24,124	47,946
Treasure Coast Energy Center	Florida	56400	1			4,317,405	5,374,339	5,410,351	5,034,032
Turkey Point	Florida	621	PTP1	6,341,300	4,937,923	3,077,797	2,688,450	3,622,651	4,967,291
Turkey Point	Florida	621	PTP2	7,410,531	5,730,931	3,343,865	4,132,889	3,272,960	5,758,117
Turkey Point	Florida	621	TPCT5A		5,910,401	5,613,675	5,460,824	4,268,912	5,661,633
Turkey Point	Florida	621	TPCT5B		5,869,713	5,630,537	5,527,502	4,359,456	5,675,917
Turkey Point	Florida	621	TPCT5C		5,869,290	5,480,365	5,404,144	4,491,473	5,584,600
Turkey Point	Florida	621	TPCT5D		5,893,956	5,491,930	5,366,501	5,149,355	5,584,129
University of Florida	Florida	7345	1	1,486,879	1,458,110	1,596,579	1,546,185	1,530,746	1,557,837
Vandolah Power Project	Florida	55415	GT101	461,127	611,151	39,593	17,646	372,354	481,544
Vandolah Power Project	Florida	55415	GT201	195,777	379,566	696,945	129,842	338,347	471,619
Vandolah Power Project	Florida	55415	GT301	110,811	228,342	116,735	451,113	1,116,026	598,494
Vandolah Power Project	Florida	55415	GT401	110,841	277,266	132,500	144,683	1,051,969	491,306
Vero Beach Municipal	Florida	693	**5	258,887	277,298	112,533	226,117	300,867	279,018
Vero Beach Municipal	Florida	693	3	42,946	43,166	19,327	29,993	7,954	38,702
Vero Beach Municipal	Florida	693	4	130,809	154,374	92,863	122,537	60,500	135,906
West County Energy Center	Florida	56407	WCCT1A				862,673	7,239,850	4,051,262
West County Energy Center	Florida	56407	WCCT1B				950,520	5,345,895	3,148,208
West County Energy Center	Florida	56407	WCCT1C				944,422	6,694,135	3,819,278

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Suwannee River	Florida	638	2	955,294,478	0.000876	28,071	27,268	25	24
Suwannee River	Florida	638	2A	955,294,478	0.000022	28,071	27,268	1	1
Suwannee River	Florida	638	2B	955,294,478	0.000021	28,071	27,268	1	1
Suwannee River	Florida	638	3	955,294,478	0.001886	28,071	27,268	53	51
Suwannee River	Florida	638	3A	955,294,478	0.000176	28,071	27,268	5	5
Suwannee River	Florida	638	3B	955,294,478	0.000166	28,071	27,268	5	5
Tiger Bay	Florida	7699	1	955,294,478	0.004640	28,071	27,268	130	127
Tom G Smith	Florida	673	GT1	955,294,478	0.000001	28,071	27,268	0	0
Tom G Smith	Florida	673	S-3	955,294,478	0.000050	28,071	27,268	1	1
Treasure Coast Energy Center	Florida	56400	1	955,294,478	0.005270	28,071	27,268	148	144
Turkey Point	Florida	621	PTP1	955,294,478	0.005200	28,071	27,268	146	142
Turkey Point	Florida	621	PTP2	955,294,478	0.006028	28,071	27,268	169	164
Turkey Point	Florida	621	TPCT5A	955,294,478	0.005927	28,071	27,268	166	162
Turkey Point	Florida	621	TPCT5B	955,294,478	0.005942	28,071	27,268	167	162
Turkey Point	Florida	621	TPCT5C	955,294,478	0.005846	28,071	27,268	164	159
Turkey Point	Florida	621	TPCT5D	955,294,478	0.005845	28,071	27,268	164	159
University of Florida	Florida	7345	1	955,294,478	0.001631	28,071	27,268	46	44
Vandolah Power Project	Florida	55415	GT101	955,294,478	0.000504	28,071	27,268	14	14
Vandolah Power Project	Florida	55415	GT201	955,294,478	0.000494	28,071	27,268	14	13
Vandolah Power Project	Florida	55415	GT301	955,294,478	0.000627	28,071	27,268	18	17
Vandolah Power Project	Florida	55415	GT401	955,294,478	0.000514	28,071	27,268	14	14
Vero Beach Municipal	Florida	693	**5	955,294,478	0.000292	28,071	27,268	8	8
Vero Beach Municipal	Florida	693	3	955,294,478	0.000041	28,071	27,268	1	1
Vero Beach Municipal	Florida	693	4	955,294,478	0.000142	28,071	27,268	4	4
West County Energy Center	Florida	56407	WCCT1A	955,294,478	0.004241	28,071	27,268	119	116
West County Energy Center	Florida	56407	WCCT1B	955,294,478	0.003296	28,071	27,268	93	90
West County Energy Center	Florida	56407	WCCT1C	955,294,478	0.003998	28,071	27,268	112	109

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Suwannee River	Florida	638	2	203	176	134	104	105	108
Suwannee River	Florida	638	2A						4
Suwannee River	Florida	638	2B						4
Suwannee River	Florida	638	3	230	374	304	173	161	280
Suwannee River	Florida	638	3A						21
Suwannee River	Florida	638	3B						21
Tiger Bay	Florida	7699	1	75	71	83	69	63	35
Tom G Smith	Florida	673	GT1						
Tom G Smith	Florida	673	S-3	7	1	9	13	7	2
Treasure Coast Energy Center	Florida	56400	1						26
Turkey Point	Florida	621	PTP1	1,941	1,531	1,539	1,173	814	489
Turkey Point	Florida	621	PTP2	2,188	1,670	1,855	1,310	1,076	569
Turkey Point	Florida	621	TPCT5A					65	20
Turkey Point	Florida	621	TPCT5B					25	21
Turkey Point	Florida	621	TPCT5C					20	22
Turkey Point	Florida	621	TPCT5D					24	19
University of Florida	Florida	7345	1	46	43	52	48	44	45
Vandolah Power Project	Florida	55415	GT101	13	13	37	8	11	1
Vandolah Power Project	Florida	55415	GT201	12	10	36	4	8	11
Vandolah Power Project	Florida	55415	GT301	10	10	15	2	5	2
Vandolah Power Project	Florida	55415	GT401	9	8	19	2	4	2
Vero Beach Municipal	Florida	693	**5	5	3	4	3	4	2
Vero Beach Municipal	Florida	693	3	5	1	4	2	2	1
Vero Beach Municipal	Florida	693	4	11	1	7	8	11	6
West County Energy Center	Florida	56407	WCCT1A						
West County Energy Center	Florida	56407	WCCT1B						
West County Energy Center	Florida	56407	WCCT1C						

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Suwannee River	Florida	638	2	46	74	203			
Suwannee River	Florida	638	2A	2	2	4			
Suwannee River	Florida	638	2B	2	1	4			
Suwannee River	Florida	638	3	186	250	374			
Suwannee River	Florida	638	3A	17	13	21			
Suwannee River	Florida	638	3B	24	10	24			
Tiger Bay	Florida	7699	1	63	55	83			
Tom G Smith	Florida	673	GT1		1	1			
Tom G Smith	Florida	673	S-3	6	3	13			
Treasure Coast Energy Center	Florida	56400	1	15	15	26			
Turkey Point	Florida	621	PTP1	375	511	1,941			
Turkey Point	Florida	621	PTP2	643	529	2,188			
Turkey Point	Florida	621	TPCT5A	18	16	65			
Turkey Point	Florida	621	TPCT5B	22	16	25			
Turkey Point	Florida	621	TPCT5C	19	16	22			
Turkey Point	Florida	621	TPCT5D	18	23	24			
University of Florida	Florida	7345	1	47	51	52			
Vandolah Power Project	Florida	55415	GT101	0	6	37			
Vandolah Power Project	Florida	55415	GT201	3	6	36			
Vandolah Power Project	Florida	55415	GT301	8	18	18			
Vandolah Power Project	Florida	55415	GT401	2	16	19			
Vero Beach Municipal	Florida	693	**5	4	3	5			
Vero Beach Municipal	Florida	693	3	1	0	5			
Vero Beach Municipal	Florida	693	4	9	4	11			
West County Energy Center	Florida	56407	WCCT1A	16	20	20			
West County Energy Center	Florida	56407	WCCT1B	16	15	16			
West County Energy Center	Florida	56407	WCCT1C	17	18	18			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reappportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reappportionment if BV < (CF and CH))
Suwannee River	Florida	638	2				35	35
Suwannee River	Florida	638	2A				1	1
Suwannee River	Florida	638	2B				1	1
Suwannee River	Florida	638	3				75	75
Suwannee River	Florida	638	3A				7	7
Suwannee River	Florida	638	3B				7	7
Tiger Bay	Florida	7699	1				83	83
Tom G Smith	Florida	673	GT1				0	0
Tom G Smith	Florida	673	S-3				2	2
Treasure Coast Energy Center	Florida	56400	1				26	26
Turkey Point	Florida	621	PTP1				206	206
Turkey Point	Florida	621	PTP2				239	239
Turkey Point	Florida	621	TPCT5A				65	65
Turkey Point	Florida	621	TPCT5B				25	25
Turkey Point	Florida	621	TPCT5C				22	22
Turkey Point	Florida	621	TPCT5D				24	24
University of Florida	Florida	7345	1				52	52
Vandolah Power Project	Florida	55415	GT101				20	20
Vandolah Power Project	Florida	55415	GT201				20	20
Vandolah Power Project	Florida	55415	GT301				18	18
Vandolah Power Project	Florida	55415	GT401				19	19
Vero Beach Municipal	Florida	693	**5				5	5
Vero Beach Municipal	Florida	693	3				2	2
Vero Beach Municipal	Florida	693	4				6	6
West County Energy Center	Florida	56407	WCCT1A				20	20
West County Energy Center	Florida	56407	WCCT1B				16	16
West County Energy Center	Florida	56407	WCCT1C				18	18

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Suwannee River	Florida	638	2					
Suwannee River	Florida	638	2A					
Suwannee River	Florida	638	2B					
Suwannee River	Florida	638	3					
Suwannee River	Florida	638	3A					
Suwannee River	Florida	638	3B					
Tiger Bay	Florida	7699	1					
Tom G Smith	Florida	673	GT1					
Tom G Smith	Florida	673	S-3					
Treasure Coast Energy Center	Florida	56400	1					
Turkey Point	Florida	621	PTP1					
Turkey Point	Florida	621	PTP2					
Turkey Point	Florida	621	TPCT5A					
Turkey Point	Florida	621	TPCT5B					
Turkey Point	Florida	621	TPCT5C					
Turkey Point	Florida	621	TPCT5D					
University of Florida	Florida	7345	1					
Vandolah Power Project	Florida	55415	GT101					
Vandolah Power Project	Florida	55415	GT201					
Vandolah Power Project	Florida	55415	GT301					
Vandolah Power Project	Florida	55415	GT401					
Vero Beach Municipal	Florida	693	**5					
Vero Beach Municipal	Florida	693	3					
Vero Beach Municipal	Florida	693	4					
West County Energy Center	Florida	56407	WCCT1A					
West County Energy Center	Florida	56407	WCCT1B					
West County Energy Center	Florida	56407	WCCT1C					

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Suwannee River	Florida	638	2			Y		
Suwannee River	Florida	638	2A			Y		
Suwannee River	Florida	638	2B			Y		
Suwannee River	Florida	638	3			Y		
Suwannee River	Florida	638	3A			Y		
Suwannee River	Florida	638	3B			Y		
Tiger Bay	Florida	7699	1			Y		
Tom G Smith	Florida	673	GT1			Y		
Tom G Smith	Florida	673	S-3			Y		
Treasure Coast Energy Center	Florida	56400	1			Y		
Turkey Point	Florida	621	PTP1			Y		
Turkey Point	Florida	621	PTP2			Y		
Turkey Point	Florida	621	TPCT5A			Y		
Turkey Point	Florida	621	TPCT5B			Y		
Turkey Point	Florida	621	TPCT5C			Y		
Turkey Point	Florida	621	TPCT5D			Y		
University of Florida	Florida	7345	1			Y		
Vandolah Power Project	Florida	55415	GT101			Y		
Vandolah Power Project	Florida	55415	GT201			Y		
Vandolah Power Project	Florida	55415	GT301			Y		
Vandolah Power Project	Florida	55415	GT401			Y		
Vero Beach Municipal	Florida	693	**5			Y		
Vero Beach Municipal	Florida	693	3			Y		
Vero Beach Municipal	Florida	693	4			Y		
West County Energy Center	Florida	56407	WCCT1A			Y		
West County Energy Center	Florida	56407	WCCT1B			Y		
West County Energy Center	Florida	56407	WCCT1C			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
West County Energy Center	Florida	56407	WCCT2A	89729				1,434,759	17,315,033
West County Energy Center	Florida	56407	WCCT2B	89730				1,682,694	15,760,259
West County Energy Center	Florida	56407	WCCT2C	89731				1,516,702	16,917,302
A B Brown Generating Station	Indiana	6137	1	2797	17,359,693	15,675,670	17,629,930	10,299,730	10,687,617
A B Brown Generating Station	Indiana	6137	2	2798	17,113,660	17,267,386	17,999,699	12,720,105	12,352,405
A B Brown Generating Station	Indiana	6137	3	2799	190,897	133,479	227,309	138,581	284,565
A B Brown Generating Station	Indiana	6137	4	10210	307,400	265,791	196,805	112,444	211,659
Alcoa Allowance Management Inc	Indiana	6705	4	2905	25,277,887	24,820,328	23,807,944	22,997,258	25,403,484
Anderson	Indiana	7336	ACT1	3099	15,444	21,342	18,926	11,496	7,615
Anderson	Indiana	7336	ACT2	3100	15,503	20,459	21,146	12,185	7,547
Anderson	Indiana	7336	ACT3	9578	49,257	50,039	45,658	27,517	20,634
Bailly Generating Station	Indiana	995	10	10196	9,048		3,035	384	1,120
Bailly Generating Station	Indiana	995	7	696	9,736,474	6,100,160	11,185,247	12,049,711	11,963,365
Bailly Generating Station	Indiana	995	8	697	15,821,832	22,077,609	19,636,371	18,715,804	13,972,011
Broadway Avenue Generating Station	Indiana	1011	1	9099	50,428	32,176	49,980	27,646	30,259
Broadway Avenue Generating Station	Indiana	1011	2	9100	266,930	262,966	418,784	142,152	160,336
Cayuga	Indiana	1001	1	706	31,252,666	31,543,108	29,116,134	27,033,669	32,361,188
Cayuga	Indiana	1001	2	707	26,072,213	32,572,115	31,097,134	26,189,532	30,158,396
Cayuga	Indiana	1001	4	708	91,702	86,306	23,112	67,422	99,796
Clifty Creek	Indiana	983	1	658	13,528,888	9,821,350	13,149,050	13,639,043	11,139,234
Clifty Creek	Indiana	983	2	659	14,922,001	14,373,497	13,333,372	14,099,519	11,326,020
Clifty Creek	Indiana	983	3	660	15,217,865	12,686,929	13,470,456	10,321,616	12,353,963
Clifty Creek	Indiana	983	4	661	13,377,826	13,078,113	13,264,788	13,128,219	13,692,747
Clifty Creek	Indiana	983	5	662	14,781,038	14,747,542	13,220,025	13,127,778	13,846,501
Clifty Creek	Indiana	983	6	663	14,058,601	14,234,534	11,457,872	12,372,037	13,100,112
Connersville Peaking Station	Indiana	1002	1A	9097	3,184		1,878		374
Connersville Peaking Station	Indiana	1002	1B	89232	3,053		1,791		351

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
West County Energy Center	Florida	56407	WCCT2A	9,374,896	1,915,047,347	0.004895		
West County Energy Center	Florida	56407	WCCT2B	8,721,476	1,915,047,347	0.004554		
West County Energy Center	Florida	56407	WCCT2C	9,217,002	1,915,047,347	0.004813		
A B Brown Generating Station	Indiana	6137	1	16,888,431	1,326,412,000	0.012732	276,861	156,278
A B Brown Generating Station	Indiana	6137	2	17,460,248	1,326,412,000	0.013164	276,861	156,278
A B Brown Generating Station	Indiana	6137	3	234,257	1,326,412,000	0.000177	276,861	156,278
A B Brown Generating Station	Indiana	6137	4	261,617	1,326,412,000	0.000197	276,861	156,278
Alcoa Allowance Management Inc	Indiana	6705	4	25,167,233	1,326,412,000	0.018974	276,861	156,278
Anderson	Indiana	7336	ACT1	18,571	1,326,412,000	0.000014	276,861	156,278
Anderson	Indiana	7336	ACT2	19,036	1,326,412,000	0.000014	276,861	156,278
Anderson	Indiana	7336	ACT3	48,318	1,326,412,000	0.000036	276,861	156,278
Bailly Generating Station	Indiana	995	10	4,401	1,326,412,000	0.000003	276,861	156,278
Bailly Generating Station	Indiana	995	7	11,732,774	1,326,412,000	0.008845	276,861	156,278
Bailly Generating Station	Indiana	995	8	20,143,261	1,326,412,000	0.015186	276,861	156,278
Broadway Avenue Generating Station	Indiana	1011	1	44,195	1,326,412,000	0.000033	276,861	156,278
Broadway Avenue Generating Station	Indiana	1011	2	316,227	1,326,412,000	0.000238	276,861	156,278
Cayuga	Indiana	1001	1	31,718,987	1,326,412,000	0.023913	276,861	156,278
Cayuga	Indiana	1001	2	31,275,882	1,326,412,000	0.023579	276,861	156,278
Cayuga	Indiana	1001	4	92,601	1,326,412,000	0.000070	276,861	156,278
Clifty Creek	Indiana	983	1	13,438,994	1,326,412,000	0.010132	276,861	156,278
Clifty Creek	Indiana	983	2	14,465,006	1,326,412,000	0.010905	276,861	156,278
Clifty Creek	Indiana	983	3	13,791,750	1,326,412,000	0.010398	276,861	156,278
Clifty Creek	Indiana	983	4	13,445,120	1,326,412,000	0.010136	276,861	156,278
Clifty Creek	Indiana	983	5	14,458,360	1,326,412,000	0.010900	276,861	156,278
Clifty Creek	Indiana	983	6	13,797,749	1,326,412,000	0.010402	276,861	156,278
Connersville Peaking Station	Indiana	1002	1A	1,812	1,326,412,000	0.000001	276,861	156,278
Connersville Peaking Station	Indiana	1002	1B	1,732	1,326,412,000	0.000001	276,861	156,278

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
West County Energy Center	Florida	56407	WCCT2A						
West County Energy Center	Florida	56407	WCCT2B						
West County Energy Center	Florida	56407	WCCT2C						
A B Brown Generating Station	Indiana	6137	1	106,434	105,171	3,525	1,990	1,355	1,339
A B Brown Generating Station	Indiana	6137	2	106,434	105,171	3,644	2,057	1,401	1,384
A B Brown Generating Station	Indiana	6137	3	106,434	105,171	49	28	19	19
A B Brown Generating Station	Indiana	6137	4	106,434	105,171	55	31	21	21
Alcoa Allowance Management Inc	Indiana	6705	4	106,434	105,171	5,253	2,965	2,019	1,996
Anderson	Indiana	7336	ACT1	106,434	105,171	4	2	1	1
Anderson	Indiana	7336	ACT2	106,434	105,171	4	2	2	2
Anderson	Indiana	7336	ACT3	106,434	105,171	10	6	4	4
Bailly Generating Station	Indiana	995	10	106,434	105,171	1	1	0	0
Bailly Generating Station	Indiana	995	7	106,434	105,171	2,449	1,382	941	930
Bailly Generating Station	Indiana	995	8	106,434	105,171	4,204	2,373	1,616	1,597
Broadway Avenue Generating Station	Indiana	1011	1	106,434	105,171	9	5	4	4
Broadway Avenue Generating Station	Indiana	1011	2	106,434	105,171	66	37	25	25
Cayuga	Indiana	1001	1	106,434	105,171	6,621	3,737	2,545	2,515
Cayuga	Indiana	1001	2	106,434	105,171	6,528	3,685	2,510	2,480
Cayuga	Indiana	1001	4	106,434	105,171	19	11	7	7
Clifty Creek	Indiana	983	1	106,434	105,171	2,805	1,583	1,078	1,066
Clifty Creek	Indiana	983	2	106,434	105,171	3,019	1,704	1,161	1,147
Clifty Creek	Indiana	983	3	106,434	105,171	2,879	1,625	1,107	1,094
Clifty Creek	Indiana	983	4	106,434	105,171	2,806	1,584	1,079	1,066
Clifty Creek	Indiana	983	5	106,434	105,171	3,018	1,703	1,160	1,146
Clifty Creek	Indiana	983	6	106,434	105,171	2,880	1,626	1,107	1,094
Connersville Peaking Station	Indiana	1002	1A	106,434	105,171	0	0	0	0
Connersville Peaking Station	Indiana	1002	1B	106,434	105,171	0	0	0	0

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
West County Energy Center	Florida	56407	WCCT2A						
West County Energy Center	Florida	56407	WCCT2B						
West County Energy Center	Florida	56407	WCCT2C						
A B Brown Generating Station	Indiana	6137	1	4,831	5,157	5,993	5,414	5,294	5,941
A B Brown Generating Station	Indiana	6137	2	3,387	3,077	3,045	3,542	3,449	4,060
A B Brown Generating Station	Indiana	6137	3	0	0	0	0	1	1
A B Brown Generating Station	Indiana	6137	4	0	0	0	0	0	0
Alcoa Allowance Management Inc	Indiana	6705	4	41,659	41,876	32,779	29,944	28,790	32,037
Anderson	Indiana	7336	ACT1	1	0	0	0	0	0
Anderson	Indiana	7336	ACT2	1	0	0	0	0	0
Anderson	Indiana	7336	ACT3		0	0	0	0	0
Bailly Generating Station	Indiana	995	10						
Bailly Generating Station	Indiana	995	7	1,860	1,116	2,539	1,771	1,237	3,806
Bailly Generating Station	Indiana	995	8	2,684	2,492	2,181	1,538	3,076	4,895
Broadway Avenue Generating Station	Indiana	1011	1						
Broadway Avenue Generating Station	Indiana	1011	2						
Cayuga	Indiana	1001	1	34,857	36,930	34,362	46,201	45,141	35,317
Cayuga	Indiana	1001	2	32,105	33,866	43,279	36,972	45,642	14,799
Cayuga	Indiana	1001	4	1	0	0	0	0	1
Clifty Creek	Indiana	983	1	5,462	8,982	12,085	10,168	8,399	11,012
Clifty Creek	Indiana	983	2	5,416	9,207	11,633	11,226	12,230	11,064
Clifty Creek	Indiana	983	3	4,799	9,206	13,176	11,537	10,738	11,224
Clifty Creek	Indiana	983	4	5,727	9,074	13,124	10,345	10,982	11,227
Clifty Creek	Indiana	983	5	6,319	8,257	12,673	11,283	12,464	10,979
Clifty Creek	Indiana	983	6	5,031	8,409	11,968	10,813	12,073	9,428
Connersville Peaking Station	Indiana	1002	1A						
Connersville Peaking Station	Indiana	1002	1B						

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
West County Energy Center	Florida	56407	WCCT2A	0	5	5			
West County Energy Center	Florida	56407	WCCT2B	1	5	5			
West County Energy Center	Florida	56407	WCCT2C	0	5	5			
A B Brown Generating Station	Indiana	6137	1	3,161	2,964	5,993			
A B Brown Generating Station	Indiana	6137	2	2,617	2,329	4,060			
A B Brown Generating Station	Indiana	6137	3	0	0	1			
A B Brown Generating Station	Indiana	6137	4	0	0	0			
Alcoa Allowance Management Inc	Indiana	6705	4	1,465	2,256	41,876			
Anderson	Indiana	7336	ACT1	0	0	1			
Anderson	Indiana	7336	ACT2	0	0	1			
Anderson	Indiana	7336	ACT3	0	0	0			
Bailly Generating Station	Indiana	995	10			0			
Bailly Generating Station	Indiana	995	7	2,741	6,202	6,202			
Bailly Generating Station	Indiana	995	8	2,162	2,960	4,895			
Broadway Avenue Generating Station	Indiana	1011	1	0	0	0			
Broadway Avenue Generating Station	Indiana	1011	2	0	0	0			
Cayuga	Indiana	1001	1	963	959	46,201			
Cayuga	Indiana	1001	2	1,460	1,057	45,642			
Cayuga	Indiana	1001	4	1	0	1			
Clifty Creek	Indiana	983	1	9,573	9,750	12,085			
Clifty Creek	Indiana	983	2	9,875	10,062	12,230			
Clifty Creek	Indiana	983	3	7,294	10,818	13,176			
Clifty Creek	Indiana	983	4	9,468	12,963	13,124			
Clifty Creek	Indiana	983	5	9,380	12,998	12,998			
Clifty Creek	Indiana	983	6	8,887	12,341	12,341			
Connersville Peaking Station	Indiana	1002	1A			0			
Connersville Peaking Station	Indiana	1002	1B			0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
West County Energy Center	Florida	56407	WCCT2A						
West County Energy Center	Florida	56407	WCCT2B						
West County Energy Center	Florida	56407	WCCT2C						
A B Brown Generating Station	Indiana	6137	1				2,874	2,995	2,590
A B Brown Generating Station	Indiana	6137	2				3,886	2,314	2,496
A B Brown Generating Station	Indiana	6137	3				7	4	12
A B Brown Generating Station	Indiana	6137	4				5	6	5
Alcoa Allowance Management Inc	Indiana	6705	4				5,809	4,633	4,095
Anderson	Indiana	7336	ACT1				2	1	1
Anderson	Indiana	7336	ACT2				2	1	1
Anderson	Indiana	7336	ACT3					0	1
Bailly Generating Station	Indiana	995	10				1	0	2
Bailly Generating Station	Indiana	995	7				5,865	4,937	4,076
Bailly Generating Station	Indiana	995	8				7,468	8,963	8,254
Broadway Avenue Generating Station	Indiana	1011	1				7	8	14
Broadway Avenue Generating Station	Indiana	1011	2				8	9	21
Cayuga	Indiana	1001	1				4,803	5,891	4,619
Cayuga	Indiana	1001	2				4,833	6,136	6,931
Cayuga	Indiana	1001	4				5	11	12
Clifty Creek	Indiana	983	1				3,786	3,658	3,184
Clifty Creek	Indiana	983	2				3,299	3,851	2,563
Clifty Creek	Indiana	983	3				3,069	3,903	3,534
Clifty Creek	Indiana	983	4				3,837	4,043	4,545
Clifty Creek	Indiana	983	5				4,387	3,159	4,369
Clifty Creek	Indiana	983	6				3,510	4,065	4,427
Connersville Peaking Station	Indiana	1002	1A				1		1
Connersville Peaking Station	Indiana	1002	1B				0		1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
West County Energy Center	Florida	56407	WCCT2A				6	56	56
West County Energy Center	Florida	56407	WCCT2B				5	44	44
West County Energy Center	Florida	56407	WCCT2C				5	47	47
A B Brown Generating Station	Indiana	6137	1	2,235	2,272	2,416	742	786	2,995
A B Brown Generating Station	Indiana	6137	2	2,633	2,472	2,958	966	886	3,886
A B Brown Generating Station	Indiana	6137	3	12	9	15	11	23	23
A B Brown Generating Station	Indiana	6137	4	3	3	3	1	2	6
Alcoa Allowance Management Inc	Indiana	6705	4	4,074	3,576	3,104	1,576	1,230	5,809
Anderson	Indiana	7336	ACT1	1	1	1	1	0	2
Anderson	Indiana	7336	ACT2	1	1	1	1	0	2
Anderson	Indiana	7336	ACT3	1	1	1	1	0	1
Bailly Generating Station	Indiana	995	10	1		0	0	0	2
Bailly Generating Station	Indiana	995	7	4,111	1,940	3,382	996	1,169	5,865
Bailly Generating Station	Indiana	995	8	6,243	8,179	6,359	1,463	1,583	8,963
Broadway Avenue Generating Station	Indiana	1011	1	7	5	8	5	4	14
Broadway Avenue Generating Station	Indiana	1011	2	30	30	50	17	18	50
Cayuga	Indiana	1001	1	5,140	4,985	4,569	3,456	4,357	5,891
Cayuga	Indiana	1001	2	4,018	5,209	4,764	3,405	3,972	6,931
Cayuga	Indiana	1001	4	3	4	3	5	4	12
Clifty Creek	Indiana	983	1	2,990	2,112	3,193	687	861	3,786
Clifty Creek	Indiana	983	2	3,481	3,542	3,296	716	918	3,851
Clifty Creek	Indiana	983	3	3,482	3,329	3,434	552	877	3,903
Clifty Creek	Indiana	983	4	3,817	3,497	3,832	2,005	2,135	4,545
Clifty Creek	Indiana	983	5	3,900	3,957	3,589	1,955	2,151	4,387
Clifty Creek	Indiana	983	6	3,992	4,017	3,203	2,105	2,176	4,427
Connersville Peaking Station	Indiana	1002	1A	1		0		0	1
Connersville Peaking Station	Indiana	1002	1B	1		0		0	1

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
West County Energy Center	Florida	56407	WCCT2A						
West County Energy Center	Florida	56407	WCCT2B						
West County Energy Center	Florida	56407	WCCT2C						
A B Brown Generating Station	Indiana	6137	1						
A B Brown Generating Station	Indiana	6137	2						
A B Brown Generating Station	Indiana	6137	3						
A B Brown Generating Station	Indiana	6137	4						
Alcoa Allowance Management Inc	Indiana	6705	4						
Anderson	Indiana	7336	ACT1						
Anderson	Indiana	7336	ACT2						
Anderson	Indiana	7336	ACT3						
Bailly Generating Station	Indiana	995	10						
Bailly Generating Station	Indiana	995	7		883	865	827	827	827
Bailly Generating Station	Indiana	995	8		1,517	1,485	1,419	1,419	1,419
Broadway Avenue Generating Station	Indiana	1011	1						
Broadway Avenue Generating Station	Indiana	1011	2						
Cayuga	Indiana	1001	1						
Cayuga	Indiana	1001	2						
Cayuga	Indiana	1001	4						
Clifty Creek	Indiana	983	1						
Clifty Creek	Indiana	983	2						
Clifty Creek	Indiana	983	3						
Clifty Creek	Indiana	983	4						
Clifty Creek	Indiana	983	5						
Clifty Creek	Indiana	983	6						
Connersville Peaking Station	Indiana	1002	1A						
Connersville Peaking Station	Indiana	1002	1B						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
West County Energy Center	Florida	56407	WCCT2A				
West County Energy Center	Florida	56407	WCCT2B				
West County Energy Center	Florida	56407	WCCT2C				
A B Brown Generating Station	Indiana	6137	1		3,805	2,103	2,103
A B Brown Generating Station	Indiana	6137	2		3,934	2,174	2,174
A B Brown Generating Station	Indiana	6137	3		1	1	1
A B Brown Generating Station	Indiana	6137	4		0	0	0
Alcoa Allowance Management Inc	Indiana	6705	4		5,670	3,134	3,134
Anderson	Indiana	7336	ACT1		1	1	1
Anderson	Indiana	7336	ACT2		1	1	1
Anderson	Indiana	7336	ACT3		0	0	0
Bailly Generating Station	Indiana	995	10		0	0	0
Bailly Generating Station	Indiana	995	7		2,644	1,461	1,461
Bailly Generating Station	Indiana	995	8		4,539	2,509	2,509
Broadway Avenue Generating Station	Indiana	1011	1		0	0	0
Broadway Avenue Generating Station	Indiana	1011	2		0	0	0
Cayuga	Indiana	1001	1		7,147	3,950	3,950
Cayuga	Indiana	1001	2		7,047	3,895	3,895
Cayuga	Indiana	1001	4		1	1	1
Clifty Creek	Indiana	983	1		3,028	1,674	1,674
Clifty Creek	Indiana	983	2		3,259	1,801	1,801
Clifty Creek	Indiana	983	3		3,107	1,718	1,718
Clifty Creek	Indiana	983	4		3,029	1,674	1,674
Clifty Creek	Indiana	983	5		3,258	1,801	1,801
Clifty Creek	Indiana	983	6		3,109	1,718	1,718
Connersville Peaking Station	Indiana	1002	1A		0	0	0
Connersville Peaking Station	Indiana	1002	1B		0	0	0

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
West County Energy Center	Florida	56407	WCCT2A				
West County Energy Center	Florida	56407	WCCT2B				
West County Energy Center	Florida	56407	WCCT2C				
A B Brown Generating Station	Indiana	6137	1	2,103	2,103	1,419	1,454
A B Brown Generating Station	Indiana	6137	2	2,174	2,174	1,467	1,503
A B Brown Generating Station	Indiana	6137	3	1	1	20	20
A B Brown Generating Station	Indiana	6137	4	0	0	6	6
Alcoa Allowance Management Inc	Indiana	6705	4	3,134	3,134	2,115	2,167
Anderson	Indiana	7336	ACT1	1	1	2	2
Anderson	Indiana	7336	ACT2	1	1	2	2
Anderson	Indiana	7336	ACT3	0	0	1	1
Bailly Generating Station	Indiana	995	10	0	0	0	0
Bailly Generating Station	Indiana	995	7	1,461	1,461	986	883
Bailly Generating Station	Indiana	995	8	2,509	2,509	1,693	1,517
Broadway Avenue Generating Station	Indiana	1011	1	0	0	4	4
Broadway Avenue Generating Station	Indiana	1011	2	0	0	27	27
Cayuga	Indiana	1001	1	3,950	3,950	2,666	2,731
Cayuga	Indiana	1001	2	3,895	3,895	2,628	2,693
Cayuga	Indiana	1001	4	1	1	8	8
Clifty Creek	Indiana	983	1	1,674	1,674	1,129	1,157
Clifty Creek	Indiana	983	2	1,801	1,801	1,216	1,246
Clifty Creek	Indiana	983	3	1,718	1,718	1,159	1,188
Clifty Creek	Indiana	983	4	1,674	1,674	1,130	1,158
Clifty Creek	Indiana	983	5	1,801	1,801	1,215	1,245
Clifty Creek	Indiana	983	6	1,718	1,718	1,160	1,188
Connersville Peaking Station	Indiana	1002	1A	0	0	0	0
Connersville Peaking Station	Indiana	1002	1B	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
West County Energy Center	Florida	56407	WCCT2A				
West County Energy Center	Florida	56407	WCCT2B				
West County Energy Center	Florida	56407	WCCT2C				
A B Brown Generating Station	Indiana	6137	1	1,438	1,458	1,458	1,458
A B Brown Generating Station	Indiana	6137	2	1,486	1,507	1,507	1,507
A B Brown Generating Station	Indiana	6137	3	20	20	20	20
A B Brown Generating Station	Indiana	6137	4	6	6	6	6
Alcoa Allowance Management Inc	Indiana	6705	4	2,143	2,173	2,173	2,173
Anderson	Indiana	7336	ACT1	2	2	2	2
Anderson	Indiana	7336	ACT2	2	2	2	2
Anderson	Indiana	7336	ACT3	1	1	1	1
Bailly Generating Station	Indiana	995	10	0	0	0	0
Bailly Generating Station	Indiana	995	7	865	827	827	827
Bailly Generating Station	Indiana	995	8	1,485	1,419	1,419	1,419
Broadway Avenue Generating Station	Indiana	1011	1	4	4	4	4
Broadway Avenue Generating Station	Indiana	1011	2	27	27	27	27
Cayuga	Indiana	1001	1	2,700	2,738	2,738	2,738
Cayuga	Indiana	1001	2	2,663	2,700	2,700	2,700
Cayuga	Indiana	1001	4	8	8	8	8
Clifty Creek	Indiana	983	1	1,144	1,160	1,160	1,160
Clifty Creek	Indiana	983	2	1,231	1,249	1,249	1,249
Clifty Creek	Indiana	983	3	1,174	1,191	1,191	1,191
Clifty Creek	Indiana	983	4	1,145	1,161	1,161	1,161
Clifty Creek	Indiana	983	5	1,231	1,248	1,248	1,248
Clifty Creek	Indiana	983	6	1,175	1,191	1,191	1,191
Connersville Peaking Station	Indiana	1002	1A	0	0	0	0
Connersville Peaking Station	Indiana	1002	1B	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
West County Energy Center	Florida	56407	WCCT2A					8,315,686	8,315,686
West County Energy Center	Florida	56407	WCCT2B					8,362,495	8,362,495
West County Energy Center	Florida	56407	WCCT2C					8,518,706	8,518,706
A B Brown Generating Station	Indiana	6137	1	7,689,965	6,901,075	7,265,873	3,861,453	4,998,809	7,285,638
A B Brown Generating Station	Indiana	6137	2	7,277,664	7,187,490	7,601,327	4,643,111	6,012,427	7,355,494
A B Brown Generating Station	Indiana	6137	3	154,449	76,871	156,230	82,216	196,122	168,934
A B Brown Generating Station	Indiana	6137	4	248,384	197,945	151,867	67,672	141,227	199,398
Alcoa Allowance Management Inc	Indiana	6705	4	10,113,627	9,680,976	11,768,893	9,577,954	10,772,194	10,884,905
Anderson	Indiana	7336	ACT1	14,463	19,249	17,361	1,700	4,301	17,025
Anderson	Indiana	7336	ACT2	14,423	18,760	19,744	1,888	3,790	17,643
Anderson	Indiana	7336	ACT3	43,150	45,643	41,126	2,552	8,476	43,306
Bailly Generating Station	Indiana	995	10	9,048		1,363	261	692	3,701
Bailly Generating Station	Indiana	995	7	3,497,179	4,255,698	4,953,803	4,324,051	4,353,191	4,543,682
Bailly Generating Station	Indiana	995	8	6,834,326	8,754,997	7,380,020	7,226,568	7,398,943	7,844,654
Broadway Avenue Generating Station	Indiana	1011	1	44,852	19,388	47,093	18,027	24,984	38,976
Broadway Avenue Generating Station	Indiana	1011	2	244,840	134,241	282,935	73,403	134,792	220,856
Cayuga	Indiana	1001	1	12,581,241	13,701,931	13,950,974	10,091,117	14,095,390	13,916,098
Cayuga	Indiana	1001	2	12,309,075	12,397,316	13,313,691	7,169,146	13,962,747	13,224,584
Cayuga	Indiana	1001	4	79,005	26,695		33,098	74,579	62,227
Clifty Creek	Indiana	983	1	5,776,156	4,972,712	5,742,444	5,212,061	3,760,756	5,576,887
Clifty Creek	Indiana	983	2	5,928,536	5,923,538	5,662,439	5,481,491	4,424,093	5,838,171
Clifty Creek	Indiana	983	3	6,328,017	3,804,416	5,309,071	4,146,636	4,819,299	5,485,462
Clifty Creek	Indiana	983	4	4,409,408	5,767,760	4,765,732	5,781,233	5,526,172	5,691,721
Clifty Creek	Indiana	983	5	6,034,911	6,227,067	5,752,636	5,640,749	5,496,794	6,004,871
Clifty Creek	Indiana	983	6	5,190,451	5,379,873	5,451,207	4,727,672	4,919,042	5,340,510
Connersville Peaking Station	Indiana	1002	1A	3,184				374	1,779
Connersville Peaking Station	Indiana	1002	1B	3,053				351	1,702

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
West County Energy Center	Florida	56407	WCCT2A	955,294,478	0.008705	28,071	27,268	244	237
West County Energy Center	Florida	56407	WCCT2B	955,294,478	0.008754	28,071	27,268	246	239
West County Energy Center	Florida	56407	WCCT2C	955,294,478	0.008917	28,071	27,268	250	243
A B Brown Generating Station	Indiana	6137	1	574,501,876	0.012682	45,470	44,790	577	568
A B Brown Generating Station	Indiana	6137	2	574,501,876	0.012803	45,470	44,790	582	573
A B Brown Generating Station	Indiana	6137	3	574,501,876	0.000294	45,470	44,790	13	13
A B Brown Generating Station	Indiana	6137	4	574,501,876	0.000347	45,470	44,790	16	16
Alcoa Allowance Management Inc	Indiana	6705	4	574,501,876	0.018947	45,470	44,790	862	849
Anderson	Indiana	7336	ACT1	574,501,876	0.000030	45,470	44,790	1	1
Anderson	Indiana	7336	ACT2	574,501,876	0.000031	45,470	44,790	1	1
Anderson	Indiana	7336	ACT3	574,501,876	0.000075	45,470	44,790	3	3
Bailly Generating Station	Indiana	995	10	574,501,876	0.000006	45,470	44,790	0	0
Bailly Generating Station	Indiana	995	7	574,501,876	0.007909	45,470	44,790	360	354
Bailly Generating Station	Indiana	995	8	574,501,876	0.013655	45,470	44,790	621	612
Broadway Avenue Generating Station	Indiana	1011	1	574,501,876	0.000068	45,470	44,790	3	3
Broadway Avenue Generating Station	Indiana	1011	2	574,501,876	0.000384	45,470	44,790	17	17
Cayuga	Indiana	1001	1	574,501,876	0.024223	45,470	44,790	1,101	1,085
Cayuga	Indiana	1001	2	574,501,876	0.023019	45,470	44,790	1,047	1,031
Cayuga	Indiana	1001	4	574,501,876	0.000108	45,470	44,790	5	5
Clifty Creek	Indiana	983	1	574,501,876	0.009707	45,470	44,790	441	435
Clifty Creek	Indiana	983	2	574,501,876	0.010162	45,470	44,790	462	455
Clifty Creek	Indiana	983	3	574,501,876	0.009548	45,470	44,790	434	428
Clifty Creek	Indiana	983	4	574,501,876	0.009907	45,470	44,790	450	444
Clifty Creek	Indiana	983	5	574,501,876	0.010452	45,470	44,790	475	468
Clifty Creek	Indiana	983	6	574,501,876	0.009296	45,470	44,790	423	416
Connerville Peaking Station	Indiana	1002	1A	574,501,876	0.000003	45,470	44,790	0	0
Connerville Peaking Station	Indiana	1002	1B	574,501,876	0.000003	45,470	44,790	0	0

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
West County Energy Center	Florida	56407	WCCT2A						
West County Energy Center	Florida	56407	WCCT2B						
West County Energy Center	Florida	56407	WCCT2C						
A B Brown Generating Station	Indiana	6137	1	1,379	1,394	320	281	410	499
A B Brown Generating Station	Indiana	6137	2	1,702	412	404	366	395	600
A B Brown Generating Station	Indiana	6137	3	4	2	11	10	5	10
A B Brown Generating Station	Indiana	6137	4	2	3	4	2	3	2
Alcoa Allowance Management Inc	Indiana	6705	4	2,476	719	532	558	458	556
Anderson	Indiana	7336	ACT1	0	0	0	1	1	1
Anderson	Indiana	7336	ACT2	1	1	1	1	1	1
Anderson	Indiana	7336	ACT3		0	0	1	1	1
Bailly Generating Station	Indiana	995	10	1	0	2	1		0
Bailly Generating Station	Indiana	995	7	2,249	1,245	1,021	1,014	1,026	544
Bailly Generating Station	Indiana	995	8	3,431	2,675	1,645	1,263	1,940	786
Broadway Avenue Generating Station	Indiana	1011	1	7	7	13	7	3	8
Broadway Avenue Generating Station	Indiana	1011	2	8	4	17	27	15	33
Cayuga	Indiana	1001	1	1,902	2,081	1,998	2,038	1,898	2,168
Cayuga	Indiana	1001	2	1,746	2,481	2,746	1,736	1,885	1,879
Cayuga	Indiana	1001	4	1	7	7	3	2	
Clifty Creek	Indiana	983	1	558	482	232	255	438	511
Clifty Creek	Indiana	983	2	896	486	252	270	520	506
Clifty Creek	Indiana	983	3	413	526	257	285	300	486
Clifty Creek	Indiana	983	4	1,006	772	912	523	874	774
Clifty Creek	Indiana	983	5	1,051	950	888	730	980	957
Clifty Creek	Indiana	983	6	966	848	965	759	927	948
Connersville Peaking Station	Indiana	1002	1A	1		1	1		
Connersville Peaking Station	Indiana	1002	1B	0		1	1		

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
West County Energy Center	Florida	56407	WCCT2A		25	25			
West County Energy Center	Florida	56407	WCCT2B		21	21			
West County Energy Center	Florida	56407	WCCT2C		22	22			
A B Brown Generating Station	Indiana	6137	1	275	359	1,394			
A B Brown Generating Station	Indiana	6137	2	354	481	1,702			
A B Brown Generating Station	Indiana	6137	3	7	16	16			
A B Brown Generating Station	Indiana	6137	4	1	1	4			
Alcoa Allowance Management Inc	Indiana	6705	4	477	539	2,476			
Anderson	Indiana	7336	ACT1	0	0	1			
Anderson	Indiana	7336	ACT2	0	0	1			
Anderson	Indiana	7336	ACT3	0	0	1			
Bailly Generating Station	Indiana	995	10	0	0	2			
Bailly Generating Station	Indiana	995	7	310	502	2,249		883	865
Bailly Generating Station	Indiana	995	8	526	957	3,431		1,517	1,485
Broadway Avenue Generating Station	Indiana	1011	1	3	3	13			
Broadway Avenue Generating Station	Indiana	1011	2	9	15	33			
Cayuga	Indiana	1001	1	1,196	1,845	2,168			
Cayuga	Indiana	1001	2	843	1,789	2,746			
Cayuga	Indiana	1001	4	2	2	7			
Clifty Creek	Indiana	983	1	265	272	558			
Clifty Creek	Indiana	983	2	276	328	896			
Clifty Creek	Indiana	983	3	216	342	526			
Clifty Creek	Indiana	983	4	811	797	1,006			
Clifty Creek	Indiana	983	5	785	796	1,051			
Clifty Creek	Indiana	983	6	731	758	966			
Connersville Peaking Station	Indiana	1002	1A		0	1			
Connersville Peaking Station	Indiana	1002	1B		0	1			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reappportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reappportionment if BV < (CF and CH))
West County Energy Center	Florida	56407	WCCT2A				25	25
West County Energy Center	Florida	56407	WCCT2B				21	21
West County Energy Center	Florida	56407	WCCT2C				22	22
A B Brown Generating Station	Indiana	6137	1				595	595
A B Brown Generating Station	Indiana	6137	2				601	601
A B Brown Generating Station	Indiana	6137	3				14	14
A B Brown Generating Station	Indiana	6137	4				4	4
Alcoa Allowance Management Inc	Indiana	6705	4				889	889
Anderson	Indiana	7336	ACT1				1	1
Anderson	Indiana	7336	ACT2				1	1
Anderson	Indiana	7336	ACT3				1	1
Bailly Generating Station	Indiana	995	10				0	0
Bailly Generating Station	Indiana	995	7	827	827	827	371	371
Bailly Generating Station	Indiana	995	8	1,419	1,419	1,419	640	640
Broadway Avenue Generating Station	Indiana	1011	1				3	3
Broadway Avenue Generating Station	Indiana	1011	2				18	18
Cayuga	Indiana	1001	1				1,136	1,136
Cayuga	Indiana	1001	2				1,080	1,080
Cayuga	Indiana	1001	4				5	5
Clifty Creek	Indiana	983	1				455	455
Clifty Creek	Indiana	983	2				477	477
Clifty Creek	Indiana	983	3				448	448
Clifty Creek	Indiana	983	4				465	465
Clifty Creek	Indiana	983	5				490	490
Clifty Creek	Indiana	983	6				436	436
Connerville Peaking Station	Indiana	1002	1A				0	0
Connerville Peaking Station	Indiana	1002	1B				0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
West County Energy Center	Florida	56407	WCCT2A					
West County Energy Center	Florida	56407	WCCT2B					
West County Energy Center	Florida	56407	WCCT2C					
A B Brown Generating Station	Indiana	6137	1	586	586	586	586	Y
A B Brown Generating Station	Indiana	6137	2	591	591	591	591	Y
A B Brown Generating Station	Indiana	6137	3	14	14	14	14	Y
A B Brown Generating Station	Indiana	6137	4	4	4	4	4	Y
Alcoa Allowance Management Inc	Indiana	6705	4	875	875	875	875	Y
Anderson	Indiana	7336	ACT1	1	1	1	1	Y
Anderson	Indiana	7336	ACT2	1	1	1	1	Y
Anderson	Indiana	7336	ACT3	1	1	1	1	Y
Bailly Generating Station	Indiana	995	10	0	0	0	0	Y
Bailly Generating Station	Indiana	995	7	365	365	365	365	Y
Bailly Generating Station	Indiana	995	8	631	631	631	631	Y
Broadway Avenue Generating Station	Indiana	1011	1	3	3	3	3	Y
Broadway Avenue Generating Station	Indiana	1011	2	18	18	18	18	Y
Cayuga	Indiana	1001	1	1,119	1,119	1,119	1,119	Y
Cayuga	Indiana	1001	2	1,063	1,063	1,063	1,063	Y
Cayuga	Indiana	1001	4	5	5	5	5	Y
Clifty Creek	Indiana	983	1	448	448	448	448	Y
Clifty Creek	Indiana	983	2	469	469	469	469	Y
Clifty Creek	Indiana	983	3	441	441	441	441	Y
Clifty Creek	Indiana	983	4	458	458	458	458	Y
Clifty Creek	Indiana	983	5	483	483	483	483	Y
Clifty Creek	Indiana	983	6	429	429	429	429	Y
Connersville Peaking Station	Indiana	1002	1A	0	0	0	0	Y
Connersville Peaking Station	Indiana	1002	1B	0	0	0	0	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
West County Energy Center	Florida	56407	WCCT2A			Y		
West County Energy Center	Florida	56407	WCCT2B			Y		
West County Energy Center	Florida	56407	WCCT2C			Y		
A B Brown Generating Station	Indiana	6137	1	Y		Y		
A B Brown Generating Station	Indiana	6137	2	Y		Y		
A B Brown Generating Station	Indiana	6137	3	Y		Y		
A B Brown Generating Station	Indiana	6137	4	Y		Y		
Alcoa Allowance Management Inc	Indiana	6705	4	Y		Y		
Anderson	Indiana	7336	ACT1	Y		Y		
Anderson	Indiana	7336	ACT2	Y		Y		
Anderson	Indiana	7336	ACT3	Y		Y		
Bailly Generating Station	Indiana	995	10	Y		Y		
Bailly Generating Station	Indiana	995	7	Y		Y		
Bailly Generating Station	Indiana	995	8	Y		Y		
Broadway Avenue Generating Station	Indiana	1011	1	Y		Y		
Broadway Avenue Generating Station	Indiana	1011	2	Y		Y		
Cayuga	Indiana	1001	1	Y		Y		
Cayuga	Indiana	1001	2	Y		Y		
Cayuga	Indiana	1001	4	Y		Y		
Clifty Creek	Indiana	983	1	Y		Y		
Clifty Creek	Indiana	983	2	Y		Y		
Clifty Creek	Indiana	983	3	Y		Y		
Clifty Creek	Indiana	983	4	Y		Y		
Clifty Creek	Indiana	983	5	Y		Y		
Clifty Creek	Indiana	983	6	Y		Y		
Connersville Peaking Station	Indiana	1002	1A	Y		Y		
Connersville Peaking Station	Indiana	1002	1B	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Connersville Peaking Station	Indiana	1002	2A	9098	2,657		2,097		620
Connersville Peaking Station	Indiana	1002	2B	89233	2,917		2,116		1,049
Dean H Mitchell Generating Station	Indiana	996	11	698					
Dean H Mitchell Generating Station	Indiana	996	4	699					
Dean H Mitchell Generating Station	Indiana	996	5	700					
Dean H Mitchell Generating Station	Indiana	996	6	701					
Duke Energy Vermillion, II LLC	Indiana	55111	1	3920	115,786	177,809	122,411	71,761	134,750
Duke Energy Vermillion, II LLC	Indiana	55111	2	3921	103,635	225,338	135,745	103,657	121,419
Duke Energy Vermillion, II LLC	Indiana	55111	3	3922	94,570	207,803	84,994	57,343	195,017
Duke Energy Vermillion, II LLC	Indiana	55111	4	3923	84,832	214,651	125,874	73,182	176,220
Duke Energy Vermillion, II LLC	Indiana	55111	5	3924	82,841	203,951	65,990	87,388	117,453
Duke Energy Vermillion, II LLC	Indiana	55111	6	3925	77,732	232,136	73,100	66,061	135,784
Duke Energy Vermillion, II LLC	Indiana	55111	7	3926	82,407	195,652	60,025	65,065	137,665
Duke Energy Vermillion, II LLC	Indiana	55111	8	3927	82,064	212,450	101,913	56,271	148,276
Edwardsport	Indiana	1004	6-1	709		7,454			
Edwardsport	Indiana	1004	7-1	710	607,274	1,181,829	1,444,502	250,460	538,059
Edwardsport	Indiana	1004	7-2	711	675,084	1,088,314	949,334	212,348	726,290
Edwardsport	Indiana	1004	8-1	712	510,000	1,261,342	1,521,863	296,718	553,746
F B Culley Generating Station	Indiana	1012	2	727	7,371,886	7,786,145	7,364,391	2,648,823	3,177,668
F B Culley Generating Station	Indiana	1012	3	728	18,474,994	24,626,245	23,040,931	17,032,198	20,493,142
Frank E Ratts	Indiana	1043	1SG1	731	8,660,458	8,788,827	8,941,534	7,855,716	7,552,751
Frank E Ratts	Indiana	1043	2SG1	732	8,269,210	9,570,992	9,076,723	9,073,035	7,041,347
Georgetown Substation	Indiana	7759	GT1	3163	152,704	90,144	72,505	28,061	188,227
Georgetown Substation	Indiana	7759	GT2	3164	121,917	220,835	28,297	117,994	292,241
Georgetown Substation	Indiana	7759	GT3	3165	88,046	210,518	20,569	105,622	275,821
Georgetown Substation	Indiana	7759	GT4	3166	160,532	201,103	37,540	34,680	216,868
Gibson	Indiana	6113	1	2782	42,921,435	44,858,777	44,897,553	34,652,546	35,798,530

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Connersville Peaking Station	Indiana	1002	2A	1,792	1,326,412,000	0.000001	276,861	156,278
Connersville Peaking Station	Indiana	1002	2B	2,027	1,326,412,000	0.000002	276,861	156,278
Dean H Mitchell Generating Station	Indiana	996	11		1,326,412,000		276,861	156,278
Dean H Mitchell Generating Station	Indiana	996	4		1,326,412,000		276,861	156,278
Dean H Mitchell Generating Station	Indiana	996	5		1,326,412,000		276,861	156,278
Dean H Mitchell Generating Station	Indiana	996	6		1,326,412,000		276,861	156,278
Duke Energy Vermillion, II LLC	Indiana	55111	1	144,990	1,326,412,000	0.000109	276,861	156,278
Duke Energy Vermillion, II LLC	Indiana	55111	2	160,834	1,326,412,000	0.000121	276,861	156,278
Duke Energy Vermillion, II LLC	Indiana	55111	3	165,797	1,326,412,000	0.000125	276,861	156,278
Duke Energy Vermillion, II LLC	Indiana	55111	4	172,248	1,326,412,000	0.000130	276,861	156,278
Duke Energy Vermillion, II LLC	Indiana	55111	5	136,264	1,326,412,000	0.000103	276,861	156,278
Duke Energy Vermillion, II LLC	Indiana	55111	6	148,551	1,326,412,000	0.000112	276,861	156,278
Duke Energy Vermillion, II LLC	Indiana	55111	7	138,575	1,326,412,000	0.000104	276,861	156,278
Duke Energy Vermillion, II LLC	Indiana	55111	8	154,213	1,326,412,000	0.000116	276,861	156,278
Edwardsport	Indiana	1004	6-1	7,454	1,326,412,000	0.000006	276,861	156,278
Edwardsport	Indiana	1004	7-1	1,077,869	1,326,412,000	0.000813	276,861	156,278
Edwardsport	Indiana	1004	7-2	921,313	1,326,412,000	0.000695	276,861	156,278
Edwardsport	Indiana	1004	8-1	1,112,317	1,326,412,000	0.000839	276,861	156,278
F B Culley Generating Station	Indiana	1012	2	7,507,474	1,326,412,000	0.005660	276,861	156,278
F B Culley Generating Station	Indiana	1012	3	22,720,106	1,326,412,000	0.017129	276,861	156,278
Frank E Ratts	Indiana	1043	1SG1	8,796,939	1,326,412,000	0.006632	276,861	156,278
Frank E Ratts	Indiana	1043	2SG1	9,240,250	1,326,412,000	0.006966	276,861	156,278
Georgetown Substation	Indiana	7759	GT1	143,692	1,326,412,000	0.000108	276,861	156,278
Georgetown Substation	Indiana	7759	GT2	211,664	1,326,412,000	0.000160	276,861	156,278
Georgetown Substation	Indiana	7759	GT3	197,320	1,326,412,000	0.000149	276,861	156,278
Georgetown Substation	Indiana	7759	GT4	192,834	1,326,412,000	0.000145	276,861	156,278
Gibson	Indiana	6113	1	44,225,922	1,326,412,000	0.033343	276,861	156,278

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Connersville Peaking Station	Indiana	1002	2A	106,434	105,171	0	0	0	0
Connersville Peaking Station	Indiana	1002	2B	106,434	105,171	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	11	106,434	105,171				
Dean H Mitchell Generating Station	Indiana	996	4	106,434	105,171				
Dean H Mitchell Generating Station	Indiana	996	5	106,434	105,171				
Dean H Mitchell Generating Station	Indiana	996	6	106,434	105,171				
Duke Energy Vermillion, II LLC	Indiana	55111	1	106,434	105,171	30	17	12	11
Duke Energy Vermillion, II LLC	Indiana	55111	2	106,434	105,171	34	19	13	13
Duke Energy Vermillion, II LLC	Indiana	55111	3	106,434	105,171	35	20	13	13
Duke Energy Vermillion, II LLC	Indiana	55111	4	106,434	105,171	36	20	14	14
Duke Energy Vermillion, II LLC	Indiana	55111	5	106,434	105,171	28	16	11	11
Duke Energy Vermillion, II LLC	Indiana	55111	6	106,434	105,171	31	18	12	12
Duke Energy Vermillion, II LLC	Indiana	55111	7	106,434	105,171	29	16	11	11
Duke Energy Vermillion, II LLC	Indiana	55111	8	106,434	105,171	32	18	12	12
Edwardsport	Indiana	1004	6-1	106,434	105,171	2	1	1	1
Edwardsport	Indiana	1004	7-1	106,434	105,171	225	127	86	85
Edwardsport	Indiana	1004	7-2	106,434	105,171	192	109	74	73
Edwardsport	Indiana	1004	8-1	106,434	105,171	232	131	89	88
F B Culley Generating Station	Indiana	1012	2	106,434	105,171	1,567	885	602	595
F B Culley Generating Station	Indiana	1012	3	106,434	105,171	4,742	2,677	1,823	1,801
Frank E Ratts	Indiana	1043	1SG1	106,434	105,171	1,836	1,036	706	698
Frank E Ratts	Indiana	1043	2SG1	106,434	105,171	1,929	1,089	741	733
Georgetown Substation	Indiana	7759	GT1	106,434	105,171	30	17	12	11
Georgetown Substation	Indiana	7759	GT2	106,434	105,171	44	25	17	17
Georgetown Substation	Indiana	7759	GT3	106,434	105,171	41	23	16	16
Georgetown Substation	Indiana	7759	GT4	106,434	105,171	40	23	15	15
Gibson	Indiana	6113	1	106,434	105,171	9,231	5,211	3,549	3,507

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Connersville Peaking Station	Indiana	1002	2A						
Connersville Peaking Station	Indiana	1002	2B						
Dean H Mitchell Generating Station	Indiana	996	11						
Dean H Mitchell Generating Station	Indiana	996	4						
Dean H Mitchell Generating Station	Indiana	996	5						
Dean H Mitchell Generating Station	Indiana	996	6						
Duke Energy Vermillion, II LLC	Indiana	55111	1	0		0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	2	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	3	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	4	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	5	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	6	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	7	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	8	0	0	0	0	0	0
Edwardsport	Indiana	1004	6-1					1	
Edwardsport	Indiana	1004	7-1	3,074	3,511	2,201	1,112	2,040	2,792
Edwardsport	Indiana	1004	7-2	2,332	3,726	2,525	1,227	1,848	1,792
Edwardsport	Indiana	1004	8-1	2,615	3,471	2,416	986	2,298	3,006
F B Culley Generating Station	Indiana	1012	2	1,193	1,015	1,136	1,220	1,048	1,488
F B Culley Generating Station	Indiana	1012	3	2,923	1,605	1,548	1,612	2,629	2,455
Frank E Ratts	Indiana	1043	1SG1	8,296	8,930	8,634	11,118	10,274	13,652
Frank E Ratts	Indiana	1043	2SG1	9,307	9,322	6,490	10,520	11,012	13,682
Georgetown Substation	Indiana	7759	GT1	0	0	0	0	0	0
Georgetown Substation	Indiana	7759	GT2	0	0	0	0	0	0
Georgetown Substation	Indiana	7759	GT3	0	0	0	0	0	0
Georgetown Substation	Indiana	7759	GT4	0	0	0	0	0	0
Gibson	Indiana	6113	1	35,586	41,020	35,140	46,337	34,350	1,806

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Connersville Peaking Station	Indiana	1002	2A			0			
Connersville Peaking Station	Indiana	1002	2B		0	0			
Dean H Mitchell Generating Station	Indiana	996	11			0			
Dean H Mitchell Generating Station	Indiana	996	4			0			
Dean H Mitchell Generating Station	Indiana	996	5			0			
Dean H Mitchell Generating Station	Indiana	996	6			0			
Duke Energy Vermillion, II LLC	Indiana	55111	1	0	0	0			
Duke Energy Vermillion, II LLC	Indiana	55111	2	0	0	0			
Duke Energy Vermillion, II LLC	Indiana	55111	3	0	0	0			
Duke Energy Vermillion, II LLC	Indiana	55111	4	0	0	0			
Duke Energy Vermillion, II LLC	Indiana	55111	5	0	0	0			
Duke Energy Vermillion, II LLC	Indiana	55111	6	0	0	0			
Duke Energy Vermillion, II LLC	Indiana	55111	7	0	0	0			
Duke Energy Vermillion, II LLC	Indiana	55111	8	0	0	0			
Edwardsport	Indiana	1004	6-1			1			
Edwardsport	Indiana	1004	7-1	445	970	3,511			
Edwardsport	Indiana	1004	7-2	406	1,396	3,726			
Edwardsport	Indiana	1004	8-1	576	1,150	3,471			
F B Culley Generating Station	Indiana	1012	2	435	406	1,488			
F B Culley Generating Station	Indiana	1012	3	1,616	1,494	2,923			
Frank E Ratts	Indiana	1043	1SG1	11,045	11,133	13,652			
Frank E Ratts	Indiana	1043	2SG1	12,903	10,174	13,682			
Georgetown Substation	Indiana	7759	GT1	0	0	0			
Georgetown Substation	Indiana	7759	GT2	0	0	0			
Georgetown Substation	Indiana	7759	GT3	0	0	0			
Georgetown Substation	Indiana	7759	GT4	0	0	0			
Gibson	Indiana	6113	1	1,614	2,140	46,337			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Connersville Peaking Station	Indiana	1002	2A				1		0
Connersville Peaking Station	Indiana	1002	2B				1		0
Dean H Mitchell Generating Station	Indiana	996	11						
Dean H Mitchell Generating Station	Indiana	996	4						
Dean H Mitchell Generating Station	Indiana	996	5						
Dean H Mitchell Generating Station	Indiana	996	6						
Duke Energy Vermillion, II LLC	Indiana	55111	1				0	0	3
Duke Energy Vermillion, II LLC	Indiana	55111	2				1	0	3
Duke Energy Vermillion, II LLC	Indiana	55111	3				4	0	3
Duke Energy Vermillion, II LLC	Indiana	55111	4				2	0	3
Duke Energy Vermillion, II LLC	Indiana	55111	5				1	0	3
Duke Energy Vermillion, II LLC	Indiana	55111	6				2	0	3
Duke Energy Vermillion, II LLC	Indiana	55111	7				2	0	2
Duke Energy Vermillion, II LLC	Indiana	55111	8				4	0	3
Edwardsport	Indiana	1004	6-1						
Edwardsport	Indiana	1004	7-1				748	893	501
Edwardsport	Indiana	1004	7-2				538	878	526
Edwardsport	Indiana	1004	8-1				554	819	529
F B Culley Generating Station	Indiana	1012	2				859	681	767
F B Culley Generating Station	Indiana	1012	3				3,209	1,635	1,673
Frank E Ratts	Indiana	1043	1SG1				1,837	1,919	1,576
Frank E Ratts	Indiana	1043	2SG1				1,886	1,882	1,129
Georgetown Substation	Indiana	7759	GT1				1	1	3
Georgetown Substation	Indiana	7759	GT2				0	0	4
Georgetown Substation	Indiana	7759	GT3				0	1	4
Georgetown Substation	Indiana	7759	GT4				0	1	5
Gibson	Indiana	6113	1				7,887	7,175	4,059

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Connersville Peaking Station	Indiana	1002	2A	1		1		0	1
Connersville Peaking Station	Indiana	1002	2B	1		1		0	1
Dean H Mitchell Generating Station	Indiana	996	11						0
Dean H Mitchell Generating Station	Indiana	996	4						0
Dean H Mitchell Generating Station	Indiana	996	5						0
Dean H Mitchell Generating Station	Indiana	996	6						0
Duke Energy Vermillion, II LLC	Indiana	55111	1	5	3	2	2	2	5
Duke Energy Vermillion, II LLC	Indiana	55111	2	5	4	3	2	2	5
Duke Energy Vermillion, II LLC	Indiana	55111	3	4	4	3	2	3	4
Duke Energy Vermillion, II LLC	Indiana	55111	4	4	4	3	2	3	4
Duke Energy Vermillion, II LLC	Indiana	55111	5	5	4	2	2	2	5
Duke Energy Vermillion, II LLC	Indiana	55111	6	4	4	2	2	2	4
Duke Energy Vermillion, II LLC	Indiana	55111	7	4	3	1	1	2	4
Duke Energy Vermillion, II LLC	Indiana	55111	8	4	3	2	2	3	4
Edwardsport	Indiana	1004	6-1		1				1
Edwardsport	Indiana	1004	7-1	201	375	464	78	165	893
Edwardsport	Indiana	1004	7-2	199	306	266	56	225	878
Edwardsport	Indiana	1004	8-1	190	370	429	94	183	819
F B Culley Generating Station	Indiana	1012	2	767	627	872	237	299	872
F B Culley Generating Station	Indiana	1012	3	1,389	1,815	1,602	784	1,182	3,209
Frank E Ratts	Indiana	1043	1SG1	2,169	2,618	1,287	1,098	909	2,618
Frank E Ratts	Indiana	1043	2SG1	1,950	2,211	2,197	1,327	951	2,211
Georgetown Substation	Indiana	7759	GT1	2	1	1	0	2	3
Georgetown Substation	Indiana	7759	GT2	2	3	0	1	3	4
Georgetown Substation	Indiana	7759	GT3	1	3	0	1	3	4
Georgetown Substation	Indiana	7759	GT4	2	3	0	0	2	5
Gibson	Indiana	6113	1	5,690	4,972	6,253	1,345	2,229	7,887

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Connersville Peaking Station	Indiana	1002	2A						
Connersville Peaking Station	Indiana	1002	2B						
Dean H Mitchell Generating Station	Indiana	996	11						
Dean H Mitchell Generating Station	Indiana	996	4						
Dean H Mitchell Generating Station	Indiana	996	5						
Dean H Mitchell Generating Station	Indiana	996	6						
Duke Energy Vermillion, II LLC	Indiana	55111	1						
Duke Energy Vermillion, II LLC	Indiana	55111	2						
Duke Energy Vermillion, II LLC	Indiana	55111	3						
Duke Energy Vermillion, II LLC	Indiana	55111	4						
Duke Energy Vermillion, II LLC	Indiana	55111	5						
Duke Energy Vermillion, II LLC	Indiana	55111	6						
Duke Energy Vermillion, II LLC	Indiana	55111	7						
Duke Energy Vermillion, II LLC	Indiana	55111	8						
Edwardsport	Indiana	1004	6-1						
Edwardsport	Indiana	1004	7-1						
Edwardsport	Indiana	1004	7-2						
Edwardsport	Indiana	1004	8-1						
F B Culley Generating Station	Indiana	1012	2						
F B Culley Generating Station	Indiana	1012	3						
Frank E Ratts	Indiana	1043	1SG1	550	506	506	451	451	451
Frank E Ratts	Indiana	1043	2SG1	578	532	532	473	473	473
Georgetown Substation	Indiana	7759	GT1						
Georgetown Substation	Indiana	7759	GT2						
Georgetown Substation	Indiana	7759	GT3						
Georgetown Substation	Indiana	7759	GT4						
Gibson	Indiana	6113	1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Connersville Peaking Station	Indiana	1002	2A		0	0	0
Connersville Peaking Station	Indiana	1002	2B		0	0	0
Dean H Mitchell Generating Station	Indiana	996	11		0	0	0
Dean H Mitchell Generating Station	Indiana	996	4		0	0	0
Dean H Mitchell Generating Station	Indiana	996	5		0	0	0
Dean H Mitchell Generating Station	Indiana	996	6		0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	1		0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	2		0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	3		0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	4		0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	5		0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	6		0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	7		0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	8		0	0	0
Edwardsport	Indiana	1004	6-1		1	1	1
Edwardsport	Indiana	1004	7-1		243	134	134
Edwardsport	Indiana	1004	7-2		208	115	115
Edwardsport	Indiana	1004	8-1		251	139	139
F B Culley Generating Station	Indiana	1012	2		1,488	935	935
F B Culley Generating Station	Indiana	1012	3		2,923	2,829	2,829
Frank E Ratts	Indiana	1043	1SG1		1,982	1,096	1,096
Frank E Ratts	Indiana	1043	2SG1		2,082	1,151	1,151
Georgetown Substation	Indiana	7759	GT1		0	0	0
Georgetown Substation	Indiana	7759	GT2		0	0	0
Georgetown Substation	Indiana	7759	GT3		0	0	0
Georgetown Substation	Indiana	7759	GT4		0	0	0
Gibson	Indiana	6113	1		9,965	5,508	5,508

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Connersville Peaking Station	Indiana	1002	2A	0	0	0	0
Connersville Peaking Station	Indiana	1002	2B	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	11	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	4	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	5	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	6	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	1	0	0	5	5
Duke Energy Vermillion, II LLC	Indiana	55111	2	0	0	5	5
Duke Energy Vermillion, II LLC	Indiana	55111	3	0	0	4	4
Duke Energy Vermillion, II LLC	Indiana	55111	4	0	0	4	4
Duke Energy Vermillion, II LLC	Indiana	55111	5	0	0	5	5
Duke Energy Vermillion, II LLC	Indiana	55111	6	0	0	4	4
Duke Energy Vermillion, II LLC	Indiana	55111	7	0	0	4	4
Duke Energy Vermillion, II LLC	Indiana	55111	8	0	0	4	4
Edwardsport	Indiana	1004	6-1	1	1	1	1
Edwardsport	Indiana	1004	7-1	134	134	91	93
Edwardsport	Indiana	1004	7-2	115	115	77	79
Edwardsport	Indiana	1004	8-1	139	139	93	96
F B Culley Generating Station	Indiana	1012	2	935	935	631	646
F B Culley Generating Station	Indiana	1012	3	2,829	2,829	1,909	1,956
Frank E Ratts	Indiana	1043	1SG1	1,096	1,096	550	506
Frank E Ratts	Indiana	1043	2SG1	1,151	1,151	578	532
Georgetown Substation	Indiana	7759	GT1	0	0	3	3
Georgetown Substation	Indiana	7759	GT2	0	0	4	4
Georgetown Substation	Indiana	7759	GT3	0	0	4	4
Georgetown Substation	Indiana	7759	GT4	0	0	5	5
Gibson	Indiana	6113	1	5,508	5,508	3,717	3,808

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Connersville Peaking Station	Indiana	1002	2A	0	0	0	0
Connersville Peaking Station	Indiana	1002	2B	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	11	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	4	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	5	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	6	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	1	5	5	5	5
Duke Energy Vermillion, II LLC	Indiana	55111	2	5	5	5	5
Duke Energy Vermillion, II LLC	Indiana	55111	3	4	4	4	4
Duke Energy Vermillion, II LLC	Indiana	55111	4	4	4	4	4
Duke Energy Vermillion, II LLC	Indiana	55111	5	5	5	5	5
Duke Energy Vermillion, II LLC	Indiana	55111	6	4	4	4	4
Duke Energy Vermillion, II LLC	Indiana	55111	7	4	4	4	4
Duke Energy Vermillion, II LLC	Indiana	55111	8	4	4	4	4
Edwardsport	Indiana	1004	6-1	1	1	1	1
Edwardsport	Indiana	1004	7-1	92	93	93	93
Edwardsport	Indiana	1004	7-2	78	80	80	80
Edwardsport	Indiana	1004	8-1	95	96	96	96
F B Culley Generating Station	Indiana	1012	2	639	648	648	648
F B Culley Generating Station	Indiana	1012	3	1,934	1,961	1,961	1,961
Frank E Ratts	Indiana	1043	1SG1	506	451	451	451
Frank E Ratts	Indiana	1043	2SG1	532	473	473	473
Georgetown Substation	Indiana	7759	GT1	3	3	3	3
Georgetown Substation	Indiana	7759	GT2	4	4	4	4
Georgetown Substation	Indiana	7759	GT3	4	4	4	4
Georgetown Substation	Indiana	7759	GT4	5	5	5	5
Gibson	Indiana	6113	1	3,765	3,818	3,818	3,818

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Connersville Peaking Station	Indiana	1002	2A	2,657		1,643		620	1,640
Connersville Peaking Station	Indiana	1002	2B	2,917		1,644		1,049	1,870
Dean H Mitchell Generating Station	Indiana	996	11						
Dean H Mitchell Generating Station	Indiana	996	4						
Dean H Mitchell Generating Station	Indiana	996	5						
Dean H Mitchell Generating Station	Indiana	996	6						
Duke Energy Vermillion, II LLC	Indiana	55111	1	56,160	129,336	34,068	25,660	67,366	84,287
Duke Energy Vermillion, II LLC	Indiana	55111	2	52,623	154,269	61,631	17,889	93,392	103,097
Duke Energy Vermillion, II LLC	Indiana	55111	3	44,715	131,976	18,999	26,870	113,874	96,855
Duke Energy Vermillion, II LLC	Indiana	55111	4	42,292	152,043	35,897	14,677	108,604	100,980
Duke Energy Vermillion, II LLC	Indiana	55111	5	37,675	144,765	13,733	22,328	75,164	85,868
Duke Energy Vermillion, II LLC	Indiana	55111	6	39,744	158,803	21,993	12,820	82,431	93,659
Duke Energy Vermillion, II LLC	Indiana	55111	7	36,974	149,000	13,230	30,690	84,312	90,095
Duke Energy Vermillion, II LLC	Indiana	55111	8	40,662	147,059	19,797	13,209	92,636	93,452
Edwardsport	Indiana	1004	6-1		7,358				7,358
Edwardsport	Indiana	1004	7-1	278,188	401,508	502,958	61,170	231,658	394,218
Edwardsport	Indiana	1004	7-2	320,118	336,410	302,149	91,936	325,295	327,274
Edwardsport	Indiana	1004	8-1	267,620	459,149	566,593	76,866	262,082	431,121
F B Culley Generating Station	Indiana	1012	2	3,692,600	3,305,457	2,847,622	1,193,248	1,771,992	3,281,893
F B Culley Generating Station	Indiana	1012	3	8,406,727	10,628,259	9,615,279	6,886,167	8,871,053	9,704,864
Frank E Ratts	Indiana	1043	1SG1	3,623,157	3,887,075	3,779,909	3,011,671	3,006,079	3,763,381
Frank E Ratts	Indiana	1043	2SG1	3,543,814	3,814,183	3,930,265	3,588,152	3,563,848	3,777,533
Georgetown Substation	Indiana	7759	GT1	136,093	68,686	59,633	16,369	154,111	119,630
Georgetown Substation	Indiana	7759	GT2	94,775	170,823	23,379	77,515	248,967	171,522
Georgetown Substation	Indiana	7759	GT3	63,697	171,399	20,569	84,090	235,667	163,719
Georgetown Substation	Indiana	7759	GT4	141,723	167,879	36,536	19,123	183,366	164,323
Gibson	Indiana	6113	1	18,896,688	21,065,175	17,905,596	13,441,323	18,830,647	19,597,503

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Connersville Peaking Station	Indiana	1002	2A	574,501,876	0.000003	45,470	44,790	0	0
Connersville Peaking Station	Indiana	1002	2B	574,501,876	0.000003	45,470	44,790	0	0
Dean H Mitchell Generating Station	Indiana	996	11	574,501,876		45,470	44,790		
Dean H Mitchell Generating Station	Indiana	996	4	574,501,876		45,470	44,790		
Dean H Mitchell Generating Station	Indiana	996	5	574,501,876		45,470	44,790		
Dean H Mitchell Generating Station	Indiana	996	6	574,501,876		45,470	44,790		
Duke Energy Vermillion, II LLC	Indiana	55111	1	574,501,876	0.000147	45,470	44,790	7	7
Duke Energy Vermillion, II LLC	Indiana	55111	2	574,501,876	0.000179	45,470	44,790	8	8
Duke Energy Vermillion, II LLC	Indiana	55111	3	574,501,876	0.000169	45,470	44,790	8	8
Duke Energy Vermillion, II LLC	Indiana	55111	4	574,501,876	0.000176	45,470	44,790	8	8
Duke Energy Vermillion, II LLC	Indiana	55111	5	574,501,876	0.000149	45,470	44,790	7	7
Duke Energy Vermillion, II LLC	Indiana	55111	6	574,501,876	0.000163	45,470	44,790	7	7
Duke Energy Vermillion, II LLC	Indiana	55111	7	574,501,876	0.000157	45,470	44,790	7	7
Duke Energy Vermillion, II LLC	Indiana	55111	8	574,501,876	0.000163	45,470	44,790	7	7
Edwardsport	Indiana	1004	6-1	574,501,876	0.000013	45,470	44,790	1	1
Edwardsport	Indiana	1004	7-1	574,501,876	0.000686	45,470	44,790	31	31
Edwardsport	Indiana	1004	7-2	574,501,876	0.000570	45,470	44,790	26	26
Edwardsport	Indiana	1004	8-1	574,501,876	0.000750	45,470	44,790	34	34
F B Culley Generating Station	Indiana	1012	2	574,501,876	0.005713	45,470	44,790	260	256
F B Culley Generating Station	Indiana	1012	3	574,501,876	0.016893	45,470	44,790	768	757
Frank E Ratts	Indiana	1043	1SG1	574,501,876	0.006551	45,470	44,790	298	293
Frank E Ratts	Indiana	1043	2SG1	574,501,876	0.006575	45,470	44,790	299	295
Georgetown Substation	Indiana	7759	GT1	574,501,876	0.000208	45,470	44,790	9	9
Georgetown Substation	Indiana	7759	GT2	574,501,876	0.000299	45,470	44,790	14	13
Georgetown Substation	Indiana	7759	GT3	574,501,876	0.000285	45,470	44,790	13	13
Georgetown Substation	Indiana	7759	GT4	574,501,876	0.000286	45,470	44,790	13	13
Gibson	Indiana	6113	1	574,501,876	0.034112	45,470	44,790	1,551	1,528

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Connersville Peaking Station	Indiana	1002	2A	1		0	1		0
Connersville Peaking Station	Indiana	1002	2B	1		0	1		0
Dean H Mitchell Generating Station	Indiana	996	11						
Dean H Mitchell Generating Station	Indiana	996	4						
Dean H Mitchell Generating Station	Indiana	996	5						
Dean H Mitchell Generating Station	Indiana	996	6						
Duke Energy Vermillion, II LLC	Indiana	55111	1	0	0	2	1	2	1
Duke Energy Vermillion, II LLC	Indiana	55111	2	0	0	1	2	2	1
Duke Energy Vermillion, II LLC	Indiana	55111	3	4	0	2	1	2	1
Duke Energy Vermillion, II LLC	Indiana	55111	4	1	0	2	1	2	1
Duke Energy Vermillion, II LLC	Indiana	55111	5	1	0	2	1	3	0
Duke Energy Vermillion, II LLC	Indiana	55111	6	2	0	2	1	3	0
Duke Energy Vermillion, II LLC	Indiana	55111	7	2	0	1	1	2	0
Duke Energy Vermillion, II LLC	Indiana	55111	8	4	0	1	1	2	0
Edwardsport	Indiana	1004	6-1					1	
Edwardsport	Indiana	1004	7-1	432	148	289	91	123	154
Edwardsport	Indiana	1004	7-2	337	96	220	93	84	84
Edwardsport	Indiana	1004	8-1	316	141	227	104	131	164
F B Culley Generating Station	Indiana	1012	2	426	229	303	365	259	270
F B Culley Generating Station	Indiana	1012	3	1,280	741	757	664	775	668
Frank E Ratts	Indiana	1043	1SG1	839	753	742	901	940	519
Frank E Ratts	Indiana	1043	2SG1	830	810	397	845	872	926
Georgetown Substation	Indiana	7759	GT1	0	0	2	2	1	1
Georgetown Substation	Indiana	7759	GT2	0	0	3	1	2	0
Georgetown Substation	Indiana	7759	GT3	0	1	3	1	2	0
Georgetown Substation	Indiana	7759	GT4	0	1	4	2	2	0
Gibson	Indiana	6113	1	2,567	2,023	814	629	352	598

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Connersville Peaking Station	Indiana	1002	2A		0	1			
Connersville Peaking Station	Indiana	1002	2B		0	1			
Dean H Mitchell Generating Station	Indiana	996	11			0			
Dean H Mitchell Generating Station	Indiana	996	4			0			
Dean H Mitchell Generating Station	Indiana	996	5			0			
Dean H Mitchell Generating Station	Indiana	996	6			0			
Duke Energy Vermillion, II LLC	Indiana	55111	1	0	1	2			
Duke Energy Vermillion, II LLC	Indiana	55111	2	0	1	2			
Duke Energy Vermillion, II LLC	Indiana	55111	3	0	2	4			
Duke Energy Vermillion, II LLC	Indiana	55111	4	0	1	2			
Duke Energy Vermillion, II LLC	Indiana	55111	5	0	1	3			
Duke Energy Vermillion, II LLC	Indiana	55111	6	1	1	3			
Duke Energy Vermillion, II LLC	Indiana	55111	7	0	1	2			
Duke Energy Vermillion, II LLC	Indiana	55111	8	1	1	4			
Edwardsport	Indiana	1004	6-1			1			
Edwardsport	Indiana	1004	7-1	18	71	432			
Edwardsport	Indiana	1004	7-2	26	114	337			
Edwardsport	Indiana	1004	8-1	24	88	316			
F B Culley Generating Station	Indiana	1012	2	98	165	426			
F B Culley Generating Station	Indiana	1012	3	325	601	1,280			
Frank E Ratts	Indiana	1043	1SG1	418	359	940	550	506	506
Frank E Ratts	Indiana	1043	2SG1	487	470	926	578	532	532
Georgetown Substation	Indiana	7759	GT1	0	2	2			
Georgetown Substation	Indiana	7759	GT2	1	3	3			
Georgetown Substation	Indiana	7759	GT3	1	2	3			
Georgetown Substation	Indiana	7759	GT4	0	2	4			
Gibson	Indiana	6113	1	426	1,498	2,567			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Connersville Peaking Station	Indiana	1002	2A				0	0
Connersville Peaking Station	Indiana	1002	2B				0	0
Dean H Mitchell Generating Station	Indiana	996	11				0	0
Dean H Mitchell Generating Station	Indiana	996	4				0	0
Dean H Mitchell Generating Station	Indiana	996	5				0	0
Dean H Mitchell Generating Station	Indiana	996	6				0	0
Duke Energy Vermillion, II LLC	Indiana	55111	1				2	2
Duke Energy Vermillion, II LLC	Indiana	55111	2				2	2
Duke Energy Vermillion, II LLC	Indiana	55111	3				4	4
Duke Energy Vermillion, II LLC	Indiana	55111	4				2	2
Duke Energy Vermillion, II LLC	Indiana	55111	5				3	3
Duke Energy Vermillion, II LLC	Indiana	55111	6				3	3
Duke Energy Vermillion, II LLC	Indiana	55111	7				2	2
Duke Energy Vermillion, II LLC	Indiana	55111	8				4	4
Edwardsport	Indiana	1004	6-1				1	1
Edwardsport	Indiana	1004	7-1				32	32
Edwardsport	Indiana	1004	7-2				27	27
Edwardsport	Indiana	1004	8-1				35	35
F B Culley Generating Station	Indiana	1012	2				268	268
F B Culley Generating Station	Indiana	1012	3				792	792
Frank E Ratts	Indiana	1043	1SG1	451	451	451	307	307
Frank E Ratts	Indiana	1043	2SG1	473	473	473	308	308
Georgetown Substation	Indiana	7759	GT1				2	2
Georgetown Substation	Indiana	7759	GT2				3	3
Georgetown Substation	Indiana	7759	GT3				3	3
Georgetown Substation	Indiana	7759	GT4				4	4
Gibson	Indiana	6113	1				1,600	1,600

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Connersville Peaking Station	Indiana	1002	2A	0	0	0	0	Y
Connersville Peaking Station	Indiana	1002	2B	0	0	0	0	Y
Dean H Mitchell Generating Station	Indiana	996	11	0	0	0	0	Y
Dean H Mitchell Generating Station	Indiana	996	4	0	0	0	0	Y
Dean H Mitchell Generating Station	Indiana	996	5	0	0	0	0	Y
Dean H Mitchell Generating Station	Indiana	996	6	0	0	0	0	Y
Duke Energy Vermillion, II LLC	Indiana	55111	1	2	2	2	2	Y
Duke Energy Vermillion, II LLC	Indiana	55111	2	2	2	2	2	Y
Duke Energy Vermillion, II LLC	Indiana	55111	3	4	4	4	4	Y
Duke Energy Vermillion, II LLC	Indiana	55111	4	2	2	2	2	Y
Duke Energy Vermillion, II LLC	Indiana	55111	5	3	3	3	3	Y
Duke Energy Vermillion, II LLC	Indiana	55111	6	3	3	3	3	Y
Duke Energy Vermillion, II LLC	Indiana	55111	7	2	2	2	2	Y
Duke Energy Vermillion, II LLC	Indiana	55111	8	4	4	4	4	Y
Edwardsport	Indiana	1004	6-1	1	1	1	1	Y
Edwardsport	Indiana	1004	7-1	32	32	32	32	Y
Edwardsport	Indiana	1004	7-2	26	26	26	26	Y
Edwardsport	Indiana	1004	8-1	35	35	35	35	Y
F B Culley Generating Station	Indiana	1012	2	264	264	264	264	Y
F B Culley Generating Station	Indiana	1012	3	780	780	780	780	Y
Frank E Ratts	Indiana	1043	1SG1	303	303	303	303	Y
Frank E Ratts	Indiana	1043	2SG1	304	304	304	304	Y
Georgetown Substation	Indiana	7759	GT1	2	2	2	2	Y
Georgetown Substation	Indiana	7759	GT2	3	3	3	3	Y
Georgetown Substation	Indiana	7759	GT3	3	3	3	3	Y
Georgetown Substation	Indiana	7759	GT4	4	4	4	4	Y
Gibson	Indiana	6113	1	1,576	1,576	1,576	1,576	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Connersville Peaking Station	Indiana	1002	2A	Y		Y		
Connersville Peaking Station	Indiana	1002	2B	Y		Y		
Dean H Mitchell Generating Station	Indiana	996	11	Y		Y		
Dean H Mitchell Generating Station	Indiana	996	4	Y		Y		
Dean H Mitchell Generating Station	Indiana	996	5	Y		Y		
Dean H Mitchell Generating Station	Indiana	996	6	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	1	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	2	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	3	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	4	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	5	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	6	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	7	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	8	Y		Y		
Edwardsport	Indiana	1004	6-1	Y		Y		
Edwardsport	Indiana	1004	7-1	Y		Y		
Edwardsport	Indiana	1004	7-2	Y		Y		
Edwardsport	Indiana	1004	8-1	Y		Y		
F B Culley Generating Station	Indiana	1012	2	Y		Y		
F B Culley Generating Station	Indiana	1012	3	Y		Y		
Frank E Ratts	Indiana	1043	1SG1	Y		Y		
Frank E Ratts	Indiana	1043	2SG1	Y		Y		
Georgetown Substation	Indiana	7759	GT1	Y		Y		
Georgetown Substation	Indiana	7759	GT2	Y		Y		
Georgetown Substation	Indiana	7759	GT3	Y		Y		
Georgetown Substation	Indiana	7759	GT4	Y		Y		
Gibson	Indiana	6113	1	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Gibson	Indiana	6113	2	2783	41,584,725	39,085,948	45,880,041	35,091,066	43,575,379
Gibson	Indiana	6113	3	2784	39,025,441	50,387,344	45,282,027	44,293,717	46,046,113
Gibson	Indiana	6113	4	2785	45,429,520	44,555,299	35,707,356	29,910,566	40,842,755
Gibson	Indiana	6113	5	2786	40,083,487	39,527,000	29,108,730	32,811,788	25,549,996
Harding Street Station (EW Stout)	Indiana	990	10	670	3,603	10,973	5,846	282	27,343
Harding Street Station (EW Stout)	Indiana	990	50	675	5,748,259	6,814,757	6,336,841	6,541,394	6,895,227
Harding Street Station (EW Stout)	Indiana	990	60	677	6,409,907	5,817,048	6,280,121	6,624,338	5,590,754
Harding Street Station (EW Stout)	Indiana	990	70	679	25,822,383	24,207,612	22,853,505	26,281,225	21,085,736
Harding Street Station (EW Stout)	Indiana	990	9	681	2,406	14,231	1,828	5,579	35,457
Harding Street Station (EW Stout)	Indiana	990	GT4	682	127,623	150,835	69,563	13,220	255,962
Harding Street Station (EW Stout)	Indiana	990	GT5	683	123,840	142,164	70,136	27,382	244,404
Harding Street Station (EW Stout)	Indiana	990	GT6	684	489,736	533,034	230,406	52,227	494,499
Henry County Generating Station	Indiana	7763	1	3173	252,616	301,674	149,471	147,902	223,890
Henry County Generating Station	Indiana	7763	2	3174	244,845	306,042	148,526	142,436	215,326
Henry County Generating Station	Indiana	7763	3	3175	228,640	287,704	145,993	138,117	201,947
Hoosier Energy Lawrence Co Station	Indiana	7948	1	8410	63,546	122,050	59,465	34,570	92,027
Hoosier Energy Lawrence Co Station	Indiana	7948	2	8412	68,789	123,950	46,369	41,190	91,835
Hoosier Energy Lawrence Co Station	Indiana	7948	3	8414	67,881	121,658	46,696	31,527	97,927
Hoosier Energy Lawrence Co Station	Indiana	7948	4	8416	67,816	116,053	39,297	30,540	75,457
Hoosier Energy Lawrence Co Station	Indiana	7948	5	88290	64,746	92,784	33,043	45,480	68,290
Hoosier Energy Lawrence Co Station	Indiana	7948	6	88291	58,735	91,102	28,448	46,565	79,681
IPL Eagle Valley Generating Station	Indiana	991	1	685	16,945	9,016	3,703		40,435
IPL Eagle Valley Generating Station	Indiana	991	2	686	18,436	13,246	3,393		40,050
IPL Eagle Valley Generating Station	Indiana	991	3	687	2,294,459	2,528,823	1,999,013	243,010	1,195,363
IPL Eagle Valley Generating Station	Indiana	991	4	688	3,852,184	4,066,300	2,410,710	2,116,213	3,059,002
IPL Eagle Valley Generating Station	Indiana	991	5	689	3,090,191	3,272,709	2,661,976	2,250,724	2,825,779
IPL Eagle Valley Generating Station	Indiana	991	6	690	5,998,798	5,674,244	4,901,897	5,436,255	5,033,366

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Gibson	Indiana	6113	2	43,680,049	1,326,412,000	0.032931	276,861	156,278
Gibson	Indiana	6113	3	47,238,495	1,326,412,000	0.035614	276,861	156,278
Gibson	Indiana	6113	4	43,609,191	1,326,412,000	0.032878	276,861	156,278
Gibson	Indiana	6113	5	37,474,091	1,326,412,000	0.028252	276,861	156,278
Harding Street Station (EW Stout)	Indiana	990	10	14,721	1,326,412,000	0.000011	276,861	156,278
Harding Street Station (EW Stout)	Indiana	990	50	6,750,460	1,326,412,000	0.005089	276,861	156,278
Harding Street Station (EW Stout)	Indiana	990	60	6,438,122	1,326,412,000	0.004854	276,861	156,278
Harding Street Station (EW Stout)	Indiana	990	70	25,437,074	1,326,412,000	0.019177	276,861	156,278
Harding Street Station (EW Stout)	Indiana	990	9	18,423	1,326,412,000	0.000014	276,861	156,278
Harding Street Station (EW Stout)	Indiana	990	GT4	178,140	1,326,412,000	0.000134	276,861	156,278
Harding Street Station (EW Stout)	Indiana	990	GT5	170,136	1,326,412,000	0.000128	276,861	156,278
Harding Street Station (EW Stout)	Indiana	990	GT6	505,756	1,326,412,000	0.000381	276,861	156,278
Henry County Generating Station	Indiana	7763	1	259,393	1,326,412,000	0.000196	276,861	156,278
Henry County Generating Station	Indiana	7763	2	255,404	1,326,412,000	0.000193	276,861	156,278
Henry County Generating Station	Indiana	7763	3	239,430	1,326,412,000	0.000181	276,861	156,278
Hoosier Energy Lawrence Co Station	Indiana	7948	1	92,541	1,326,412,000	0.000070	276,861	156,278
Hoosier Energy Lawrence Co Station	Indiana	7948	2	94,858	1,326,412,000	0.000072	276,861	156,278
Hoosier Energy Lawrence Co Station	Indiana	7948	3	95,822	1,326,412,000	0.000072	276,861	156,278
Hoosier Energy Lawrence Co Station	Indiana	7948	4	86,442	1,326,412,000	0.000065	276,861	156,278
Hoosier Energy Lawrence Co Station	Indiana	7948	5	75,273	1,326,412,000	0.000057	276,861	156,278
Hoosier Energy Lawrence Co Station	Indiana	7948	6	76,506	1,326,412,000	0.000058	276,861	156,278
IPL Eagle Valley Generating Station	Indiana	991	1	22,132	1,326,412,000	0.000017	276,861	156,278
IPL Eagle Valley Generating Station	Indiana	991	2	23,910	1,326,412,000	0.000018	276,861	156,278
IPL Eagle Valley Generating Station	Indiana	991	3	2,274,098	1,326,412,000	0.001714	276,861	156,278
IPL Eagle Valley Generating Station	Indiana	991	4	3,659,162	1,326,412,000	0.002759	276,861	156,278
IPL Eagle Valley Generating Station	Indiana	991	5	3,062,893	1,326,412,000	0.002309	276,861	156,278
IPL Eagle Valley Generating Station	Indiana	991	6	5,703,099	1,326,412,000	0.004300	276,861	156,278

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Gibson	Indiana	6113	2	106,434	105,171	9,117	5,146	3,505	3,463
Gibson	Indiana	6113	3	106,434	105,171	9,860	5,566	3,791	3,746
Gibson	Indiana	6113	4	106,434	105,171	9,103	5,138	3,499	3,458
Gibson	Indiana	6113	5	106,434	105,171	7,822	4,415	3,007	2,971
Harding Street Station (EW Stout)	Indiana	990	10	106,434	105,171	3	2	1	1
Harding Street Station (EW Stout)	Indiana	990	50	106,434	105,171	1,409	795	542	535
Harding Street Station (EW Stout)	Indiana	990	60	106,434	105,171	1,344	759	517	510
Harding Street Station (EW Stout)	Indiana	990	70	106,434	105,171	5,309	2,997	2,041	2,017
Harding Street Station (EW Stout)	Indiana	990	9	106,434	105,171	4	2	1	1
Harding Street Station (EW Stout)	Indiana	990	GT4	106,434	105,171	37	21	14	14
Harding Street Station (EW Stout)	Indiana	990	GT5	106,434	105,171	36	20	14	13
Harding Street Station (EW Stout)	Indiana	990	GT6	106,434	105,171	106	60	41	40
Henry County Generating Station	Indiana	7763	1	106,434	105,171	54	31	21	21
Henry County Generating Station	Indiana	7763	2	106,434	105,171	53	30	20	20
Henry County Generating Station	Indiana	7763	3	106,434	105,171	50	28	19	19
Hoosier Energy Lawrence Co Station	Indiana	7948	1	106,434	105,171	19	11	7	7
Hoosier Energy Lawrence Co Station	Indiana	7948	2	106,434	105,171	20	11	8	8
Hoosier Energy Lawrence Co Station	Indiana	7948	3	106,434	105,171	20	11	8	8
Hoosier Energy Lawrence Co Station	Indiana	7948	4	106,434	105,171	18	10	7	7
Hoosier Energy Lawrence Co Station	Indiana	7948	5	106,434	105,171	16	9	6	6
Hoosier Energy Lawrence Co Station	Indiana	7948	6	106,434	105,171	16	9	6	6
IPL Eagle Valley Generating Station	Indiana	991	1	106,434	105,171	5	3	2	2
IPL Eagle Valley Generating Station	Indiana	991	2	106,434	105,171	5	3	2	2
IPL Eagle Valley Generating Station	Indiana	991	3	106,434	105,171	475	268	182	180
IPL Eagle Valley Generating Station	Indiana	991	4	106,434	105,171	764	431	294	290
IPL Eagle Valley Generating Station	Indiana	991	5	106,434	105,171	639	361	246	243
IPL Eagle Valley Generating Station	Indiana	991	6	106,434	105,171	1,190	672	458	452

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Gibson	Indiana	6113	2	33,239	46,258	40,372	44,725	13,124	1,813
Gibson	Indiana	6113	3	43,964	53,618	49,859	38,782	2,224	2,442
Gibson	Indiana	6113	4	6,412	9,178	9,105	6,363	4,353	3,002
Gibson	Indiana	6113	5	17,336	14,047	19,758	18,849	18,896	11,464
Harding Street Station (EW Stout)	Indiana	990	10	0	0	0	0	0	0
Harding Street Station (EW Stout)	Indiana	990	50	8,718	8,125	9,241	6,859	8,184	9,121
Harding Street Station (EW Stout)	Indiana	990	60	9,467	7,421	9,884	7,761	7,109	9,255
Harding Street Station (EW Stout)	Indiana	990	70	32,828	29,235	30,222	31,725	20,907	1,196
Harding Street Station (EW Stout)	Indiana	990	9	0	0	0	0	0	0
Harding Street Station (EW Stout)	Indiana	990	GT4	2	1	1	0	0	0
Harding Street Station (EW Stout)	Indiana	990	GT5	2	1	2	0	0	1
Harding Street Station (EW Stout)	Indiana	990	GT6	0	0	0	0	0	0
Henry County Generating Station	Indiana	7763	1	0	0	0	0	0	0
Henry County Generating Station	Indiana	7763	2	0	0	0	0	0	0
Henry County Generating Station	Indiana	7763	3	0	0	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	1			0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	2			0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	3			0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	4			0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	5			0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	6			0	0	0	0
IPL Eagle Valley Generating Station	Indiana	991	1	0	1	0	0	0	0
IPL Eagle Valley Generating Station	Indiana	991	2	1	1	0	0	0	0
IPL Eagle Valley Generating Station	Indiana	991	3	2,730	2,919	3,010	2,291	2,701	2,161
IPL Eagle Valley Generating Station	Indiana	991	4	3,922	3,830	3,933	3,795	4,209	2,635
IPL Eagle Valley Generating Station	Indiana	991	5	3,538	3,967	3,862	3,017	3,378	2,915
IPL Eagle Valley Generating Station	Indiana	991	6	6,745	6,043	7,006	5,726	5,812	5,375

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Gibson	Indiana	6113	2	1,692	2,522	46,258			
Gibson	Indiana	6113	3	2,722	3,173	53,618			
Gibson	Indiana	6113	4	3,044	3,901	9,178			
Gibson	Indiana	6113	5	11,870	10,139	19,758			
Harding Street Station (EW Stout)	Indiana	990	10	0	1	1			
Harding Street Station (EW Stout)	Indiana	990	50	10,043	11,159	11,159			
Harding Street Station (EW Stout)	Indiana	990	60	10,411	8,795	10,411			
Harding Street Station (EW Stout)	Indiana	990	70	3,144	1,713	32,828			
Harding Street Station (EW Stout)	Indiana	990	9	0	1	1			
Harding Street Station (EW Stout)	Indiana	990	GT4	0	0	2			
Harding Street Station (EW Stout)	Indiana	990	GT5	0	0	2			
Harding Street Station (EW Stout)	Indiana	990	GT6	0	0	0			
Henry County Generating Station	Indiana	7763	1	0	0	0			
Henry County Generating Station	Indiana	7763	2	0	0	0			
Henry County Generating Station	Indiana	7763	3	0	0	0			
Hoosier Energy Lawrence Co Station	Indiana	7948	1	0	0	0			
Hoosier Energy Lawrence Co Station	Indiana	7948	2	0	0	0			
Hoosier Energy Lawrence Co Station	Indiana	7948	3	0	0	0			
Hoosier Energy Lawrence Co Station	Indiana	7948	4	0	0	0			
Hoosier Energy Lawrence Co Station	Indiana	7948	5	0	0	0			
Hoosier Energy Lawrence Co Station	Indiana	7948	6	0	0	0			
IPL Eagle Valley Generating Station	Indiana	991	1		1	1			
IPL Eagle Valley Generating Station	Indiana	991	2		1	1			
IPL Eagle Valley Generating Station	Indiana	991	3	273	1,172	3,010			
IPL Eagle Valley Generating Station	Indiana	991	4	2,319	3,027	4,209			
IPL Eagle Valley Generating Station	Indiana	991	5	2,486	2,877	3,967			
IPL Eagle Valley Generating Station	Indiana	991	6	6,013	5,188	7,006			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Gibson	Indiana	6113	2				7,130	8,004	5,337
Gibson	Indiana	6113	3				6,914	7,234	6,980
Gibson	Indiana	6113	4				5,190	8,749	7,237
Gibson	Indiana	6113	5				11,295	5,687	6,671
Harding Street Station (EW Stout)	Indiana	990	10				1	0	1
Harding Street Station (EW Stout)	Indiana	990	50				1,194	1,114	1,048
Harding Street Station (EW Stout)	Indiana	990	60				1,203	963	964
Harding Street Station (EW Stout)	Indiana	990	70				3,926	4,143	2,495
Harding Street Station (EW Stout)	Indiana	990	9				2	0	0
Harding Street Station (EW Stout)	Indiana	990	GT4				13	8	17
Harding Street Station (EW Stout)	Indiana	990	GT5				12	8	23
Harding Street Station (EW Stout)	Indiana	990	GT6				2	1	9
Henry County Generating Station	Indiana	7763	1				3	8	16
Henry County Generating Station	Indiana	7763	2				4	7	16
Henry County Generating Station	Indiana	7763	3				3	8	17
Hoosier Energy Lawrence Co Station	Indiana	7948	1						8
Hoosier Energy Lawrence Co Station	Indiana	7948	2						9
Hoosier Energy Lawrence Co Station	Indiana	7948	3						9
Hoosier Energy Lawrence Co Station	Indiana	7948	4						8
Hoosier Energy Lawrence Co Station	Indiana	7948	5						7
Hoosier Energy Lawrence Co Station	Indiana	7948	6						11
IPL Eagle Valley Generating Station	Indiana	991	1				1	0	1
IPL Eagle Valley Generating Station	Indiana	991	2				2	0	2
IPL Eagle Valley Generating Station	Indiana	991	3				1,064	952	868
IPL Eagle Valley Generating Station	Indiana	991	4				1,517	1,131	1,045
IPL Eagle Valley Generating Station	Indiana	991	5				668	759	608
IPL Eagle Valley Generating Station	Indiana	991	6				1,176	914	1,012

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Gibson	Indiana	6113	2	5,619	5,424	6,846	2,229	2,896	8,004
Gibson	Indiana	6113	3	5,073	7,443	7,525	2,904	3,420	7,525
Gibson	Indiana	6113	4	6,417	6,424	4,452	1,288	1,768	8,749
Gibson	Indiana	6113	5	5,734	5,760	4,474	1,802	1,704	11,295
Harding Street Station (EW Stout)	Indiana	990	10	0	1	0	0	2	2
Harding Street Station (EW Stout)	Indiana	990	50	813	1,060	954	728	892	1,194
Harding Street Station (EW Stout)	Indiana	990	60	832	760	985	762	690	1,203
Harding Street Station (EW Stout)	Indiana	990	70	2,668	2,423	2,595	1,227	1,023	4,143
Harding Street Station (EW Stout)	Indiana	990	9	0	1	0	1	3	3
Harding Street Station (EW Stout)	Indiana	990	GT4	8	10	5	1	22	22
Harding Street Station (EW Stout)	Indiana	990	GT5	8	9	5	2	19	23
Harding Street Station (EW Stout)	Indiana	990	GT6	6	7	3	1	7	9
Henry County Generating Station	Indiana	7763	1	11	14	7	6	10	16
Henry County Generating Station	Indiana	7763	2	10	13	6	6	9	16
Henry County Generating Station	Indiana	7763	3	10	13	6	6	9	17
Hoosier Energy Lawrence Co Station	Indiana	7948	1	2	4	2	1	4	8
Hoosier Energy Lawrence Co Station	Indiana	7948	2	3	5	2	2	4	9
Hoosier Energy Lawrence Co Station	Indiana	7948	3	3	5	2	1	4	9
Hoosier Energy Lawrence Co Station	Indiana	7948	4	2	4	1	1	3	8
Hoosier Energy Lawrence Co Station	Indiana	7948	5	2	3	1	1	3	7
Hoosier Energy Lawrence Co Station	Indiana	7948	6	3	5	1	2	4	11
IPL Eagle Valley Generating Station	Indiana	991	1	1	1	0		2	2
IPL Eagle Valley Generating Station	Indiana	991	2	2	1	0		3	3
IPL Eagle Valley Generating Station	Indiana	991	3	627	734	589	64	263	1,064
IPL Eagle Valley Generating Station	Indiana	991	4	873	860	607	368	535	1,517
IPL Eagle Valley Generating Station	Indiana	991	5	468	468	402	309	348	759
IPL Eagle Valley Generating Station	Indiana	991	6	927	815	749	720	616	1,176

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Gibson	Indiana	6113	2						
Gibson	Indiana	6113	3						
Gibson	Indiana	6113	4						
Gibson	Indiana	6113	5						
Harding Street Station (EW Stout)	Indiana	990	10						
Harding Street Station (EW Stout)	Indiana	990	50						
Harding Street Station (EW Stout)	Indiana	990	60						
Harding Street Station (EW Stout)	Indiana	990	70						
Harding Street Station (EW Stout)	Indiana	990	9						
Harding Street Station (EW Stout)	Indiana	990	GT4						
Harding Street Station (EW Stout)	Indiana	990	GT5						
Harding Street Station (EW Stout)	Indiana	990	GT6						
Henry County Generating Station	Indiana	7763	1						
Henry County Generating Station	Indiana	7763	2						
Henry County Generating Station	Indiana	7763	3						
Hoosier Energy Lawrence Co Station	Indiana	7948	1						
Hoosier Energy Lawrence Co Station	Indiana	7948	2						
Hoosier Energy Lawrence Co Station	Indiana	7948	3						
Hoosier Energy Lawrence Co Station	Indiana	7948	4						
Hoosier Energy Lawrence Co Station	Indiana	7948	5						
Hoosier Energy Lawrence Co Station	Indiana	7948	6						
IPL Eagle Valley Generating Station	Indiana	991	1						
IPL Eagle Valley Generating Station	Indiana	991	2						
IPL Eagle Valley Generating Station	Indiana	991	3						
IPL Eagle Valley Generating Station	Indiana	991	4						
IPL Eagle Valley Generating Station	Indiana	991	5						
IPL Eagle Valley Generating Station	Indiana	991	6						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Gibson	Indiana	6113	2		9,842	5,440	5,440
Gibson	Indiana	6113	3		10,643	5,883	5,883
Gibson	Indiana	6113	4		9,178	5,431	5,431
Gibson	Indiana	6113	5		8,443	4,667	4,667
Harding Street Station (EW Stout)	Indiana	990	10		1	1	1
Harding Street Station (EW Stout)	Indiana	990	50		1,521	841	841
Harding Street Station (EW Stout)	Indiana	990	60		1,451	802	802
Harding Street Station (EW Stout)	Indiana	990	70		5,731	3,168	3,168
Harding Street Station (EW Stout)	Indiana	990	9		1	1	1
Harding Street Station (EW Stout)	Indiana	990	GT4		2	2	2
Harding Street Station (EW Stout)	Indiana	990	GT5		2	2	2
Harding Street Station (EW Stout)	Indiana	990	GT6		0	0	0
Henry County Generating Station	Indiana	7763	1		0	0	0
Henry County Generating Station	Indiana	7763	2		0	0	0
Henry County Generating Station	Indiana	7763	3		0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	1		0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	2		0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	3		0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	4		0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	5		0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	6		0	0	0
IPL Eagle Valley Generating Station	Indiana	991	1		1	1	1
IPL Eagle Valley Generating Station	Indiana	991	2		1	1	1
IPL Eagle Valley Generating Station	Indiana	991	3		512	283	283
IPL Eagle Valley Generating Station	Indiana	991	4		824	456	456
IPL Eagle Valley Generating Station	Indiana	991	5		690	381	381
IPL Eagle Valley Generating Station	Indiana	991	6		1,285	710	710

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Gibson	Indiana	6113	2	5,440	5,440	3,671	3,761
Gibson	Indiana	6113	3	5,883	5,883	3,970	4,068
Gibson	Indiana	6113	4	5,431	5,431	3,665	3,755
Gibson	Indiana	6113	5	4,667	4,667	3,149	3,227
Harding Street Station (EW Stout)	Indiana	990	10	1	1	1	1
Harding Street Station (EW Stout)	Indiana	990	50	841	841	567	581
Harding Street Station (EW Stout)	Indiana	990	60	802	802	541	554
Harding Street Station (EW Stout)	Indiana	990	70	3,168	3,168	2,138	2,190
Harding Street Station (EW Stout)	Indiana	990	9	1	1	2	2
Harding Street Station (EW Stout)	Indiana	990	GT4	2	2	15	15
Harding Street Station (EW Stout)	Indiana	990	GT5	2	2	14	15
Harding Street Station (EW Stout)	Indiana	990	GT6	0	0	9	9
Henry County Generating Station	Indiana	7763	1	0	0	16	16
Henry County Generating Station	Indiana	7763	2	0	0	16	16
Henry County Generating Station	Indiana	7763	3	0	0	17	17
Hoosier Energy Lawrence Co Station	Indiana	7948	1	0	0	8	8
Hoosier Energy Lawrence Co Station	Indiana	7948	2	0	0	8	8
Hoosier Energy Lawrence Co Station	Indiana	7948	3	0	0	8	8
Hoosier Energy Lawrence Co Station	Indiana	7948	4	0	0	7	7
Hoosier Energy Lawrence Co Station	Indiana	7948	5	0	0	6	6
Hoosier Energy Lawrence Co Station	Indiana	7948	6	0	0	6	7
IPL Eagle Valley Generating Station	Indiana	991	1	1	1	2	2
IPL Eagle Valley Generating Station	Indiana	991	2	1	1	2	2
IPL Eagle Valley Generating Station	Indiana	991	3	283	283	191	196
IPL Eagle Valley Generating Station	Indiana	991	4	456	456	308	315
IPL Eagle Valley Generating Station	Indiana	991	5	381	381	257	264
IPL Eagle Valley Generating Station	Indiana	991	6	710	710	479	491

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Gibson	Indiana	6113	2	3,719	3,771	3,771	3,771
Gibson	Indiana	6113	3	4,022	4,078	4,078	4,078
Gibson	Indiana	6113	4	3,713	3,765	3,765	3,765
Gibson	Indiana	6113	5	3,190	3,235	3,235	3,235
Harding Street Station (EW Stout)	Indiana	990	10	1	1	1	1
Harding Street Station (EW Stout)	Indiana	990	50	575	583	583	583
Harding Street Station (EW Stout)	Indiana	990	60	548	556	556	556
Harding Street Station (EW Stout)	Indiana	990	70	2,166	2,196	2,196	2,196
Harding Street Station (EW Stout)	Indiana	990	9	2	2	2	2
Harding Street Station (EW Stout)	Indiana	990	GT4	15	15	15	15
Harding Street Station (EW Stout)	Indiana	990	GT5	14	15	15	15
Harding Street Station (EW Stout)	Indiana	990	GT6	9	9	9	9
Henry County Generating Station	Indiana	7763	1	16	16	16	16
Henry County Generating Station	Indiana	7763	2	16	16	16	16
Henry County Generating Station	Indiana	7763	3	17	17	17	17
Hoosier Energy Lawrence Co Station	Indiana	7948	1	8	8	8	8
Hoosier Energy Lawrence Co Station	Indiana	7948	2	8	8	8	8
Hoosier Energy Lawrence Co Station	Indiana	7948	3	8	8	8	8
Hoosier Energy Lawrence Co Station	Indiana	7948	4	7	7	7	7
Hoosier Energy Lawrence Co Station	Indiana	7948	5	6	6	6	6
Hoosier Energy Lawrence Co Station	Indiana	7948	6	7	7	7	7
IPL Eagle Valley Generating Station	Indiana	991	1	2	2	2	2
IPL Eagle Valley Generating Station	Indiana	991	2	2	2	2	2
IPL Eagle Valley Generating Station	Indiana	991	3	194	196	196	196
IPL Eagle Valley Generating Station	Indiana	991	4	312	316	316	316
IPL Eagle Valley Generating Station	Indiana	991	5	261	264	264	264
IPL Eagle Valley Generating Station	Indiana	991	6	486	492	492	492

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Gibson	Indiana	6113	2	17,735,402	16,587,993	18,982,610	13,496,465	19,590,013	18,769,342
Gibson	Indiana	6113	3	19,609,412	20,308,859	20,069,749	17,967,724	18,744,530	19,996,007
Gibson	Indiana	6113	4	20,858,815	18,315,471	16,913,808	14,298,363	16,640,645	18,696,031
Gibson	Indiana	6113	5	17,147,379	16,592,549	12,557,363	12,556,137	14,391,842	16,043,923
Harding Street Station (EW Stout)	Indiana	990	10	3,529	10,013	2,084	282	2,349	5,297
Harding Street Station (EW Stout)	Indiana	990	50	2,601,425	2,801,511	2,377,018	2,475,523	2,677,577	2,693,504
Harding Street Station (EW Stout)	Indiana	990	60	2,559,007	2,518,316	2,124,927	2,762,115	1,652,088	2,613,146
Harding Street Station (EW Stout)	Indiana	990	70	11,148,530	10,719,019	9,142,044	12,155,887	11,231,289	11,511,902
Harding Street Station (EW Stout)	Indiana	990	9	2,324	13,001	1,351	5,536	14,568	11,035
Harding Street Station (EW Stout)	Indiana	990	GT4	108,395	109,071	48,063	7,073	214,512	143,993
Harding Street Station (EW Stout)	Indiana	990	GT5	100,215	101,879	52,117	14,207	207,308	136,467
Harding Street Station (EW Stout)	Indiana	990	GT6	360,925	377,448	204,319	42,302	416,730	385,035
Henry County Generating Station	Indiana	7763	1	161,763	124,450	74,880	48,910	155,122	147,112
Henry County Generating Station	Indiana	7763	2	158,047	131,701	73,903	47,947	150,331	146,693
Henry County Generating Station	Indiana	7763	3	150,968	114,966	73,806	47,207	139,030	134,988
Hoosier Energy Lawrence Co Station	Indiana	7948	1	54,712	110,377	47,785	11,818	82,379	82,490
Hoosier Energy Lawrence Co Station	Indiana	7948	2	62,736	118,092	38,955	16,854	80,566	87,132
Hoosier Energy Lawrence Co Station	Indiana	7948	3	61,369	110,924	37,202	16,104	88,727	87,007
Hoosier Energy Lawrence Co Station	Indiana	7948	4	61,484	110,746	32,625	10,723	67,556	79,929
Hoosier Energy Lawrence Co Station	Indiana	7948	5	59,975	86,234	23,803	10,619	56,966	67,725
Hoosier Energy Lawrence Co Station	Indiana	7948	6	50,989	81,664	18,903	12,823	66,725	66,459
IPL Eagle Valley Generating Station	Indiana	991	1	16,945	6,006	3,703		39,553	20,834
IPL Eagle Valley Generating Station	Indiana	991	2	18,436	9,771	3,393		39,433	22,547
IPL Eagle Valley Generating Station	Indiana	991	3	1,085,159	966,897	569,249	193,226	756,879	936,312
IPL Eagle Valley Generating Station	Indiana	991	4	1,611,950	1,829,305	779,149	897,325	1,572,658	1,671,305
IPL Eagle Valley Generating Station	Indiana	991	5	1,335,633	1,455,862	1,036,019	920,197	1,217,245	1,336,247
IPL Eagle Valley Generating Station	Indiana	991	6	2,279,977	2,366,186	1,650,057	2,077,246	1,545,855	2,241,136

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Gibson	Indiana	6113	2	574,501,876	0.032671	45,470	44,790	1,486	1,463
Gibson	Indiana	6113	3	574,501,876	0.034806	45,470	44,790	1,583	1,559
Gibson	Indiana	6113	4	574,501,876	0.032543	45,470	44,790	1,480	1,458
Gibson	Indiana	6113	5	574,501,876	0.027927	45,470	44,790	1,270	1,251
Harding Street Station (EW Stout)	Indiana	990	10	574,501,876	0.000009	45,470	44,790	0	0
Harding Street Station (EW Stout)	Indiana	990	50	574,501,876	0.004688	45,470	44,790	213	210
Harding Street Station (EW Stout)	Indiana	990	60	574,501,876	0.004549	45,470	44,790	207	204
Harding Street Station (EW Stout)	Indiana	990	70	574,501,876	0.020038	45,470	44,790	911	898
Harding Street Station (EW Stout)	Indiana	990	9	574,501,876	0.000019	45,470	44,790	1	1
Harding Street Station (EW Stout)	Indiana	990	GT4	574,501,876	0.000251	45,470	44,790	11	11
Harding Street Station (EW Stout)	Indiana	990	GT5	574,501,876	0.000238	45,470	44,790	11	11
Harding Street Station (EW Stout)	Indiana	990	GT6	574,501,876	0.000670	45,470	44,790	30	30
Henry County Generating Station	Indiana	7763	1	574,501,876	0.000256	45,470	44,790	12	11
Henry County Generating Station	Indiana	7763	2	574,501,876	0.000255	45,470	44,790	12	11
Henry County Generating Station	Indiana	7763	3	574,501,876	0.000235	45,470	44,790	11	11
Hoosier Energy Lawrence Co Station	Indiana	7948	1	574,501,876	0.000144	45,470	44,790	7	6
Hoosier Energy Lawrence Co Station	Indiana	7948	2	574,501,876	0.000152	45,470	44,790	7	7
Hoosier Energy Lawrence Co Station	Indiana	7948	3	574,501,876	0.000151	45,470	44,790	7	7
Hoosier Energy Lawrence Co Station	Indiana	7948	4	574,501,876	0.000139	45,470	44,790	6	6
Hoosier Energy Lawrence Co Station	Indiana	7948	5	574,501,876	0.000118	45,470	44,790	5	5
Hoosier Energy Lawrence Co Station	Indiana	7948	6	574,501,876	0.000116	45,470	44,790	5	5
IPL Eagle Valley Generating Station	Indiana	991	1	574,501,876	0.000036	45,470	44,790	2	2
IPL Eagle Valley Generating Station	Indiana	991	2	574,501,876	0.000039	45,470	44,790	2	2
IPL Eagle Valley Generating Station	Indiana	991	3	574,501,876	0.001630	45,470	44,790	74	73
IPL Eagle Valley Generating Station	Indiana	991	4	574,501,876	0.002909	45,470	44,790	132	130
IPL Eagle Valley Generating Station	Indiana	991	5	574,501,876	0.002326	45,470	44,790	106	104
IPL Eagle Valley Generating Station	Indiana	991	6	574,501,876	0.003901	45,470	44,790	177	175

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Gibson	Indiana	6113	2	2,263	2,655	769	591	1,050	888
Gibson	Indiana	6113	3	945	1,781	648	672	935	1,827
Gibson	Indiana	6113	4	1,432	2,294	819	963	778	512
Gibson	Indiana	6113	5	4,116	2,214	776	519	470	582
Harding Street Station (EW Stout)	Indiana	990	10	0	0	1	0	1	0
Harding Street Station (EW Stout)	Indiana	990	50	526	412	362	294	415	335
Harding Street Station (EW Stout)	Indiana	990	60	478	336	344	272	275	276
Harding Street Station (EW Stout)	Indiana	990	70	1,322	1,603	664	422	346	601
Harding Street Station (EW Stout)	Indiana	990	9	0	0	0	0	1	0
Harding Street Station (EW Stout)	Indiana	990	GT4	5	4	11	7	7	4
Harding Street Station (EW Stout)	Indiana	990	GT5	6	3	10	6	6	4
Harding Street Station (EW Stout)	Indiana	990	GT6	2	1	5	4	5	3
Henry County Generating Station	Indiana	7763	1	3	4	10	7	5	3
Henry County Generating Station	Indiana	7763	2	3	4	10	6	6	3
Henry County Generating Station	Indiana	7763	3	3	4	11	7	5	3
Hoosier Energy Lawrence Co Station	Indiana	7948	1			5	2	4	2
Hoosier Energy Lawrence Co Station	Indiana	7948	2			6	3	5	2
Hoosier Energy Lawrence Co Station	Indiana	7948	3			7	3	5	2
Hoosier Energy Lawrence Co Station	Indiana	7948	4			5	2	4	1
Hoosier Energy Lawrence Co Station	Indiana	7948	5			4	2	3	1
Hoosier Energy Lawrence Co Station	Indiana	7948	6			6	3	4	1
IPL Eagle Valley Generating Station	Indiana	991	1	1	0	1	1	0	0
IPL Eagle Valley Generating Station	Indiana	991	2	1	0	2	2	1	0
IPL Eagle Valley Generating Station	Indiana	991	3	414	268	247	280	280	141
IPL Eagle Valley Generating Station	Indiana	991	4	573	298	326	346	368	169
IPL Eagle Valley Generating Station	Indiana	991	5	272	234	189	190	212	156
IPL Eagle Valley Generating Station	Indiana	991	6	504	398	348	328	344	256

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Gibson	Indiana	6113	2	700	1,203	2,655			
Gibson	Indiana	6113	3	1,062	1,294	1,827			
Gibson	Indiana	6113	4	574	546	2,294			
Gibson	Indiana	6113	5	683	904	4,116			
Harding Street Station (EW Stout)	Indiana	990	10	0	0	1			
Harding Street Station (EW Stout)	Indiana	990	50	264	309	526			
Harding Street Station (EW Stout)	Indiana	990	60	303	193	478			
Harding Street Station (EW Stout)	Indiana	990	70	466	505	1,603			
Harding Street Station (EW Stout)	Indiana	990	9	1	1	1			
Harding Street Station (EW Stout)	Indiana	990	GT4	1	18	18			
Harding Street Station (EW Stout)	Indiana	990	GT5	1	16	16			
Harding Street Station (EW Stout)	Indiana	990	GT6	1	6	6			
Henry County Generating Station	Indiana	7763	1	2	7	10			
Henry County Generating Station	Indiana	7763	2	2	6	10			
Henry County Generating Station	Indiana	7763	3	2	6	11			
Hoosier Energy Lawrence Co Station	Indiana	7948	1	0	3	5			
Hoosier Energy Lawrence Co Station	Indiana	7948	2	1	3	6			
Hoosier Energy Lawrence Co Station	Indiana	7948	3	1	4	7			
Hoosier Energy Lawrence Co Station	Indiana	7948	4	0	3	5			
Hoosier Energy Lawrence Co Station	Indiana	7948	5	0	2	4			
Hoosier Energy Lawrence Co Station	Indiana	7948	6	1	3	6			
IPL Eagle Valley Generating Station	Indiana	991	1		2	2			
IPL Eagle Valley Generating Station	Indiana	991	2		3	3			
IPL Eagle Valley Generating Station	Indiana	991	3	50	156	414			
IPL Eagle Valley Generating Station	Indiana	991	4	167	279	573			
IPL Eagle Valley Generating Station	Indiana	991	5	124	147	272			
IPL Eagle Valley Generating Station	Indiana	991	6	265	186	504			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Gibson	Indiana	6113	2				1,532	1,532
Gibson	Indiana	6113	3				1,632	1,632
Gibson	Indiana	6113	4				1,526	1,526
Gibson	Indiana	6113	5				1,310	1,310
Harding Street Station (EW Stout)	Indiana	990	10				0	0
Harding Street Station (EW Stout)	Indiana	990	50				220	220
Harding Street Station (EW Stout)	Indiana	990	60				213	213
Harding Street Station (EW Stout)	Indiana	990	70				940	940
Harding Street Station (EW Stout)	Indiana	990	9				1	1
Harding Street Station (EW Stout)	Indiana	990	GT4				12	12
Harding Street Station (EW Stout)	Indiana	990	GT5				11	11
Harding Street Station (EW Stout)	Indiana	990	GT6				6	6
Henry County Generating Station	Indiana	7763	1				10	10
Henry County Generating Station	Indiana	7763	2				10	10
Henry County Generating Station	Indiana	7763	3				11	11
Hoosier Energy Lawrence Co Station	Indiana	7948	1				5	5
Hoosier Energy Lawrence Co Station	Indiana	7948	2				6	6
Hoosier Energy Lawrence Co Station	Indiana	7948	3				7	7
Hoosier Energy Lawrence Co Station	Indiana	7948	4				5	5
Hoosier Energy Lawrence Co Station	Indiana	7948	5				4	4
Hoosier Energy Lawrence Co Station	Indiana	7948	6				5	5
IPL Eagle Valley Generating Station	Indiana	991	1				2	2
IPL Eagle Valley Generating Station	Indiana	991	2				2	2
IPL Eagle Valley Generating Station	Indiana	991	3				76	76
IPL Eagle Valley Generating Station	Indiana	991	4				136	136
IPL Eagle Valley Generating Station	Indiana	991	5				109	109
IPL Eagle Valley Generating Station	Indiana	991	6				183	183

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Gibson	Indiana	6113	2	1,509	1,509	1,509	1,509	Y
Gibson	Indiana	6113	3	1,608	1,608	1,608	1,608	Y
Gibson	Indiana	6113	4	1,503	1,503	1,503	1,503	Y
Gibson	Indiana	6113	5	1,290	1,290	1,290	1,290	Y
Harding Street Station (EW Stout)	Indiana	990	10	0	0	0	0	Y
Harding Street Station (EW Stout)	Indiana	990	50	217	217	217	217	Y
Harding Street Station (EW Stout)	Indiana	990	60	210	210	210	210	Y
Harding Street Station (EW Stout)	Indiana	990	70	926	926	926	926	Y
Harding Street Station (EW Stout)	Indiana	990	9	1	1	1	1	Y
Harding Street Station (EW Stout)	Indiana	990	GT4	12	12	12	12	Y
Harding Street Station (EW Stout)	Indiana	990	GT5	11	11	11	11	Y
Harding Street Station (EW Stout)	Indiana	990	GT6	6	6	6	6	Y
Henry County Generating Station	Indiana	7763	1	10	10	10	10	Y
Henry County Generating Station	Indiana	7763	2	10	10	10	10	Y
Henry County Generating Station	Indiana	7763	3	11	11	11	11	Y
Hoosier Energy Lawrence Co Station	Indiana	7948	1	5	5	5	5	Y
Hoosier Energy Lawrence Co Station	Indiana	7948	2	6	6	6	6	Y
Hoosier Energy Lawrence Co Station	Indiana	7948	3	7	7	7	7	Y
Hoosier Energy Lawrence Co Station	Indiana	7948	4	5	5	5	5	Y
Hoosier Energy Lawrence Co Station	Indiana	7948	5	4	4	4	4	Y
Hoosier Energy Lawrence Co Station	Indiana	7948	6	5	5	5	5	Y
IPL Eagle Valley Generating Station	Indiana	991	1	2	2	2	2	Y
IPL Eagle Valley Generating Station	Indiana	991	2	2	2	2	2	Y
IPL Eagle Valley Generating Station	Indiana	991	3	75	75	75	75	Y
IPL Eagle Valley Generating Station	Indiana	991	4	134	134	134	134	Y
IPL Eagle Valley Generating Station	Indiana	991	5	107	107	107	107	Y
IPL Eagle Valley Generating Station	Indiana	991	6	180	180	180	180	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Gibson	Indiana	6113	2	Y		Y		
Gibson	Indiana	6113	3	Y		Y		
Gibson	Indiana	6113	4	Y		Y		
Gibson	Indiana	6113	5	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	10	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	50	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	60	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	70	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	9	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	GT4	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	GT5	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	GT6	Y		Y		
Henry County Generating Station	Indiana	7763	1	Y		Y		
Henry County Generating Station	Indiana	7763	2	Y		Y		
Henry County Generating Station	Indiana	7763	3	Y		Y		
Hoosier Energy Lawrence Co Station	Indiana	7948	1	Y		Y		
Hoosier Energy Lawrence Co Station	Indiana	7948	2	Y		Y		
Hoosier Energy Lawrence Co Station	Indiana	7948	3	Y		Y		
Hoosier Energy Lawrence Co Station	Indiana	7948	4	Y		Y		
Hoosier Energy Lawrence Co Station	Indiana	7948	5	Y		Y		
Hoosier Energy Lawrence Co Station	Indiana	7948	6	Y		Y		
IPL Eagle Valley Generating Station	Indiana	991	1	Y		Y		
IPL Eagle Valley Generating Station	Indiana	991	2	Y		Y		
IPL Eagle Valley Generating Station	Indiana	991	3	Y		Y		
IPL Eagle Valley Generating Station	Indiana	991	4	Y		Y		
IPL Eagle Valley Generating Station	Indiana	991	5	Y		Y		
IPL Eagle Valley Generating Station	Indiana	991	6	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Lawrenceburg Energy Facility	Indiana	55502	1	8612	964,973	1,977,872	1,342,815	1,087,569	2,444,883
Lawrenceburg Energy Facility	Indiana	55502	2	8614	1,055,654	1,817,381	1,250,101	1,125,271	2,788,558
Lawrenceburg Energy Facility	Indiana	55502	3	8616	827,281	1,717,815	1,221,826	1,061,839	3,030,757
Lawrenceburg Energy Facility	Indiana	55502	4	8618	880,215	1,760,737	1,329,847	900,810	3,234,528
Merom	Indiana	6213	1SG1	2853	30,363,627	38,467,019	30,793,776	39,605,183	36,195,579
Merom	Indiana	6213	2SG1	2854	38,495,214	31,217,997	37,386,471	37,009,303	32,194,314
Michigan City Generating Station	Indiana	997	12	702	31,579,177	28,224,254	24,364,377	21,725,369	22,585,326
Michigan City Generating Station	Indiana	997	4	703					
Michigan City Generating Station	Indiana	997	5	704					
Michigan City Generating Station	Indiana	997	6	705					
Montpelier Electric Gen Station	Indiana	55229	G1CT1	4220	61,514	88,279	69,303	46,840	131,221
Montpelier Electric Gen Station	Indiana	55229	G1CT2	4221	62,279	94,959	75,231	55,790	163,204
Montpelier Electric Gen Station	Indiana	55229	G2CT1	4222	65,578	102,677	86,552	46,684	123,462
Montpelier Electric Gen Station	Indiana	55229	G2CT2	4223	64,240	91,648	88,566	39,309	126,002
Montpelier Electric Gen Station	Indiana	55229	G3CT1	4224	63,243	92,345	84,478	49,766	130,948
Montpelier Electric Gen Station	Indiana	55229	G3CT2	4225	63,108	88,200	70,791	46,686	126,838
Montpelier Electric Gen Station	Indiana	55229	G4CT1	4226	62,194	87,510	68,178	44,702	129,800
Montpelier Electric Gen Station	Indiana	55229	G4CT2	4227	48,318	93,164	72,500	43,806	125,417
Noblesville	Indiana	1007	CT3	8288	481,511	1,057,951	1,062,239	354,403	558,403
Noblesville	Indiana	1007	CT4	8290	464,174	1,125,506	1,108,491	368,198	603,288
Noblesville	Indiana	1007	CT5	8292	374,694	1,137,780	1,168,711	374,125	733,374
Petersburg	Indiana	994	1	692	17,708,186	16,498,818	15,933,258	13,668,793	14,831,995
Petersburg	Indiana	994	2	693	31,749,068	26,939,921	29,183,290	24,268,075	27,674,837
Petersburg	Indiana	994	3	694	31,106,845	45,038,649	41,778,485	37,457,448	40,859,142
Petersburg	Indiana	994	4	695	44,451,698	38,983,599	38,262,884	39,705,029	39,017,173
Portside Energy	Indiana	55096	GT	9950	4,216,029	2,204,783	1,943,933	3,167,804	1,394,502
R Gallagher	Indiana	1008	1	716	6,370,014	6,744,217	6,449,682	3,463,838	5,200,629

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Lawrenceburg Energy Facility	Indiana	55502	1	1,921,857	1,326,412,000	0.001449	276,861	156,278
Lawrenceburg Energy Facility	Indiana	55502	2	1,952,013	1,326,412,000	0.001472	276,861	156,278
Lawrenceburg Energy Facility	Indiana	55502	3	1,990,133	1,326,412,000	0.001500	276,861	156,278
Lawrenceburg Energy Facility	Indiana	55502	4	2,108,371	1,326,412,000	0.001590	276,861	156,278
Merom	Indiana	6213	1SG1	38,089,260	1,326,412,000	0.028716	276,861	156,278
Merom	Indiana	6213	2SG1	37,630,329	1,326,412,000	0.028370	276,861	156,278
Michigan City Generating Station	Indiana	997	12	28,055,936	1,326,412,000	0.021152	276,861	156,278
Michigan City Generating Station	Indiana	997	4		1,326,412,000		276,861	156,278
Michigan City Generating Station	Indiana	997	5		1,326,412,000		276,861	156,278
Michigan City Generating Station	Indiana	997	6		1,326,412,000		276,861	156,278
Montpelier Electric Gen Station	Indiana	55229	G1CT1	96,268	1,326,412,000	0.000073	276,861	156,278
Montpelier Electric Gen Station	Indiana	55229	G1CT2	111,131	1,326,412,000	0.000084	276,861	156,278
Montpelier Electric Gen Station	Indiana	55229	G2CT1	104,230	1,326,412,000	0.000079	276,861	156,278
Montpelier Electric Gen Station	Indiana	55229	G2CT2	102,072	1,326,412,000	0.000077	276,861	156,278
Montpelier Electric Gen Station	Indiana	55229	G3CT1	102,590	1,326,412,000	0.000077	276,861	156,278
Montpelier Electric Gen Station	Indiana	55229	G3CT2	95,276	1,326,412,000	0.000072	276,861	156,278
Montpelier Electric Gen Station	Indiana	55229	G4CT1	95,163	1,326,412,000	0.000072	276,861	156,278
Montpelier Electric Gen Station	Indiana	55229	G4CT2	97,027	1,326,412,000	0.000073	276,861	156,278
Noblesville	Indiana	1007	CT3	892,865	1,326,412,000	0.000673	276,861	156,278
Noblesville	Indiana	1007	CT4	945,762	1,326,412,000	0.000713	276,861	156,278
Noblesville	Indiana	1007	CT5	1,013,289	1,326,412,000	0.000764	276,861	156,278
Petersburg	Indiana	994	1	16,713,420	1,326,412,000	0.012600	276,861	156,278
Petersburg	Indiana	994	2	29,535,732	1,326,412,000	0.022267	276,861	156,278
Petersburg	Indiana	994	3	42,558,759	1,326,412,000	0.032086	276,861	156,278
Petersburg	Indiana	994	4	41,057,967	1,326,412,000	0.030954	276,861	156,278
Portside Energy	Indiana	55096	GT	3,196,205	1,326,412,000	0.002410	276,861	156,278
R Gallagher	Indiana	1008	1	6,521,304	1,326,412,000	0.004916	276,861	156,278

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Lawrenceburg Energy Facility	Indiana	55502	1	106,434	105,171	401	226	154	152
Lawrenceburg Energy Facility	Indiana	55502	2	106,434	105,171	407	230	157	155
Lawrenceburg Energy Facility	Indiana	55502	3	106,434	105,171	415	234	160	158
Lawrenceburg Energy Facility	Indiana	55502	4	106,434	105,171	440	248	169	167
Merom	Indiana	6213	1SG1	106,434	105,171	7,950	4,488	3,056	3,020
Merom	Indiana	6213	2SG1	106,434	105,171	7,855	4,434	3,020	2,984
Michigan City Generating Station	Indiana	997	12	106,434	105,171	5,856	3,306	2,251	2,225
Michigan City Generating Station	Indiana	997	4	106,434	105,171				
Michigan City Generating Station	Indiana	997	5	106,434	105,171				
Michigan City Generating Station	Indiana	997	6	106,434	105,171				
Montpelier Electric Gen Station	Indiana	55229	G1CT1	106,434	105,171	20	11	8	8
Montpelier Electric Gen Station	Indiana	55229	G1CT2	106,434	105,171	23	13	9	9
Montpelier Electric Gen Station	Indiana	55229	G2CT1	106,434	105,171	22	12	8	8
Montpelier Electric Gen Station	Indiana	55229	G2CT2	106,434	105,171	21	12	8	8
Montpelier Electric Gen Station	Indiana	55229	G3CT1	106,434	105,171	21	12	8	8
Montpelier Electric Gen Station	Indiana	55229	G3CT2	106,434	105,171	20	11	8	8
Montpelier Electric Gen Station	Indiana	55229	G4CT1	106,434	105,171	20	11	8	8
Montpelier Electric Gen Station	Indiana	55229	G4CT2	106,434	105,171	20	11	8	8
Noblesville	Indiana	1007	CT3	106,434	105,171	186	105	72	71
Noblesville	Indiana	1007	CT4	106,434	105,171	197	111	76	75
Noblesville	Indiana	1007	CT5	106,434	105,171	212	119	81	80
Petersburg	Indiana	994	1	106,434	105,171	3,489	1,969	1,341	1,325
Petersburg	Indiana	994	2	106,434	105,171	6,165	3,480	2,370	2,342
Petersburg	Indiana	994	3	106,434	105,171	8,883	5,014	3,415	3,374
Petersburg	Indiana	994	4	106,434	105,171	8,570	4,837	3,295	3,255
Portside Energy	Indiana	55096	GT	106,434	105,171	667	377	256	253
R Gallagher	Indiana	1008	1	106,434	105,171	1,361	768	523	517

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Lawrenceburg Energy Facility	Indiana	55502	1		0	0	0	1	0
Lawrenceburg Energy Facility	Indiana	55502	2		0	0	0	1	0
Lawrenceburg Energy Facility	Indiana	55502	3		0	0	0	1	0
Lawrenceburg Energy Facility	Indiana	55502	4		0	0	0	1	0
Merom	Indiana	6213	1SG1	6,645	6,499	9,778	6,785	6,679	5,649
Merom	Indiana	6213	2SG1	8,045	9,157	11,041	8,061	4,615	6,898
Michigan City Generating Station	Indiana	997	12	8,221	14,877	16,745	15,993	13,492	11,113
Michigan City Generating Station	Indiana	997	4						
Michigan City Generating Station	Indiana	997	5	0	0				
Michigan City Generating Station	Indiana	997	6						
Montpelier Electric Gen Station	Indiana	55229	G1CT1	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT2	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G2CT1	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G2CT2	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G3CT1	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G3CT2	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G4CT1	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G4CT2	0	0	0	0	0	0
Noblesville	Indiana	1007	CT3	0	0	0	0	0	0
Noblesville	Indiana	1007	CT4	0	0	0	0	0	0
Noblesville	Indiana	1007	CT5	0	0	0	0	0	0
Petersburg	Indiana	994	1	1,741	912	546	519	597	493
Petersburg	Indiana	994	2	1,282	1,928	1,424	1,753	1,144	1,140
Petersburg	Indiana	994	3	18,935	17,677	17,832	6,328	4,042	3,787
Petersburg	Indiana	994	4	20,577	18,221	17,850	20,385	16,717	17,011
Portside Energy	Indiana	55096	GT		8	7		4	
R Gallagher	Indiana	1008	1	13,417	14,219	14,834	12,915	12,903	9,867

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Lawrenceburg Energy Facility	Indiana	55502	1	0	1	1			
Lawrenceburg Energy Facility	Indiana	55502	2	0	1	1			
Lawrenceburg Energy Facility	Indiana	55502	3	0	1	1			
Lawrenceburg Energy Facility	Indiana	55502	4	0	1	1			
Merom	Indiana	6213	1SG1	7,077	6,271	9,778			
Merom	Indiana	6213	2SG1	7,552	5,669	11,041			
Michigan City Generating Station	Indiana	997	12	9,430	9,730	16,745			
Michigan City Generating Station	Indiana	997	4			0			
Michigan City Generating Station	Indiana	997	5			0			
Michigan City Generating Station	Indiana	997	6			0			
Montpelier Electric Gen Station	Indiana	55229	G1CT1	0	0	0			
Montpelier Electric Gen Station	Indiana	55229	G1CT2	0	0	0			
Montpelier Electric Gen Station	Indiana	55229	G2CT1	0	0	0			
Montpelier Electric Gen Station	Indiana	55229	G2CT2	0	0	0			
Montpelier Electric Gen Station	Indiana	55229	G3CT1	0	0	0			
Montpelier Electric Gen Station	Indiana	55229	G3CT2	0	0	0			
Montpelier Electric Gen Station	Indiana	55229	G4CT1	0	0	0			
Montpelier Electric Gen Station	Indiana	55229	G4CT2	0	0	0			
Noblesville	Indiana	1007	CT3	0	0	0			
Noblesville	Indiana	1007	CT4	0	0	0			
Noblesville	Indiana	1007	CT5	0	0	0			
Petersburg	Indiana	994	1	14,442	4,094	14,442			
Petersburg	Indiana	994	2	1,548	2,358	2,358			
Petersburg	Indiana	994	3	5,324	5,397	18,935			
Petersburg	Indiana	994	4	18,815	17,997	20,577			
Portside Energy	Indiana	55096	GT			8			
R Gallagher	Indiana	1008	1	5,453	5,545	14,834		0	0

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Lawrenceburg Energy Facility	Indiana	55502	1					1	6
Lawrenceburg Energy Facility	Indiana	55502	2					0	6
Lawrenceburg Energy Facility	Indiana	55502	3					2	8
Lawrenceburg Energy Facility	Indiana	55502	4					1	8
Merom	Indiana	6213	1SG1				6,220	4,111	5,096
Merom	Indiana	6213	2SG1				6,761	5,670	4,948
Michigan City Generating Station	Indiana	997	12				7,799	6,992	5,069
Michigan City Generating Station	Indiana	997	4						
Michigan City Generating Station	Indiana	997	5				1	0	
Michigan City Generating Station	Indiana	997	6						
Montpelier Electric Gen Station	Indiana	55229	G1CT1				2	1	4
Montpelier Electric Gen Station	Indiana	55229	G1CT2				2	1	3
Montpelier Electric Gen Station	Indiana	55229	G2CT1				2	1	4
Montpelier Electric Gen Station	Indiana	55229	G2CT2				2	1	4
Montpelier Electric Gen Station	Indiana	55229	G3CT1				2	1	4
Montpelier Electric Gen Station	Indiana	55229	G3CT2				2	1	4
Montpelier Electric Gen Station	Indiana	55229	G4CT1				2	1	3
Montpelier Electric Gen Station	Indiana	55229	G4CT2				2	1	4
Noblesville	Indiana	1007	CT3				134	8	7
Noblesville	Indiana	1007	CT4				144	6	11
Noblesville	Indiana	1007	CT5				202	8	10
Petersburg	Indiana	994	1				2,852	2,476	2,356
Petersburg	Indiana	994	2				3,829	3,435	3,175
Petersburg	Indiana	994	3				6,839	4,286	4,519
Petersburg	Indiana	994	4				4,748	4,661	5,472
Portside Energy	Indiana	55096	GT				22	200	189
R Gallagher	Indiana	1008	1	0	0	0	1,558	1,440	1,393

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Lawrenceburg Energy Facility	Indiana	55502	1	9	18	14	10	17	18
Lawrenceburg Energy Facility	Indiana	55502	2	8	14	10	9	16	16
Lawrenceburg Energy Facility	Indiana	55502	3	7	15	12	10	21	21
Lawrenceburg Energy Facility	Indiana	55502	4	7	14	12	7	19	19
Merom	Indiana	6213	1SG1	3,425	3,954	3,257	1,939	2,177	6,220
Merom	Indiana	6213	2SG1	4,383	3,321	3,899	2,282	1,839	6,761
Michigan City Generating Station	Indiana	997	12	6,232	5,389	3,877	1,096	1,160	7,799
Michigan City Generating Station	Indiana	997	4						0
Michigan City Generating Station	Indiana	997	5						1
Michigan City Generating Station	Indiana	997	6						0
Montpelier Electric Gen Station	Indiana	55229	G1CT1	3	4	3	2	6	6
Montpelier Electric Gen Station	Indiana	55229	G1CT2	3	4	4	3	7	7
Montpelier Electric Gen Station	Indiana	55229	G2CT1	3	5	4	2	6	6
Montpelier Electric Gen Station	Indiana	55229	G2CT2	3	4	4	2	5	5
Montpelier Electric Gen Station	Indiana	55229	G3CT1	3	4	4	2	6	6
Montpelier Electric Gen Station	Indiana	55229	G3CT2	3	4	3	2	5	5
Montpelier Electric Gen Station	Indiana	55229	G4CT1	3	4	4	2	6	6
Montpelier Electric Gen Station	Indiana	55229	G4CT2	2	4	4	2	6	6
Noblesville	Indiana	1007	CT3	3	6	10	3	9	134
Noblesville	Indiana	1007	CT4	4	10	10	3	8	144
Noblesville	Indiana	1007	CT5	3	12	11	4	8	202
Petersburg	Indiana	994	1	2,196	2,244	2,272	1,630	1,620	2,852
Petersburg	Indiana	994	2	3,518	3,486	3,495	1,159	2,795	3,829
Petersburg	Indiana	994	3	4,638	5,852	4,855	2,263	2,011	6,839
Petersburg	Indiana	994	4	6,061	4,948	5,177	4,606	4,780	6,061
Portside Energy	Indiana	55096	GT	19	101	28	25	26	200
R Gallagher	Indiana	1008	1	1,104	1,167	1,250	629	943	1,558

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Lawrenceburg Energy Facility	Indiana	55502	1						
Lawrenceburg Energy Facility	Indiana	55502	2						
Lawrenceburg Energy Facility	Indiana	55502	3						
Lawrenceburg Energy Facility	Indiana	55502	4						
Merom	Indiana	6213	1SG1	2,384	2,192	2,192	1,950	1,950	1,950
Merom	Indiana	6213	2SG1	2,357	2,165	2,165	1,926	1,926	1,926
Michigan City Generating Station	Indiana	997	12		2,112	2,068	1,977	1,977	1,977
Michigan City Generating Station	Indiana	997	4		0	0	0	0	0
Michigan City Generating Station	Indiana	997	5		0	0	0	0	0
Michigan City Generating Station	Indiana	997	6		0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT1						
Montpelier Electric Gen Station	Indiana	55229	G1CT2						
Montpelier Electric Gen Station	Indiana	55229	G2CT1						
Montpelier Electric Gen Station	Indiana	55229	G2CT2						
Montpelier Electric Gen Station	Indiana	55229	G3CT1						
Montpelier Electric Gen Station	Indiana	55229	G3CT2						
Montpelier Electric Gen Station	Indiana	55229	G4CT1						
Montpelier Electric Gen Station	Indiana	55229	G4CT2						
Noblesville	Indiana	1007	CT3						
Noblesville	Indiana	1007	CT4						
Noblesville	Indiana	1007	CT5						
Petersburg	Indiana	994	1						
Petersburg	Indiana	994	2						
Petersburg	Indiana	994	3						
Petersburg	Indiana	994	4						
Portside Energy	Indiana	55096	GT						
R Gallagher	Indiana	1008	1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Lawrenceburg Energy Facility	Indiana	55502	1		1	1	1
Lawrenceburg Energy Facility	Indiana	55502	2		1	1	1
Lawrenceburg Energy Facility	Indiana	55502	3		1	1	1
Lawrenceburg Energy Facility	Indiana	55502	4		1	1	1
Merom	Indiana	6213	1SG1		8,582	4,743	4,743
Merom	Indiana	6213	2SG1		8,479	4,686	4,686
Michigan City Generating Station	Indiana	997	12		6,321	3,494	3,494
Michigan City Generating Station	Indiana	997	4		0	0	0
Michigan City Generating Station	Indiana	997	5		0	0	0
Michigan City Generating Station	Indiana	997	6		0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT1		0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT2		0	0	0
Montpelier Electric Gen Station	Indiana	55229	G2CT1		0	0	0
Montpelier Electric Gen Station	Indiana	55229	G2CT2		0	0	0
Montpelier Electric Gen Station	Indiana	55229	G3CT1		0	0	0
Montpelier Electric Gen Station	Indiana	55229	G3CT2		0	0	0
Montpelier Electric Gen Station	Indiana	55229	G4CT1		0	0	0
Montpelier Electric Gen Station	Indiana	55229	G4CT2		0	0	0
Noblesville	Indiana	1007	CT3		0	0	0
Noblesville	Indiana	1007	CT4		0	0	0
Noblesville	Indiana	1007	CT5		0	0	0
Petersburg	Indiana	994	1		3,766	2,081	2,081
Petersburg	Indiana	994	2		2,358	2,358	2,358
Petersburg	Indiana	994	3		9,589	5,300	5,300
Petersburg	Indiana	994	4		9,251	5,113	5,113
Portside Energy	Indiana	55096	GT		8	8	8
R Gallagher	Indiana	1008	1		0	0	0

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Lawrenceburg Energy Facility	Indiana	55502	1	1	1	18	18
Lawrenceburg Energy Facility	Indiana	55502	2	1	1	16	16
Lawrenceburg Energy Facility	Indiana	55502	3	1	1	21	21
Lawrenceburg Energy Facility	Indiana	55502	4	1	1	19	19
Merom	Indiana	6213	1SG1	4,743	4,743	2,384	2,192
Merom	Indiana	6213	2SG1	4,686	4,686	2,357	2,165
Michigan City Generating Station	Indiana	997	12	3,494	3,494	2,358	2,112
Michigan City Generating Station	Indiana	997	4	0	0	0	0
Michigan City Generating Station	Indiana	997	5	0	0	0	0
Michigan City Generating Station	Indiana	997	6	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT1	0	0	6	6
Montpelier Electric Gen Station	Indiana	55229	G1CT2	0	0	7	7
Montpelier Electric Gen Station	Indiana	55229	G2CT1	0	0	6	6
Montpelier Electric Gen Station	Indiana	55229	G2CT2	0	0	5	5
Montpelier Electric Gen Station	Indiana	55229	G3CT1	0	0	6	6
Montpelier Electric Gen Station	Indiana	55229	G3CT2	0	0	5	5
Montpelier Electric Gen Station	Indiana	55229	G4CT1	0	0	6	6
Montpelier Electric Gen Station	Indiana	55229	G4CT2	0	0	6	6
Noblesville	Indiana	1007	CT3	0	0	75	77
Noblesville	Indiana	1007	CT4	0	0	79	81
Noblesville	Indiana	1007	CT5	0	0	85	87
Petersburg	Indiana	994	1	2,081	2,081	1,405	1,439
Petersburg	Indiana	994	2	2,358	2,358	2,482	2,543
Petersburg	Indiana	994	3	5,300	5,300	3,576	3,665
Petersburg	Indiana	994	4	5,113	5,113	3,450	3,535
Portside Energy	Indiana	55096	GT	8	8	200	200
R Gallagher	Indiana	1008	1	0	0	548	562

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Lawrenceburg Energy Facility	Indiana	55502	1	18	18	18	18
Lawrenceburg Energy Facility	Indiana	55502	2	16	16	16	16
Lawrenceburg Energy Facility	Indiana	55502	3	21	21	21	21
Lawrenceburg Energy Facility	Indiana	55502	4	19	19	19	19
Merom	Indiana	6213	1SG1	2,192	1,950	1,950	1,950
Merom	Indiana	6213	2SG1	2,165	1,926	1,926	1,926
Michigan City Generating Station	Indiana	997	12	2,068	1,977	1,977	1,977
Michigan City Generating Station	Indiana	997	4	0	0	0	0
Michigan City Generating Station	Indiana	997	5	0	0	0	0
Michigan City Generating Station	Indiana	997	6	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT1	6	6	6	6
Montpelier Electric Gen Station	Indiana	55229	G1CT2	7	7	7	7
Montpelier Electric Gen Station	Indiana	55229	G2CT1	6	6	6	6
Montpelier Electric Gen Station	Indiana	55229	G2CT2	5	5	5	5
Montpelier Electric Gen Station	Indiana	55229	G3CT1	6	6	6	6
Montpelier Electric Gen Station	Indiana	55229	G3CT2	5	5	5	5
Montpelier Electric Gen Station	Indiana	55229	G4CT1	6	6	6	6
Montpelier Electric Gen Station	Indiana	55229	G4CT2	6	6	6	6
Noblesville	Indiana	1007	CT3	76	77	77	77
Noblesville	Indiana	1007	CT4	81	82	82	82
Noblesville	Indiana	1007	CT5	86	87	87	87
Petersburg	Indiana	994	1	1,423	1,443	1,443	1,443
Petersburg	Indiana	994	2	2,514	2,550	2,550	2,550
Petersburg	Indiana	994	3	3,623	3,674	3,674	3,674
Petersburg	Indiana	994	4	3,495	3,544	3,544	3,544
Portside Energy	Indiana	55096	GT	200	200	200	200
R Gallagher	Indiana	1008	1	555	563	563	563

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Lawrenceburg Energy Facility	Indiana	55502	1	923,848	1,456,625	1,073,682	812,913	1,684,927	1,405,078
Lawrenceburg Energy Facility	Indiana	55502	2	1,021,716	1,412,481	1,003,629	970,944	1,780,319	1,404,839
Lawrenceburg Energy Facility	Indiana	55502	3	791,520	1,364,973	919,313	872,633	1,973,188	1,419,158
Lawrenceburg Energy Facility	Indiana	55502	4	835,389	1,426,271	920,629	721,731	2,179,245	1,508,715
Merom	Indiana	6213	1SG1	11,791,501	15,579,698	13,860,107	15,848,158	11,643,442	15,095,987
Merom	Indiana	6213	2SG1	16,002,867	15,271,469	15,550,163	15,329,551	15,810,167	15,787,732
Michigan City Generating Station	Indiana	997	12	14,359,090	12,129,718	13,653,280	12,327,041	12,416,848	13,476,406
Michigan City Generating Station	Indiana	997	4						
Michigan City Generating Station	Indiana	997	5						
Michigan City Generating Station	Indiana	997	6						
Montpelier Electric Gen Station	Indiana	55229	G1CT1	41,889	65,814	37,283	18,836	100,337	69,347
Montpelier Electric Gen Station	Indiana	55229	G1CT2	40,843	67,459	37,979	21,990	127,134	78,479
Montpelier Electric Gen Station	Indiana	55229	G2CT1	42,680	74,111	55,562	18,518	96,921	75,531
Montpelier Electric Gen Station	Indiana	55229	G2CT2	41,751	65,371	53,737	18,378	100,410	73,172
Montpelier Electric Gen Station	Indiana	55229	G3CT1	38,800	66,430	48,580	18,037	97,038	70,683
Montpelier Electric Gen Station	Indiana	55229	G3CT2	38,879	63,227	35,890	17,649	93,618	65,241
Montpelier Electric Gen Station	Indiana	55229	G4CT1	39,528	63,641	34,568	16,412	93,768	65,646
Montpelier Electric Gen Station	Indiana	55229	G4CT2	45,653	66,153	38,524	15,407	91,303	67,703
Noblesville	Indiana	1007	CT3	406,493	541,983	444,962	136,646	497,488	494,811
Noblesville	Indiana	1007	CT4	397,862	610,791	443,596	141,508	458,079	504,156
Noblesville	Indiana	1007	CT5	298,029	676,767	486,643	129,561	577,058	580,156
Petersburg	Indiana	994	1	8,189,832	7,149,879	6,439,943	4,429,855	5,713,136	7,259,885
Petersburg	Indiana	994	2	14,637,041	10,954,992	12,038,222	10,422,788	12,905,658	13,193,640
Petersburg	Indiana	994	3	11,163,875	18,757,275	17,128,704	16,069,189	16,972,663	17,619,547
Petersburg	Indiana	994	4	18,263,763	17,313,879	16,511,628	17,248,334	16,300,246	17,608,659
Portside Energy	Indiana	55096	GT	1,101,453	391,289	387,910	1,353,712	1,394,502	1,283,222
R Gallagher	Indiana	1008	1	2,474,656	3,402,802	3,041,955	1,756,317	2,391,245	2,973,138

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Lawrenceburg Energy Facility	Indiana	55502	1	574,501,876	0.002446	45,470	44,790	111	110
Lawrenceburg Energy Facility	Indiana	55502	2	574,501,876	0.002445	45,470	44,790	111	110
Lawrenceburg Energy Facility	Indiana	55502	3	574,501,876	0.002470	45,470	44,790	112	111
Lawrenceburg Energy Facility	Indiana	55502	4	574,501,876	0.002626	45,470	44,790	119	118
Merom	Indiana	6213	1SG1	574,501,876	0.026277	45,470	44,790	1,195	1,177
Merom	Indiana	6213	2SG1	574,501,876	0.027481	45,470	44,790	1,250	1,231
Michigan City Generating Station	Indiana	997	12	574,501,876	0.023458	45,470	44,790	1,067	1,051
Michigan City Generating Station	Indiana	997	4	574,501,876		45,470	44,790		
Michigan City Generating Station	Indiana	997	5	574,501,876		45,470	44,790		
Michigan City Generating Station	Indiana	997	6	574,501,876		45,470	44,790		
Montpelier Electric Gen Station	Indiana	55229	G1CT1	574,501,876	0.000121	45,470	44,790	5	5
Montpelier Electric Gen Station	Indiana	55229	G1CT2	574,501,876	0.000137	45,470	44,790	6	6
Montpelier Electric Gen Station	Indiana	55229	G2CT1	574,501,876	0.000131	45,470	44,790	6	6
Montpelier Electric Gen Station	Indiana	55229	G2CT2	574,501,876	0.000127	45,470	44,790	6	6
Montpelier Electric Gen Station	Indiana	55229	G3CT1	574,501,876	0.000123	45,470	44,790	6	6
Montpelier Electric Gen Station	Indiana	55229	G3CT2	574,501,876	0.000114	45,470	44,790	5	5
Montpelier Electric Gen Station	Indiana	55229	G4CT1	574,501,876	0.000114	45,470	44,790	5	5
Montpelier Electric Gen Station	Indiana	55229	G4CT2	574,501,876	0.000118	45,470	44,790	5	5
Noblesville	Indiana	1007	CT3	574,501,876	0.000861	45,470	44,790	39	39
Noblesville	Indiana	1007	CT4	574,501,876	0.000878	45,470	44,790	40	39
Noblesville	Indiana	1007	CT5	574,501,876	0.001010	45,470	44,790	46	45
Petersburg	Indiana	994	1	574,501,876	0.012637	45,470	44,790	575	566
Petersburg	Indiana	994	2	574,501,876	0.022965	45,470	44,790	1,044	1,029
Petersburg	Indiana	994	3	574,501,876	0.030669	45,470	44,790	1,395	1,374
Petersburg	Indiana	994	4	574,501,876	0.030650	45,470	44,790	1,394	1,373
Portside Energy	Indiana	55096	GT	574,501,876	0.002234	45,470	44,790	102	100
R Gallagher	Indiana	1008	1	574,501,876	0.005175	45,470	44,790	235	232

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Lawrenceburg Energy Facility	Indiana	55502	1		0	5	8	13	11
Lawrenceburg Energy Facility	Indiana	55502	2		0	4	8	10	8
Lawrenceburg Energy Facility	Indiana	55502	3		2	8	7	11	9
Lawrenceburg Energy Facility	Indiana	55502	4		1	7	6	10	8
Merom	Indiana	6213	1SG1	3,013	1,216	809	546	791	939
Merom	Indiana	6213	2SG1	2,388	756	991	842	834	797
Michigan City Generating Station	Indiana	997	12	2,534	829	689	891	660	639
Michigan City Generating Station	Indiana	997	4						
Michigan City Generating Station	Indiana	997	5	1					
Michigan City Generating Station	Indiana	997	6						
Montpelier Electric Gen Station	Indiana	55229	G1CT1	1	0	3	2	3	2
Montpelier Electric Gen Station	Indiana	55229	G1CT2	1	0	3	2	3	2
Montpelier Electric Gen Station	Indiana	55229	G2CT1	1	1	3	2	3	2
Montpelier Electric Gen Station	Indiana	55229	G2CT2	1	1	3	2	3	2
Montpelier Electric Gen Station	Indiana	55229	G3CT1	1	1	3	2	3	2
Montpelier Electric Gen Station	Indiana	55229	G3CT2	1	1	3	2	3	1
Montpelier Electric Gen Station	Indiana	55229	G4CT1	1	1	3	2	3	2
Montpelier Electric Gen Station	Indiana	55229	G4CT2	1	1	3	2	3	2
Noblesville	Indiana	1007	CT3	129	5	4	2	3	4
Noblesville	Indiana	1007	CT4	141	4	6	3	6	4
Noblesville	Indiana	1007	CT5	202	5	6	2	7	5
Petersburg	Indiana	994	1	1,213	1,022	975	1,044	947	905
Petersburg	Indiana	994	2	2,345	280	360	453	687	425
Petersburg	Indiana	994	3	2,235	597	331	596	843	797
Petersburg	Indiana	994	4	1,889	1,848	2,219	2,352	2,151	2,043
Portside Energy	Indiana	55096	GT	22	16	16	19	6	7
R Gallagher	Indiana	1008	1	623	438	490	398	544	593

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Lawrenceburg Energy Facility	Indiana	55502	1	7	12	13			
Lawrenceburg Energy Facility	Indiana	55502	2	7	11	11			
Lawrenceburg Energy Facility	Indiana	55502	3	7	14	14			
Lawrenceburg Energy Facility	Indiana	55502	4	6	13	13			
Merom	Indiana	6213	1SG1	777	642	3,013	2,384	2,192	2,192
Merom	Indiana	6213	2SG1	948	833	2,388	2,357	2,165	2,165
Michigan City Generating Station	Indiana	997	12	585	587	2,534		2,112	2,068
Michigan City Generating Station	Indiana	997	4			0		0	0
Michigan City Generating Station	Indiana	997	5			1		0	0
Michigan City Generating Station	Indiana	997	6			0		0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT1	1	4	4			
Montpelier Electric Gen Station	Indiana	55229	G1CT2	1	5	5			
Montpelier Electric Gen Station	Indiana	55229	G2CT1	1	4	4			
Montpelier Electric Gen Station	Indiana	55229	G2CT2	1	4	4			
Montpelier Electric Gen Station	Indiana	55229	G3CT1	1	4	4			
Montpelier Electric Gen Station	Indiana	55229	G3CT2	1	4	4			
Montpelier Electric Gen Station	Indiana	55229	G4CT1	1	4	4			
Montpelier Electric Gen Station	Indiana	55229	G4CT2	1	4	4			
Noblesville	Indiana	1007	CT3	1	8	129			
Noblesville	Indiana	1007	CT4	1	4	141			
Noblesville	Indiana	1007	CT5	1	5	202			
Petersburg	Indiana	994	1	496	614	1,213			
Petersburg	Indiana	994	2	447	1,694	2,345			
Petersburg	Indiana	994	3	748	735	2,235			
Petersburg	Indiana	994	4	1,953	1,978	2,352			
Portside Energy	Indiana	55096	GT	25	26	26			
R Gallagher	Indiana	1008	1	318	435	623			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Lawrenceburg Energy Facility	Indiana	55502	1				13	13
Lawrenceburg Energy Facility	Indiana	55502	2				11	11
Lawrenceburg Energy Facility	Indiana	55502	3				14	14
Lawrenceburg Energy Facility	Indiana	55502	4				13	13
Merom	Indiana	6213	1SG1	1,950	1,950	1,950	1,232	1,232
Merom	Indiana	6213	2SG1	1,926	1,926	1,926	1,289	1,289
Michigan City Generating Station	Indiana	997	12	1,977	1,977	1,977	1,100	1,100
Michigan City Generating Station	Indiana	997	4	0	0	0	0	0
Michigan City Generating Station	Indiana	997	5	0	0	0	0	0
Michigan City Generating Station	Indiana	997	6	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT1				4	4
Montpelier Electric Gen Station	Indiana	55229	G1CT2				5	5
Montpelier Electric Gen Station	Indiana	55229	G2CT1				4	4
Montpelier Electric Gen Station	Indiana	55229	G2CT2				4	4
Montpelier Electric Gen Station	Indiana	55229	G3CT1				4	4
Montpelier Electric Gen Station	Indiana	55229	G3CT2				4	4
Montpelier Electric Gen Station	Indiana	55229	G4CT1				4	4
Montpelier Electric Gen Station	Indiana	55229	G4CT2				4	4
Noblesville	Indiana	1007	CT3				40	40
Noblesville	Indiana	1007	CT4				41	41
Noblesville	Indiana	1007	CT5				47	47
Petersburg	Indiana	994	1				593	593
Petersburg	Indiana	994	2				1,077	1,077
Petersburg	Indiana	994	3				1,438	1,438
Petersburg	Indiana	994	4				1,438	1,438
Portside Energy	Indiana	55096	GT				26	26
R Gallagher	Indiana	1008	1				243	243

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Lawrenceburg Energy Facility	Indiana	55502	1	13	13	13	13	Y
Lawrenceburg Energy Facility	Indiana	55502	2	11	11	11	11	Y
Lawrenceburg Energy Facility	Indiana	55502	3	14	14	14	14	Y
Lawrenceburg Energy Facility	Indiana	55502	4	13	13	13	13	Y
Merom	Indiana	6213	1SG1	1,214	1,214	1,214	1,214	Y
Merom	Indiana	6213	2SG1	1,269	1,269	1,269	1,269	Y
Michigan City Generating Station	Indiana	997	12	1,084	1,084	1,084	1,084	Y
Michigan City Generating Station	Indiana	997	4	0	0	0	0	Y
Michigan City Generating Station	Indiana	997	5	0	0	0	0	Y
Michigan City Generating Station	Indiana	997	6	0	0	0	0	Y
Montpelier Electric Gen Station	Indiana	55229	G1CT1	4	4	4	4	Y
Montpelier Electric Gen Station	Indiana	55229	G1CT2	5	5	5	5	Y
Montpelier Electric Gen Station	Indiana	55229	G2CT1	4	4	4	4	Y
Montpelier Electric Gen Station	Indiana	55229	G2CT2	4	4	4	4	Y
Montpelier Electric Gen Station	Indiana	55229	G3CT1	4	4	4	4	Y
Montpelier Electric Gen Station	Indiana	55229	G3CT2	4	4	4	4	Y
Montpelier Electric Gen Station	Indiana	55229	G4CT1	4	4	4	4	Y
Montpelier Electric Gen Station	Indiana	55229	G4CT2	4	4	4	4	Y
Noblesville	Indiana	1007	CT3	40	40	40	40	Y
Noblesville	Indiana	1007	CT4	41	41	41	41	Y
Noblesville	Indiana	1007	CT5	47	47	47	47	Y
Petersburg	Indiana	994	1	584	584	584	584	Y
Petersburg	Indiana	994	2	1,061	1,061	1,061	1,061	Y
Petersburg	Indiana	994	3	1,417	1,417	1,417	1,417	Y
Petersburg	Indiana	994	4	1,416	1,416	1,416	1,416	Y
Portside Energy	Indiana	55096	GT	26	26	26	26	Y
R Gallagher	Indiana	1008	1	239	239	239	239	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Lawrenceburg Energy Facility	Indiana	55502	1	Y		Y		
Lawrenceburg Energy Facility	Indiana	55502	2	Y		Y		
Lawrenceburg Energy Facility	Indiana	55502	3	Y		Y		
Lawrenceburg Energy Facility	Indiana	55502	4	Y		Y		
Merom	Indiana	6213	1SG1	Y		Y		
Merom	Indiana	6213	2SG1	Y		Y		
Michigan City Generating Station	Indiana	997	12	Y		Y		
Michigan City Generating Station	Indiana	997	4	Y		Y		
Michigan City Generating Station	Indiana	997	5	Y		Y		
Michigan City Generating Station	Indiana	997	6	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G1CT1	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G1CT2	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G2CT1	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G2CT2	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G3CT1	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G3CT2	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G4CT1	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G4CT2	Y		Y		
Noblesville	Indiana	1007	CT3	Y		Y		
Noblesville	Indiana	1007	CT4	Y		Y		
Noblesville	Indiana	1007	CT5	Y		Y		
Petersburg	Indiana	994	1	Y		Y		
Petersburg	Indiana	994	2	Y		Y		
Petersburg	Indiana	994	3	Y		Y		
Petersburg	Indiana	994	4	Y		Y		
Portside Energy	Indiana	55096	GT	Y		Y	Y	Y
R Gallagher	Indiana	1008	1	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
R Gallagher	Indiana	1008	2	717	6,084,497	7,199,375	8,222,683	5,509,921	6,656,589
R Gallagher	Indiana	1008	3	718	6,794,400	8,262,062	5,621,334	4,635,930	4,239,470
R Gallagher	Indiana	1008	4	719	6,226,224	8,793,010	5,934,792	3,912,343	6,117,993
R M Schahfer Generating Station	Indiana	6085	14	2762	30,851,369	26,510,130	30,093,217	27,104,480	29,300,551
R M Schahfer Generating Station	Indiana	6085	15	2763	28,979,732	35,621,018	34,073,148	26,031,104	36,760,430
R M Schahfer Generating Station	Indiana	6085	16A	9095	80,613	22,047	65,293	39,256	101,815
R M Schahfer Generating Station	Indiana	6085	16B	9096	76,944	47,536	203,041	36,530	99,154
R M Schahfer Generating Station	Indiana	6085	17	2764	27,550,664	29,373,394	23,979,349	27,783,636	21,036,217
R M Schahfer Generating Station	Indiana	6085	18	2765	28,119,763	28,274,172	30,341,950	22,947,422	27,324,204
Richmond (IN)	Indiana	7335	RCT1	3097	16,466	15,249	21,470	3,914	17,361
Richmond (IN)	Indiana	7335	RCT2	3098	17,054	15,979	21,136	3,455	15,464
Rockport	Indiana	6166	MB1	2819	97,703,173	71,082,004	93,920,203	95,168,981	91,201,429
Rockport	Indiana	6166	MB2	2820	98,998,017	79,882,615	86,828,913	77,284,855	82,525,234
State Line Generating Station (IN)	Indiana	981	3	656	12,028,101	12,546,067	14,919,596	11,322,673	13,218,168
State Line Generating Station (IN)	Indiana	981	4	657	17,723,168	20,884,781	23,653,904	16,318,719	20,018,045
Sugar Creek Generating Station	Indiana	55364	CT11	4555	912,498	1,102,748	683,555	2,742,905	5,869,318
Sugar Creek Generating Station	Indiana	55364	CT12	4556	921,366	1,090,237	632,696	2,709,185	5,886,738
Tanners Creek	Indiana	988	U1	665	9,485,221	9,973,188	7,213,793	804,299	3,378,460
Tanners Creek	Indiana	988	U2	666	9,380,165	8,424,696	8,055,605	2,917,302	2,843,183
Tanners Creek	Indiana	988	U3	667	12,339,641	13,068,121	10,067,635	6,331,430	4,730,264
Tanners Creek	Indiana	988	U4	668	23,816,248	27,264,141	19,526,665	16,976,410	27,302,866
Wabash River Gen Station	Indiana	1010	1	720	9,224,471	10,079,608	8,449,013	8,572,399	8,260,510
Wabash River Gen Station	Indiana	1010	2	721	5,093,836	6,003,771	6,403,909	2,128,100	
Wabash River Gen Station	Indiana	1010	3	722	5,525,682	5,284,375	6,123,258	1,717,032	
Wabash River Gen Station	Indiana	1010	4	723	5,980,388	5,978,372	6,165,959	6,033,297	7,362,632
Wabash River Gen Station	Indiana	1010	5	724	6,216,947	4,930,626	6,794,708	1,491,660	
Wabash River Gen Station	Indiana	1010	6	725	21,029,025	20,617,191	21,467,939	21,627,504	23,472,160

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
R Gallagher	Indiana	1008	2	7,359,549	1,326,412,000	0.005548	276,861	156,278
R Gallagher	Indiana	1008	3	6,892,599	1,326,412,000	0.005196	276,861	156,278
R Gallagher	Indiana	1008	4	7,045,742	1,326,412,000	0.005312	276,861	156,278
R M Schahfer Generating Station	Indiana	6085	14	30,081,712	1,326,412,000	0.022679	276,861	156,278
R M Schahfer Generating Station	Indiana	6085	15	35,484,866	1,326,412,000	0.026753	276,861	156,278
R M Schahfer Generating Station	Indiana	6085	16A	82,573	1,326,412,000	0.000062	276,861	156,278
R M Schahfer Generating Station	Indiana	6085	16B	126,380	1,326,412,000	0.000095	276,861	156,278
R M Schahfer Generating Station	Indiana	6085	17	28,235,898	1,326,412,000	0.021287	276,861	156,278
R M Schahfer Generating Station	Indiana	6085	18	28,911,962	1,326,412,000	0.021797	276,861	156,278
Richmond (IN)	Indiana	7335	RCT1	18,432	1,326,412,000	0.000014	276,861	156,278
Richmond (IN)	Indiana	7335	RCT2	18,056	1,326,412,000	0.000014	276,861	156,278
Rockport	Indiana	6166	MB1	95,597,452	1,326,412,000	0.072072	276,861	156,278
Rockport	Indiana	6166	MB2	89,450,721	1,326,412,000	0.067438	276,861	156,278
State Line Generating Station (IN)	Indiana	981	3	13,561,277	1,326,412,000	0.010224	276,861	156,278
State Line Generating Station (IN)	Indiana	981	4	21,518,910	1,326,412,000	0.016223	276,861	156,278
Sugar Creek Generating Station	Indiana	55364	CT11	3,238,324	1,326,412,000	0.002441	276,861	156,278
Sugar Creek Generating Station	Indiana	55364	CT12	3,228,720	1,326,412,000	0.002434	276,861	156,278
Tanners Creek	Indiana	988	U1	8,890,734	1,326,412,000	0.006703	276,861	156,278
Tanners Creek	Indiana	988	U2	8,620,155	1,326,412,000	0.006499	276,861	156,278
Tanners Creek	Indiana	988	U3	11,825,132	1,326,412,000	0.008915	276,861	156,278
Tanners Creek	Indiana	988	U4	26,127,752	1,326,412,000	0.019698	276,861	156,278
Wabash River Gen Station	Indiana	1010	1	9,292,160	1,326,412,000	0.007005	276,861	156,278
Wabash River Gen Station	Indiana	1010	2	5,833,838	1,326,412,000	0.004398	276,861	156,278
Wabash River Gen Station	Indiana	1010	3	5,644,438	1,326,412,000	0.004255	276,861	156,278
Wabash River Gen Station	Indiana	1010	4	6,520,629	1,326,412,000	0.004916	276,861	156,278
Wabash River Gen Station	Indiana	1010	5	5,980,760	1,326,412,000	0.004509	276,861	156,278
Wabash River Gen Station	Indiana	1010	6	22,189,201	1,326,412,000	0.016729	276,861	156,278

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
R Gallagher	Indiana	1008	2	106,434	105,171	1,536	867	591	584
R Gallagher	Indiana	1008	3	106,434	105,171	1,439	812	553	547
R Gallagher	Indiana	1008	4	106,434	105,171	1,471	830	565	559
R M Schahfer Generating Station	Indiana	6085	14	106,434	105,171	6,279	3,544	2,414	2,385
R M Schahfer Generating Station	Indiana	6085	15	106,434	105,171	7,407	4,181	2,847	2,814
R M Schahfer Generating Station	Indiana	6085	16A	106,434	105,171	17	10	7	7
R M Schahfer Generating Station	Indiana	6085	16B	106,434	105,171	26	15	10	10
R M Schahfer Generating Station	Indiana	6085	17	106,434	105,171	5,894	3,327	2,266	2,239
R M Schahfer Generating Station	Indiana	6085	18	106,434	105,171	6,035	3,406	2,320	2,292
Richmond (IN)	Indiana	7335	RCT1	106,434	105,171	4	2	1	1
Richmond (IN)	Indiana	7335	RCT2	106,434	105,171	4	2	1	1
Rockport	Indiana	6166	MB1	106,434	105,171	19,954	11,263	7,671	7,580
Rockport	Indiana	6166	MB2	106,434	105,171	18,671	10,539	7,178	7,093
State Line Generating Station (IN)	Indiana	981	3	106,434	105,171	2,831	1,598	1,088	1,075
State Line Generating Station (IN)	Indiana	981	4	106,434	105,171	4,492	2,535	1,727	1,706
Sugar Creek Generating Station	Indiana	55364	CT11	106,434	105,171	676	382	260	257
Sugar Creek Generating Station	Indiana	55364	CT12	106,434	105,171	674	380	259	256
Tanners Creek	Indiana	988	U1	106,434	105,171	1,856	1,048	713	705
Tanners Creek	Indiana	988	U2	106,434	105,171	1,799	1,016	692	683
Tanners Creek	Indiana	988	U3	106,434	105,171	2,468	1,393	949	938
Tanners Creek	Indiana	988	U4	106,434	105,171	5,454	3,078	2,097	2,072
Wabash River Gen Station	Indiana	1010	1	106,434	105,171	1,940	1,095	746	737
Wabash River Gen Station	Indiana	1010	2	106,434	105,171	1,218	687	468	463
Wabash River Gen Station	Indiana	1010	3	106,434	105,171	1,178	665	453	448
Wabash River Gen Station	Indiana	1010	4	106,434	105,171	1,361	768	523	517
Wabash River Gen Station	Indiana	1010	5	106,434	105,171	1,248	705	480	474
Wabash River Gen Station	Indiana	1010	6	106,434	105,171	4,632	2,614	1,781	1,759

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
R Gallagher	Indiana	1008	2	12,613	16,345	15,158	12,453	13,717	12,159
R Gallagher	Indiana	1008	3	13,835	16,142	12,301	13,321	16,237	8,868
R Gallagher	Indiana	1008	4	13,476	15,948	14,374	12,130	17,135	9,539
R M Schahfer Generating Station	Indiana	6085	14	10,195	9,552	12,804	12,317	11,565	13,959
R M Schahfer Generating Station	Indiana	6085	15	11,712	10,341	10,511	9,327	12,815	11,389
R M Schahfer Generating Station	Indiana	6085	16A						
R M Schahfer Generating Station	Indiana	6085	16B						
R M Schahfer Generating Station	Indiana	6085	17	6,868	7,034	8,902	7,080	7,805	5,884
R M Schahfer Generating Station	Indiana	6085	18	6,527	5,297	8,118	7,184	7,618	7,528
Richmond (IN)	Indiana	7335	RCT1	1	0	0	0	0	0
Richmond (IN)	Indiana	7335	RCT2	0	0	0	0	0	0
Rockport	Indiana	6166	MB1	24,769	25,399	31,947	41,396	23,093	31,210
Rockport	Indiana	6166	MB2	28,792	19,227	35,259	42,147	25,740	28,841
State Line Generating Station (IN)	Indiana	981	3	3,435	3,876	3,572	3,308	3,743	4,748
State Line Generating Station (IN)	Indiana	981	4	4,576	5,826	4,377	4,040	5,590	6,877
Sugar Creek Generating Station	Indiana	55364	CT11	0	0	1	0	0	0
Sugar Creek Generating Station	Indiana	55364	CT12	0	0	1	0	0	0
Tanners Creek	Indiana	988	U1	4,571	3,632	4,105	4,827	5,346	3,731
Tanners Creek	Indiana	988	U2	4,888	4,581	4,286	4,752	4,443	4,158
Tanners Creek	Indiana	988	U3	6,881	5,845	5,093	6,328	7,064	5,193
Tanners Creek	Indiana	988	U4	36,835	50,330	33,049	19,587	16,976	12,647
Wabash River Gen Station	Indiana	1010	1	1,112	147	380	435	388	414
Wabash River Gen Station	Indiana	1010	2	8,639	7,942	8,179	6,826	8,587	10,418
Wabash River Gen Station	Indiana	1010	3	8,644	8,246	8,252	7,384	7,527	9,922
Wabash River Gen Station	Indiana	1010	4	7,111	8,833	8,864	7,965	8,541	10,021
Wabash River Gen Station	Indiana	1010	5	9,429	9,437	9,387	8,302	6,892	10,977
Wabash River Gen Station	Indiana	1010	6	29,671	29,826	31,713	27,882	28,922	34,484

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
R Gallagher	Indiana	1008	2	8,652	6,559	16,345				
R Gallagher	Indiana	1008	3	6,831	4,419	16,237		0	0	
R Gallagher	Indiana	1008	4	5,967	6,566	17,135				
R M Schahfer Generating Station	Indiana	6085	14	12,225	11,951	13,959				
R M Schahfer Generating Station	Indiana	6085	15	7,234	9,753	12,815				
R M Schahfer Generating Station	Indiana	6085	16A	0	0	0				
R M Schahfer Generating Station	Indiana	6085	16B	0	0	0				
R M Schahfer Generating Station	Indiana	6085	17	7,195	2,521	8,902				
R M Schahfer Generating Station	Indiana	6085	18	5,783	2,838	8,118				
Richmond (IN)	Indiana	7335	RCT1	0	0	1				
Richmond (IN)	Indiana	7335	RCT2	0	0	0				
Rockport	Indiana	6166	MB1	30,139	28,722	41,396				
Rockport	Indiana	6166	MB2	24,657	25,520	42,147				
State Line Generating Station (IN)	Indiana	981	3	4,311	4,442	4,748				
State Line Generating Station (IN)	Indiana	981	4	5,465	6,125	6,877				
Sugar Creek Generating Station	Indiana	55364	CT11	1	2	2				
Sugar Creek Generating Station	Indiana	55364	CT12	1	2	2				
Tanners Creek	Indiana	988	U1	440	1,672	5,346				
Tanners Creek	Indiana	988	U2	1,612	1,485	4,888				
Tanners Creek	Indiana	988	U3	3,493	2,414	7,064				
Tanners Creek	Indiana	988	U4	10,898	19,280	50,330				
Wabash River Gen Station	Indiana	1010	1	479	527	1,112				
Wabash River Gen Station	Indiana	1010	2	3,312		10,418				
Wabash River Gen Station	Indiana	1010	3	2,667		9,922				
Wabash River Gen Station	Indiana	1010	4	9,225	10,950	10,950				
Wabash River Gen Station	Indiana	1010	5	2,340		10,977				
Wabash River Gen Station	Indiana	1010	6	33,111	34,733	34,733				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
R Gallagher	Indiana	1008	2				1,458	1,662	1,401
R Gallagher	Indiana	1008	3	0	0	0	1,715	1,606	1,148
R Gallagher	Indiana	1008	4				1,663	1,591	1,363
R M Schahfer Generating Station	Indiana	6085	14				8,540	5,492	7,195
R M Schahfer Generating Station	Indiana	6085	15				4,290	2,995	2,835
R M Schahfer Generating Station	Indiana	6085	16A				2	3	28
R M Schahfer Generating Station	Indiana	6085	16B				2	3	24
R M Schahfer Generating Station	Indiana	6085	17				2,884	2,765	3,315
R M Schahfer Generating Station	Indiana	6085	18				2,542	2,327	3,456
Richmond (IN)	Indiana	7335	RCT1				3	1	1
Richmond (IN)	Indiana	7335	RCT2				2	1	1
Rockport	Indiana	6166	MB1				16,133	10,425	10,019
Rockport	Indiana	6166	MB2				19,241	7,916	11,103
State Line Generating Station (IN)	Indiana	981	3				1,372	1,136	1,189
State Line Generating Station (IN)	Indiana	981	4				6,998	7,212	5,659
Sugar Creek Generating Station	Indiana	55364	CT11				189	14	18
Sugar Creek Generating Station	Indiana	55364	CT12				101	15	40
Tanners Creek	Indiana	988	U1				2,542	1,485	1,397
Tanners Creek	Indiana	988	U2				2,722	1,748	1,443
Tanners Creek	Indiana	988	U3				3,877	2,315	1,781
Tanners Creek	Indiana	988	U4				4,276	7,005	3,341
Wabash River Gen Station	Indiana	1010	1				442	143	245
Wabash River Gen Station	Indiana	1010	2				1,375	1,239	1,088
Wabash River Gen Station	Indiana	1010	3				1,370	1,275	1,101
Wabash River Gen Station	Indiana	1010	4				1,145	1,354	1,175
Wabash River Gen Station	Indiana	1010	5				1,508	1,455	1,242
Wabash River Gen Station	Indiana	1010	6				4,583	4,394	4,150

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
R Gallagher	Indiana	1008	2	1,059	1,238	1,591	991	1,195	1,662
R Gallagher	Indiana	1008	3	1,080	1,439	1,029	802	736	1,715
R Gallagher	Indiana	1008	4	995	1,531	1,072	666	1,049	1,663
R M Schahfer Generating Station	Indiana	6085	14	7,024	5,948	7,181	3,336	1,835	8,540
R M Schahfer Generating Station	Indiana	6085	15	2,765	4,904	4,745	2,168	3,094	4,904
R M Schahfer Generating Station	Indiana	6085	16A	13	4	10	6	15	28
R M Schahfer Generating Station	Indiana	6085	16B	11	7	30	5	14	30
R M Schahfer Generating Station	Indiana	6085	17	2,383	2,460	2,434	2,755	2,051	3,315
R M Schahfer Generating Station	Indiana	6085	18	2,557	2,568	2,963	2,296	2,603	3,456
Richmond (IN)	Indiana	7335	RCT1	1	1	1	0	1	3
Richmond (IN)	Indiana	7335	RCT2	1	1	1	0	1	2
Rockport	Indiana	6166	MB1	14,018	8,900	11,999	10,906	10,804	16,133
Rockport	Indiana	6166	MB2	14,106	10,392	10,961	8,856	9,741	19,241
State Line Generating Station (IN)	Indiana	981	3	1,303	1,381	1,836	1,377	1,857	1,857
State Line Generating Station (IN)	Indiana	981	4	5,985	6,824	7,266	4,614	6,383	7,266
Sugar Creek Generating Station	Indiana	55364	CT11	14	29	9	24	44	189
Sugar Creek Generating Station	Indiana	55364	CT12	8	15	7	22	46	101
Tanners Creek	Indiana	988	U1	1,554	1,660	1,230	118	470	2,542
Tanners Creek	Indiana	988	U2	1,530	1,387	1,367	426	400	2,722
Tanners Creek	Indiana	988	U3	2,034	2,171	1,723	937	666	3,877
Tanners Creek	Indiana	988	U4	2,924	3,521	3,109	2,048	3,140	7,005
Wabash River Gen Station	Indiana	1010	1	325	379	315	307	307	442
Wabash River Gen Station	Indiana	1010	2	965	1,092	1,140	380		1,375
Wabash River Gen Station	Indiana	1010	3	1,055	969	1,093	310		1,370
Wabash River Gen Station	Indiana	1010	4	1,129	1,087	1,103	1,033	1,194	1,354
Wabash River Gen Station	Indiana	1010	5	1,172	911	1,218	277		1,508
Wabash River Gen Station	Indiana	1010	6	3,809	3,669	3,724	3,668	3,599	4,583

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
R Gallagher	Indiana	1008	2						
R Gallagher	Indiana	1008	3						
R Gallagher	Indiana	1008	4						
R M Schahfer Generating Station	Indiana	6085	14		2,266	2,218	2,120	2,120	2,120
R M Schahfer Generating Station	Indiana	6085	15		2,671	2,616	2,501	2,501	2,501
R M Schahfer Generating Station	Indiana	6085	16A						
R M Schahfer Generating Station	Indiana	6085	16B						
R M Schahfer Generating Station	Indiana	6085	17		2,126	2,081	1,989	1,989	1,989
R M Schahfer Generating Station	Indiana	6085	18		2,177	2,131	2,037	2,037	2,037
Richmond (IN)	Indiana	7335	RCT1						
Richmond (IN)	Indiana	7335	RCT2						
Rockport	Indiana	6166	MB1						
Rockport	Indiana	6166	MB2						
State Line Generating Station (IN)	Indiana	981	3						
State Line Generating Station (IN)	Indiana	981	4						
Sugar Creek Generating Station	Indiana	55364	CT11						
Sugar Creek Generating Station	Indiana	55364	CT12						
Tanners Creek	Indiana	988	U1						
Tanners Creek	Indiana	988	U2						
Tanners Creek	Indiana	988	U3						
Tanners Creek	Indiana	988	U4						
Wabash River Gen Station	Indiana	1010	1						
Wabash River Gen Station	Indiana	1010	2						
Wabash River Gen Station	Indiana	1010	3						
Wabash River Gen Station	Indiana	1010	4						
Wabash River Gen Station	Indiana	1010	5						
Wabash River Gen Station	Indiana	1010	6						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
R Gallagher	Indiana	1008	2		1,658	917	917
R Gallagher	Indiana	1008	3		0	0	0
R Gallagher	Indiana	1008	4		1,587	877	877
R M Schahfer Generating Station	Indiana	6085	14		6,778	3,746	3,746
R M Schahfer Generating Station	Indiana	6085	15		7,995	4,419	4,419
R M Schahfer Generating Station	Indiana	6085	16A		0	0	0
R M Schahfer Generating Station	Indiana	6085	16B		0	0	0
R M Schahfer Generating Station	Indiana	6085	17		6,362	3,516	3,516
R M Schahfer Generating Station	Indiana	6085	18		6,514	3,600	3,600
Richmond (IN)	Indiana	7335	RCT1		1	1	1
Richmond (IN)	Indiana	7335	RCT2		0	0	0
Rockport	Indiana	6166	MB1		21,539	11,905	11,905
Rockport	Indiana	6166	MB2		20,154	11,140	11,140
State Line Generating Station (IN)	Indiana	981	3		3,056	1,689	1,689
State Line Generating Station (IN)	Indiana	981	4		4,848	2,680	2,680
Sugar Creek Generating Station	Indiana	55364	CT11		2	2	2
Sugar Creek Generating Station	Indiana	55364	CT12		2	2	2
Tanners Creek	Indiana	988	U1		2,003	1,107	1,107
Tanners Creek	Indiana	988	U2		1,942	1,073	1,073
Tanners Creek	Indiana	988	U3		2,664	1,473	1,473
Tanners Creek	Indiana	988	U4		5,887	3,254	3,254
Wabash River Gen Station	Indiana	1010	1		1,112	1,112	1,112
Wabash River Gen Station	Indiana	1010	2		1,314	727	727
Wabash River Gen Station	Indiana	1010	3		1,272	703	703
Wabash River Gen Station	Indiana	1010	4		1,469	812	812
Wabash River Gen Station	Indiana	1010	5		1,348	745	745
Wabash River Gen Station	Indiana	1010	6		4,999	2,763	2,763

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
R Gallagher	Indiana	1008	2	917	917	618	634
R Gallagher	Indiana	1008	3	0	0	579	594
R Gallagher	Indiana	1008	4	877	877	592	607
R M Schahfer Generating Station	Indiana	6085	14	3,746	3,746	2,528	2,266
R M Schahfer Generating Station	Indiana	6085	15	4,419	4,419	2,982	2,671
R M Schahfer Generating Station	Indiana	6085	16A	0	0	7	7
R M Schahfer Generating Station	Indiana	6085	16B	0	0	11	11
R M Schahfer Generating Station	Indiana	6085	17	3,516	3,516	2,373	2,126
R M Schahfer Generating Station	Indiana	6085	18	3,600	3,600	2,430	2,177
Richmond (IN)	Indiana	7335	RCT1	1	1	2	2
Richmond (IN)	Indiana	7335	RCT2	0	0	2	2
Rockport	Indiana	6166	MB1	11,905	11,905	8,034	8,232
Rockport	Indiana	6166	MB2	11,140	11,140	7,517	7,703
State Line Generating Station (IN)	Indiana	981	3	1,689	1,689	1,140	1,168
State Line Generating Station (IN)	Indiana	981	4	2,680	2,680	1,808	1,853
Sugar Creek Generating Station	Indiana	55364	CT11	2	2	189	189
Sugar Creek Generating Station	Indiana	55364	CT12	2	2	101	101
Tanners Creek	Indiana	988	U1	1,107	1,107	747	766
Tanners Creek	Indiana	988	U2	1,073	1,073	724	742
Tanners Creek	Indiana	988	U3	1,473	1,473	994	1,018
Tanners Creek	Indiana	988	U4	3,254	3,254	2,196	2,250
Wabash River Gen Station	Indiana	1010	1	1,112	1,112	442	442
Wabash River Gen Station	Indiana	1010	2	727	727	490	502
Wabash River Gen Station	Indiana	1010	3	703	703	474	486
Wabash River Gen Station	Indiana	1010	4	812	812	548	561
Wabash River Gen Station	Indiana	1010	5	745	745	503	515
Wabash River Gen Station	Indiana	1010	6	2,763	2,763	1,865	1,911

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
R Gallagher	Indiana	1008	2	627	635	635	635
R Gallagher	Indiana	1008	3	587	595	595	595
R Gallagher	Indiana	1008	4	600	608	608	608
R M Schahfer Generating Station	Indiana	6085	14	2,218	2,120	2,120	2,120
R M Schahfer Generating Station	Indiana	6085	15	2,616	2,501	2,501	2,501
R M Schahfer Generating Station	Indiana	6085	16A	7	7	7	7
R M Schahfer Generating Station	Indiana	6085	16B	11	11	11	11
R M Schahfer Generating Station	Indiana	6085	17	2,081	1,989	1,989	1,989
R M Schahfer Generating Station	Indiana	6085	18	2,131	2,037	2,037	2,037
Richmond (IN)	Indiana	7335	RCT1	2	2	2	2
Richmond (IN)	Indiana	7335	RCT2	2	2	2	2
Rockport	Indiana	6166	MB1	8,139	8,252	8,252	8,252
Rockport	Indiana	6166	MB2	7,615	7,722	7,722	7,722
State Line Generating Station (IN)	Indiana	981	3	1,155	1,171	1,171	1,171
State Line Generating Station (IN)	Indiana	981	4	1,832	1,858	1,858	1,858
Sugar Creek Generating Station	Indiana	55364	CT11	189	189	189	189
Sugar Creek Generating Station	Indiana	55364	CT12	101	101	101	101
Tanners Creek	Indiana	988	U1	757	767	767	767
Tanners Creek	Indiana	988	U2	734	744	744	744
Tanners Creek	Indiana	988	U3	1,007	1,021	1,021	1,021
Tanners Creek	Indiana	988	U4	2,224	2,255	2,255	2,255
Wabash River Gen Station	Indiana	1010	1	442	442	442	442
Wabash River Gen Station	Indiana	1010	2	497	504	504	504
Wabash River Gen Station	Indiana	1010	3	481	487	487	487
Wabash River Gen Station	Indiana	1010	4	555	563	563	563
Wabash River Gen Station	Indiana	1010	5	509	516	516	516
Wabash River Gen Station	Indiana	1010	6	1,889	1,915	1,915	1,915

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
R Gallagher	Indiana	1008	2	2,539,628	3,482,847	3,618,046	2,500,407	2,835,359	3,312,084
R Gallagher	Indiana	1008	3	2,648,324	3,232,171	3,156,902	1,839,550	2,645,696	3,012,465
R Gallagher	Indiana	1008	4	2,379,052	3,728,123	3,256,798	1,737,874	2,853,817	3,279,579
R M Schahfer Generating Station	Indiana	6085	14	14,793,533	14,052,293	12,900,700	12,246,787	14,392,698	14,412,841
R M Schahfer Generating Station	Indiana	6085	15	13,721,490	13,593,234	14,183,873	12,313,810	14,918,624	14,274,662
R M Schahfer Generating Station	Indiana	6085	16A	80,613	22,047	39,975	14,413	83,801	68,130
R M Schahfer Generating Station	Indiana	6085	16B	76,944	47,536	164,422	18,668	84,719	108,695
R M Schahfer Generating Station	Indiana	6085	17	13,294,978	12,361,202	11,015,710	10,616,344	11,711,585	12,455,922
R M Schahfer Generating Station	Indiana	6085	18	12,675,658	12,074,117	12,719,092	10,826,981	11,058,405	12,489,622
Richmond (IN)	Indiana	7335	RCT1	14,934	13,769	19,855	1,304	15,564	16,784
Richmond (IN)	Indiana	7335	RCT2	15,240	14,356	19,714	1,158	3,831	16,437
Rockport	Indiana	6166	MB1	40,786,517	35,338,275	38,624,330	38,049,671	42,430,078	40,613,642
Rockport	Indiana	6166	MB2	40,819,455	26,865,347	37,218,633	37,629,698	29,415,824	38,555,929
State Line Generating Station (IN)	Indiana	981	3	5,240,592	4,697,987	6,664,615	5,503,013	6,060,313	6,075,980
State Line Generating Station (IN)	Indiana	981	4	6,855,905	9,107,845	9,180,430	5,988,704	8,216,388	8,834,888
Sugar Creek Generating Station	Indiana	55364	CT11	759,129	946,546	619,660	1,471,663	2,781,864	1,733,358
Sugar Creek Generating Station	Indiana	55364	CT12	817,231	918,567	593,522	1,433,355	2,786,524	1,712,815
Tanners Creek	Indiana	988	U1	3,909,824	3,961,478	2,963,423	343,714	1,832,694	3,611,575
Tanners Creek	Indiana	988	U2	3,807,675	4,175,959	3,458,157	939,074	2,113,301	3,813,931
Tanners Creek	Indiana	988	U3	5,279,692	6,005,405	4,293,454	2,459,155	1,977,739	5,192,850
Tanners Creek	Indiana	988	U4	13,771,880	13,705,775	10,501,994	6,106,055	11,405,268	12,960,975
Wabash River Gen Station	Indiana	1010	1	4,228,343	4,200,491	2,601,960	2,524,633	4,748,674	4,392,503
Wabash River Gen Station	Indiana	1010	2	1,777,933	2,506,311	2,670,690	1,560,333		2,318,311
Wabash River Gen Station	Indiana	1010	3	2,372,071	1,865,865	2,610,721	1,078,840		2,282,886
Wabash River Gen Station	Indiana	1010	4	2,442,545	2,517,247	2,678,219	2,463,281	3,149,517	2,781,661
Wabash River Gen Station	Indiana	1010	5	2,465,346	2,070,361	2,783,274	805,921		2,439,660
Wabash River Gen Station	Indiana	1010	6	9,903,299	8,196,817	8,638,775	8,024,619	11,621,411	10,054,495

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
R Gallagher	Indiana	1008	2	574,501,876	0.005765	45,470	44,790	262	258
R Gallagher	Indiana	1008	3	574,501,876	0.005244	45,470	44,790	238	235
R Gallagher	Indiana	1008	4	574,501,876	0.005709	45,470	44,790	260	256
R M Schahfer Generating Station	Indiana	6085	14	574,501,876	0.025088	45,470	44,790	1,141	1,124
R M Schahfer Generating Station	Indiana	6085	15	574,501,876	0.024847	45,470	44,790	1,130	1,113
R M Schahfer Generating Station	Indiana	6085	16A	574,501,876	0.000119	45,470	44,790	5	5
R M Schahfer Generating Station	Indiana	6085	16B	574,501,876	0.000189	45,470	44,790	9	8
R M Schahfer Generating Station	Indiana	6085	17	574,501,876	0.021681	45,470	44,790	986	971
R M Schahfer Generating Station	Indiana	6085	18	574,501,876	0.021740	45,470	44,790	989	974
Richmond (IN)	Indiana	7335	RCT1	574,501,876	0.000029	45,470	44,790	1	1
Richmond (IN)	Indiana	7335	RCT2	574,501,876	0.000029	45,470	44,790	1	1
Rockport	Indiana	6166	MB1	574,501,876	0.070694	45,470	44,790	3,214	3,166
Rockport	Indiana	6166	MB2	574,501,876	0.067112	45,470	44,790	3,052	3,006
State Line Generating Station (IN)	Indiana	981	3	574,501,876	0.010576	45,470	44,790	481	474
State Line Generating Station (IN)	Indiana	981	4	574,501,876	0.015378	45,470	44,790	699	689
Sugar Creek Generating Station	Indiana	55364	CT11	574,501,876	0.003017	45,470	44,790	137	135
Sugar Creek Generating Station	Indiana	55364	CT12	574,501,876	0.002981	45,470	44,790	136	134
Tanners Creek	Indiana	988	U1	574,501,876	0.006286	45,470	44,790	286	282
Tanners Creek	Indiana	988	U2	574,501,876	0.006639	45,470	44,790	302	297
Tanners Creek	Indiana	988	U3	574,501,876	0.009039	45,470	44,790	411	405
Tanners Creek	Indiana	988	U4	574,501,876	0.022560	45,470	44,790	1,026	1,010
Wabash River Gen Station	Indiana	1010	1	574,501,876	0.007646	45,470	44,790	348	342
Wabash River Gen Station	Indiana	1010	2	574,501,876	0.004035	45,470	44,790	183	181
Wabash River Gen Station	Indiana	1010	3	574,501,876	0.003974	45,470	44,790	181	178
Wabash River Gen Station	Indiana	1010	4	574,501,876	0.004842	45,470	44,790	220	217
Wabash River Gen Station	Indiana	1010	5	574,501,876	0.004247	45,470	44,790	193	190
Wabash River Gen Station	Indiana	1010	6	574,501,876	0.017501	45,470	44,790	796	784

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
R Gallagher	Indiana	1008	2	702	548	509	410	557	705
R Gallagher	Indiana	1008	3	632	576	368	369	557	551
R Gallagher	Indiana	1008	4	643	537	498	332	642	564
R M Schahfer Generating Station	Indiana	6085	14	3,156	1,104	988	864	1,028	673
R M Schahfer Generating Station	Indiana	6085	15	1,601	1,167	1,263	1,111	1,785	1,821
R M Schahfer Generating Station	Indiana	6085	16A	2	3	28	13	4	6
R M Schahfer Generating Station	Indiana	6085	16B	2	3	24	11	7	25
R M Schahfer Generating Station	Indiana	6085	17	1,155	1,075	1,230	1,135	1,008	1,082
R M Schahfer Generating Station	Indiana	6085	18	1,101	940	1,395	1,069	1,017	1,210
Richmond (IN)	Indiana	7335	RCT1	1	0	1	1	1	1
Richmond (IN)	Indiana	7335	RCT2	0	0	0	1	1	1
Rockport	Indiana	6166	MB1	7,310	4,067	3,707	4,945	3,908	4,416
Rockport	Indiana	6166	MB2	7,884	3,408	4,248	4,922	2,915	4,260
State Line Generating Station (IN)	Indiana	981	3	633	449	471	573	541	859
State Line Generating Station (IN)	Indiana	981	4	2,106	2,297	1,837	1,648	2,224	2,369
Sugar Creek Generating Station	Indiana	55364	CT11	161	12	14	10	27	8
Sugar Creek Generating Station	Indiana	55364	CT12	92	13	34	6	13	7
Tanners Creek	Indiana	988	U1	955	314	461	554	615	493
Tanners Creek	Indiana	988	U2	884	526	500	538	639	575
Tanners Creek	Indiana	988	U3	1,318	702	504	756	935	716
Tanners Creek	Indiana	988	U4	2,214	2,065	1,884	1,647	1,667	1,736
Wabash River Gen Station	Indiana	1010	1	212	53	119	147	156	97
Wabash River Gen Station	Indiana	1010	2	543	367	410	318	436	461
Wabash River Gen Station	Indiana	1010	3	527	409	408	425	325	452
Wabash River Gen Station	Indiana	1010	4	496	451	457	435	439	463
Wabash River Gen Station	Indiana	1010	5	550	476	445	440	367	484
Wabash River Gen Station	Indiana	1010	6	1,930	1,769	1,458	1,743	1,389	1,457

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
R Gallagher	Indiana	1008	2	447	512	705			
R Gallagher	Indiana	1008	3	310	461	632			
R Gallagher	Indiana	1008	4	292	493	643			
R M Schahfer Generating Station	Indiana	6085	14	1,921	947	3,156		2,266	2,218
R M Schahfer Generating Station	Indiana	6085	15	974	1,247	1,821		2,671	2,616
R M Schahfer Generating Station	Indiana	6085	16A	2	12	28			
R M Schahfer Generating Station	Indiana	6085	16B	2	11	25			
R M Schahfer Generating Station	Indiana	6085	17	1,095	1,169	1,230		2,126	2,081
R M Schahfer Generating Station	Indiana	6085	18	1,127	1,075	1,395		2,177	2,131
Richmond (IN)	Indiana	7335	RCT1	0	1	1			
Richmond (IN)	Indiana	7335	RCT2	0	0	1			
Rockport	Indiana	6166	MB1	4,250	4,969	7,310			
Rockport	Indiana	6166	MB2	4,206	3,447	7,884			
State Line Generating Station (IN)	Indiana	981	3	674	832	859			
State Line Generating Station (IN)	Indiana	981	4	1,827	2,580	2,580			
Sugar Creek Generating Station	Indiana	55364	CT11	13	23	161			
Sugar Creek Generating Station	Indiana	55364	CT12	12	23	92			
Tanners Creek	Indiana	988	U1	49	256	955			
Tanners Creek	Indiana	988	U2	130	297	884			
Tanners Creek	Indiana	988	U3	348	274	1,318			
Tanners Creek	Indiana	988	U4	757	1,230	2,214			
Wabash River Gen Station	Indiana	1010	1	87	177	212			
Wabash River Gen Station	Indiana	1010	2	271		543			
Wabash River Gen Station	Indiana	1010	3	189		527			
Wabash River Gen Station	Indiana	1010	4	421	476	496			
Wabash River Gen Station	Indiana	1010	5	146		550			
Wabash River Gen Station	Indiana	1010	6	1,353	1,735	1,930			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
R Gallagher	Indiana	1008	2				270	270
R Gallagher	Indiana	1008	3				246	246
R Gallagher	Indiana	1008	4				268	268
R M Schahfer Generating Station	Indiana	6085	14	2,120	2,120	2,120	1,177	1,177
R M Schahfer Generating Station	Indiana	6085	15	2,501	2,501	2,501	1,165	1,165
R M Schahfer Generating Station	Indiana	6085	16A				6	6
R M Schahfer Generating Station	Indiana	6085	16B				9	9
R M Schahfer Generating Station	Indiana	6085	17	1,989	1,989	1,989	1,017	1,017
R M Schahfer Generating Station	Indiana	6085	18	2,037	2,037	2,037	1,020	1,020
Richmond (IN)	Indiana	7335	RCT1				1	1
Richmond (IN)	Indiana	7335	RCT2				1	1
Rockport	Indiana	6166	MB1				3,316	3,316
Rockport	Indiana	6166	MB2				3,148	3,148
State Line Generating Station (IN)	Indiana	981	3				496	496
State Line Generating Station (IN)	Indiana	981	4				721	721
Sugar Creek Generating Station	Indiana	55364	CT11				142	142
Sugar Creek Generating Station	Indiana	55364	CT12				92	92
Tanners Creek	Indiana	988	U1				295	295
Tanners Creek	Indiana	988	U2				311	311
Tanners Creek	Indiana	988	U3				424	424
Tanners Creek	Indiana	988	U4				1,058	1,058
Wabash River Gen Station	Indiana	1010	1				212	212
Wabash River Gen Station	Indiana	1010	2				189	189
Wabash River Gen Station	Indiana	1010	3				186	186
Wabash River Gen Station	Indiana	1010	4				227	227
Wabash River Gen Station	Indiana	1010	5				199	199
Wabash River Gen Station	Indiana	1010	6				821	821

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
R Gallagher	Indiana	1008	2	266	266	266	266	Y
R Gallagher	Indiana	1008	3	242	242	242	242	Y
R Gallagher	Indiana	1008	4	264	264	264	264	Y
R M Schahfer Generating Station	Indiana	6085	14	1,159	1,159	1,159	1,159	Y
R M Schahfer Generating Station	Indiana	6085	15	1,148	1,148	1,148	1,148	Y
R M Schahfer Generating Station	Indiana	6085	16A	5	5	5	5	Y
R M Schahfer Generating Station	Indiana	6085	16B	9	9	9	9	Y
R M Schahfer Generating Station	Indiana	6085	17	1,002	1,002	1,002	1,002	Y
R M Schahfer Generating Station	Indiana	6085	18	1,004	1,004	1,004	1,004	Y
Richmond (IN)	Indiana	7335	RCT1	1	1	1	1	Y
Richmond (IN)	Indiana	7335	RCT2	1	1	1	1	Y
Rockport	Indiana	6166	MB1	3,265	3,265	3,265	3,265	Y
Rockport	Indiana	6166	MB2	3,100	3,100	3,100	3,100	Y
State Line Generating Station (IN)	Indiana	981	3	489	489	489	489	Y
State Line Generating Station (IN)	Indiana	981	4	710	710	710	710	Y
Sugar Creek Generating Station	Indiana	55364	CT11	139	139	139	139	Y
Sugar Creek Generating Station	Indiana	55364	CT12	92	92	92	92	Y
Tanners Creek	Indiana	988	U1	290	290	290	290	Y
Tanners Creek	Indiana	988	U2	307	307	307	307	Y
Tanners Creek	Indiana	988	U3	418	418	418	418	Y
Tanners Creek	Indiana	988	U4	1,042	1,042	1,042	1,042	Y
Wabash River Gen Station	Indiana	1010	1	212	212	212	212	Y
Wabash River Gen Station	Indiana	1010	2	186	186	186	186	Y
Wabash River Gen Station	Indiana	1010	3	184	184	184	184	Y
Wabash River Gen Station	Indiana	1010	4	224	224	224	224	Y
Wabash River Gen Station	Indiana	1010	5	196	196	196	196	Y
Wabash River Gen Station	Indiana	1010	6	808	808	808	808	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
R Gallagher	Indiana	1008	2	Y		Y		
R Gallagher	Indiana	1008	3	Y		Y		
R Gallagher	Indiana	1008	4	Y		Y		
R M Schahfer Generating Station	Indiana	6085	14	Y		Y		
R M Schahfer Generating Station	Indiana	6085	15	Y		Y		
R M Schahfer Generating Station	Indiana	6085	16A	Y		Y		
R M Schahfer Generating Station	Indiana	6085	16B	Y		Y		
R M Schahfer Generating Station	Indiana	6085	17	Y		Y		
R M Schahfer Generating Station	Indiana	6085	18	Y		Y		
Richmond (IN)	Indiana	7335	RCT1	Y		Y		
Richmond (IN)	Indiana	7335	RCT2	Y		Y		
Rockport	Indiana	6166	MB1	Y		Y		
Rockport	Indiana	6166	MB2	Y		Y		
State Line Generating Station (IN)	Indiana	981	3	Y		Y		
State Line Generating Station (IN)	Indiana	981	4	Y		Y		
Sugar Creek Generating Station	Indiana	55364	CT11	Y		Y		
Sugar Creek Generating Station	Indiana	55364	CT12	Y		Y		
Tanners Creek	Indiana	988	U1	Y		Y		
Tanners Creek	Indiana	988	U2	Y		Y		
Tanners Creek	Indiana	988	U3	Y		Y		
Tanners Creek	Indiana	988	U4	Y		Y		
Wabash River Gen Station	Indiana	1010	1	Y		Y		
Wabash River Gen Station	Indiana	1010	2	Y		Y		
Wabash River Gen Station	Indiana	1010	3	Y		Y		
Wabash River Gen Station	Indiana	1010	4	Y		Y		
Wabash River Gen Station	Indiana	1010	5	Y		Y		
Wabash River Gen Station	Indiana	1010	6	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Wheatland Generating Facility LLC	Indiana	55224	EU-01	4183	78,943	63,791	25,308	82,552	268,805
Wheatland Generating Facility LLC	Indiana	55224	EU-02	4184	98,453	67,915	22,255	74,391	217,384
Wheatland Generating Facility LLC	Indiana	55224	EU-03	4185	87,143	80,456	12,558	64,383	160,501
Wheatland Generating Facility LLC	Indiana	55224	EU-04	4186	98,762	78,581	53,151	50,801	179,465
Whitewater Valley	Indiana	1040	1	729	1,275,356	1,377,627	1,309,842	515,049	1,043,797
Whitewater Valley	Indiana	1040	2	730	3,862,124	3,648,452	3,661,525	1,809,090	1,693,253
Whiting Clean Energy, Inc.	Indiana	55259	CT1	4357	3,573,292	7,529,012	7,042,263	6,709,106	12,726,222
Whiting Clean Energy, Inc.	Indiana	55259	CT2	4358	6,088,093	7,168,154	9,888,264	10,944,556	11,429,633
Worthington Generation	Indiana	55148	1	4017	49,732	90,950	75,282	41,306	78,627
Worthington Generation	Indiana	55148	2	4018	48,897	119,958	74,803	25,031	55,917
Worthington Generation	Indiana	55148	3	4019	38,420	72,500	47,928	29,505	52,297
Worthington Generation	Indiana	55148	4	4020	46,229	102,399	69,819	43,980	72,534
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1		125,952	209,426	78,607	294,016	213,376
Chanute 2	Kansas	1268	14	2247	183,125	474,256	274,266	287,017	216,003
Cimarron River	Kansas	1230	1	808	1,817,103	1,589,589	904,482	1,385,760	881,711
Clifton	Kansas	8037	T1		332,020	323,396	302,281	196,568	
Coffeyville	Kansas	1271	4	841	255,319	19,213	431	6,340	12,300
East 12th Street	Kansas	7013	4	2915	9,865	7,801	34,209	170,891	77,995
Emporia Energy Center	Kansas	56502	EEC1	89850			286,767	710,706	651,691
Emporia Energy Center	Kansas	56502	EEC2	89851			360,874	783,643	636,699
Emporia Energy Center	Kansas	56502	EEC3	89852			388,397	795,159	655,088
Emporia Energy Center	Kansas	56502	EEC4	89853			353,934	752,872	663,706
Emporia Energy Center	Kansas	56502	EEC5	89854			368,840	439,769	432,416
Emporia Energy Center	Kansas	56502	EEC6	89855				448,363	653,724
Emporia Energy Center	Kansas	56502	EEC7	89856				433,393	430,542
Fort Dodge aka Judson Large	Kansas	1233	4	810	3,418,990	5,399,837	4,776,537	4,737,094	4,073,131
Garden City	Kansas	1336	S-2	871	988,334	391,626	713,853	716,313	652,475

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Wheatland Generating Facility LLC	Indiana	55224	EU-01	143,433	1,326,412,000	0.000108	276,861	156,278
Wheatland Generating Facility LLC	Indiana	55224	EU-02	130,076	1,326,412,000	0.000098	276,861	156,278
Wheatland Generating Facility LLC	Indiana	55224	EU-03	109,367	1,326,412,000	0.000082	276,861	156,278
Wheatland Generating Facility LLC	Indiana	55224	EU-04	118,936	1,326,412,000	0.000090	276,861	156,278
Whitewater Valley	Indiana	1040	1	1,320,942	1,326,412,000	0.000996	276,861	156,278
Whitewater Valley	Indiana	1040	2	3,724,034	1,326,412,000	0.002808	276,861	156,278
Whiting Clean Energy, Inc.	Indiana	55259	CT1	9,099,166	1,326,412,000	0.006860	276,861	156,278
Whiting Clean Energy, Inc.	Indiana	55259	CT2	10,754,151	1,326,412,000	0.008108	276,861	156,278
Worthington Generation	Indiana	55148	1	81,620	1,326,412,000	0.000062	276,861	156,278
Worthington Generation	Indiana	55148	2	83,559	1,326,412,000	0.000063	276,861	156,278
Worthington Generation	Indiana	55148	3	57,575	1,326,412,000	0.000043	276,861	156,278
Worthington Generation	Indiana	55148	4	81,584	1,326,412,000	0.000062	276,861	156,278
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	238,939	427,324,730	0.000559	40,697	40,697
Chanute 2	Kansas	1268	14	345,180	427,324,730	0.000808	40,697	40,697
Cimarron River	Kansas	1230	1	1,597,484	427,324,730	0.003738	40,697	40,697
Clifton	Kansas	8037	T1	319,232	427,324,730	0.000747	40,697	40,697
Coffeyville	Kansas	1271	4	95,610	427,324,730	0.000224	40,697	40,697
East 12th Street	Kansas	7013	4	94,365	427,324,730	0.000221	40,697	40,697
Emporia Energy Center	Kansas	56502	EEC1	549,721	427,324,730	0.001286	40,697	40,697
Emporia Energy Center	Kansas	56502	EEC2	593,739	427,324,730	0.001389	40,697	40,697
Emporia Energy Center	Kansas	56502	EEC3	612,881	427,324,730	0.001434	40,697	40,697
Emporia Energy Center	Kansas	56502	EEC4	590,171	427,324,730	0.001381	40,697	40,697
Emporia Energy Center	Kansas	56502	EEC5	413,675	427,324,730	0.000968	40,697	40,697
Emporia Energy Center	Kansas	56502	EEC6	551,044	427,324,730	0.001290	40,697	40,697
Emporia Energy Center	Kansas	56502	EEC7	431,967	427,324,730	0.001011	40,697	40,697
Fort Dodge aka Judson Large	Kansas	1233	4	4,971,156	427,324,730	0.011633	40,697	40,697
Garden City	Kansas	1336	S-2	806,167	427,324,730	0.001887	40,697	40,697

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Wheatland Generating Facility LLC	Indiana	55224	EU-01	106,434	105,171	30	17	12	11
Wheatland Generating Facility LLC	Indiana	55224	EU-02	106,434	105,171	27	15	10	10
Wheatland Generating Facility LLC	Indiana	55224	EU-03	106,434	105,171	23	13	9	9
Wheatland Generating Facility LLC	Indiana	55224	EU-04	106,434	105,171	25	14	10	9
Whitewater Valley	Indiana	1040	1	106,434	105,171	276	156	106	105
Whitewater Valley	Indiana	1040	2	106,434	105,171	777	439	299	295
Whiting Clean Energy, Inc.	Indiana	55259	CT1	106,434	105,171	1,899	1,072	730	721
Whiting Clean Energy, Inc.	Indiana	55259	CT2	106,434	105,171	2,245	1,267	863	853
Worthington Generation	Indiana	55148	1	106,434	105,171	17	10	7	6
Worthington Generation	Indiana	55148	2	106,434	105,171	17	10	7	7
Worthington Generation	Indiana	55148	3	106,434	105,171	12	7	5	5
Worthington Generation	Indiana	55148	4	106,434	105,171	17	10	7	6
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	30,100	25,049	23	23	17	14
Chanute 2	Kansas	1268	14	30,100	25,049	33	33	24	20
Cimarron River	Kansas	1230	1	30,100	25,049	152	152	113	94
Clifton	Kansas	8037	T1	30,100	25,049	30	30	22	19
Coffeyville	Kansas	1271	4	30,100	25,049	9	9	7	6
East 12th Street	Kansas	7013	4	30,100	25,049	9	9	7	6
Emporia Energy Center	Kansas	56502	EEC1	30,100	25,049	52	52	39	32
Emporia Energy Center	Kansas	56502	EEC2	30,100	25,049	57	57	42	35
Emporia Energy Center	Kansas	56502	EEC3	30,100	25,049	58	58	43	36
Emporia Energy Center	Kansas	56502	EEC4	30,100	25,049	56	56	42	35
Emporia Energy Center	Kansas	56502	EEC5	30,100	25,049	39	39	29	24
Emporia Energy Center	Kansas	56502	EEC6	30,100	25,049	52	52	39	32
Emporia Energy Center	Kansas	56502	EEC7	30,100	25,049	41	41	30	25
Fort Dodge aka Judson Large	Kansas	1233	4	30,100	25,049	473	473	350	291
Garden City	Kansas	1336	S-2	30,100	25,049	77	77	57	47

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Wheatland Generating Facility LLC	Indiana	55224	EU-01	0	0	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-02	0	0	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-03	0	0	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-04	0	0	0	0	0	0
Whitewater Valley	Indiana	1040	1	4,329	4,637	4,284	2,138	2,428	2,357
Whitewater Valley	Indiana	1040	2	8,553	8,684	7,549	6,193	6,186	6,323
Whiting Clean Energy, Inc.	Indiana	55259	CT1	0	1	1	1	2	2
Whiting Clean Energy, Inc.	Indiana	55259	CT2	1	1	2	2	2	3
Worthington Generation	Indiana	55148	1	0	0	0	0	0	0
Worthington Generation	Indiana	55148	2	0	0	0	0	0	0
Worthington Generation	Indiana	55148	3	0	0	0	0	0	0
Worthington Generation	Indiana	55148	4	0	0	0	0	0	0
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1			0		0	
Chanute 2	Kansas	1268	14	0	0	0	0	0	0
Cimarron River	Kansas	1230	1	0	0	0	1	0	0
Clifton	Kansas	8037	T1			3		1	
Coffeyville	Kansas	1271	4	0		0	0	0	
East 12th Street	Kansas	7013	4	0		4		0	0
Emporia Energy Center	Kansas	56502	EEC1						0
Emporia Energy Center	Kansas	56502	EEC2						0
Emporia Energy Center	Kansas	56502	EEC3						0
Emporia Energy Center	Kansas	56502	EEC4						0
Emporia Energy Center	Kansas	56502	EEC5						0
Emporia Energy Center	Kansas	56502	EEC6						
Emporia Energy Center	Kansas	56502	EEC7						
Fort Dodge aka Judson Large	Kansas	1233	4	1	1	1	1	2	1
Garden City	Kansas	1336	S-2	0	0	0	0	0	0

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Wheatland Generating Facility LLC	Indiana	55224	EU-01	0	0	0			
Wheatland Generating Facility LLC	Indiana	55224	EU-02	0	0	0			
Wheatland Generating Facility LLC	Indiana	55224	EU-03	0	0	0			
Wheatland Generating Facility LLC	Indiana	55224	EU-04	0	0	0			
Whitewater Valley	Indiana	1040	1	829	1,801	4,637			
Whitewater Valley	Indiana	1040	2	3,090	3,005	8,684			
Whiting Clean Energy, Inc.	Indiana	55259	CT1	2	4	4			
Whiting Clean Energy, Inc.	Indiana	55259	CT2	3	3	3			
Worthington Generation	Indiana	55148	1	0	0	0			
Worthington Generation	Indiana	55148	2	0	0	0			
Worthington Generation	Indiana	55148	3	0	0	0			
Worthington Generation	Indiana	55148	4	0	0	0			
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1			0			
Chanute 2	Kansas	1268	14	0	0	0			
Cimarron River	Kansas	1230	1	0	0	1			
Clifton	Kansas	8037	T1			3			
Coffeyville	Kansas	1271	4	0	0	0			
East 12th Street	Kansas	7013	4	0	0	4			
Emporia Energy Center	Kansas	56502	EEC1	0	0	0			
Emporia Energy Center	Kansas	56502	EEC2	0	0	0			
Emporia Energy Center	Kansas	56502	EEC3	0	0	0			
Emporia Energy Center	Kansas	56502	EEC4	0	0	0			
Emporia Energy Center	Kansas	56502	EEC5	0	0	0			
Emporia Energy Center	Kansas	56502	EEC6	0	0	0			
Emporia Energy Center	Kansas	56502	EEC7	0	0	0			
Fort Dodge aka Judson Large	Kansas	1233	4	1	1	2			
Garden City	Kansas	1336	S-2	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Wheatland Generating Facility LLC	Indiana	55224	EU-01				0	0	2
Wheatland Generating Facility LLC	Indiana	55224	EU-02				0	0	3
Wheatland Generating Facility LLC	Indiana	55224	EU-03				1	1	2
Wheatland Generating Facility LLC	Indiana	55224	EU-04				1	1	2
Whitewater Valley	Indiana	1040	1				518	399	414
Whitewater Valley	Indiana	1040	2				1,025	739	704
Whiting Clean Energy, Inc.	Indiana	55259	CT1				9	20	23
Whiting Clean Energy, Inc.	Indiana	55259	CT2				15	21	28
Worthington Generation	Indiana	55148	1				5	10	9
Worthington Generation	Indiana	55148	2				7	11	8
Worthington Generation	Indiana	55148	3				5	11	9
Worthington Generation	Indiana	55148	4				6	10	8
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1					6	10
Chanute 2	Kansas	1268	14				2	1	5
Cimarron River	Kansas	1230	1				111	69	137
Clifton	Kansas	8037	T1					4	34
Coffeyville	Kansas	1271	4				16		12
East 12th Street	Kansas	7013	4				3		16
Emporia Energy Center	Kansas	56502	EEC1						
Emporia Energy Center	Kansas	56502	EEC2						
Emporia Energy Center	Kansas	56502	EEC3						
Emporia Energy Center	Kansas	56502	EEC4						
Emporia Energy Center	Kansas	56502	EEC5						
Emporia Energy Center	Kansas	56502	EEC6						
Emporia Energy Center	Kansas	56502	EEC7						
Fort Dodge aka Judson Large	Kansas	1233	4				369	316	376
Garden City	Kansas	1336	S-2				103	42	46

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Wheatland Generating Facility LLC	Indiana	55224	EU-01	4	4	2	6	18	18
Wheatland Generating Facility LLC	Indiana	55224	EU-02	4	5	2	4	14	14
Wheatland Generating Facility LLC	Indiana	55224	EU-03	4	5	1	4	10	10
Wheatland Generating Facility LLC	Indiana	55224	EU-04	5	6	5	3	11	11
Whitewater Valley	Indiana	1040	1	217	242	241	81	137	518
Whitewater Valley	Indiana	1040	2	639	629	612	289	222	1,025
Whiting Clean Energy, Inc.	Indiana	55259	CT1	17	33	32	32	54	54
Whiting Clean Energy, Inc.	Indiana	55259	CT2	30	33	41	48	48	48
Worthington Generation	Indiana	55148	1	2	4	3	2	3	10
Worthington Generation	Indiana	55148	2	2	5	3	1	2	11
Worthington Generation	Indiana	55148	3	1	3	2	1	2	11
Worthington Generation	Indiana	55148	4	2	4	3	2	3	10
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1		29				29
Chanute 2	Kansas	1268	14	16	51	28	40	27	51
Cimarron River	Kansas	1230	1	186	156	84	141	96	186
Clifton	Kansas	8037	T1		45				45
Coffeyville	Kansas	1271	4	16	1	0	0	1	16
East 12th Street	Kansas	7013	4	1	1	5	22	9	22
Emporia Energy Center	Kansas	56502	EEC1			13	30	28	30
Emporia Energy Center	Kansas	56502	EEC2			16	33	28	33
Emporia Energy Center	Kansas	56502	EEC3			17	33	28	33
Emporia Energy Center	Kansas	56502	EEC4			16	31	29	31
Emporia Energy Center	Kansas	56502	EEC5			7	8	7	8
Emporia Energy Center	Kansas	56502	EEC6				7	11	11
Emporia Energy Center	Kansas	56502	EEC7				7	7	7
Fort Dodge aka Judson Large	Kansas	1233	4	373	485	401	378	262	485
Garden City	Kansas	1336	S-2	149	51	97	103	88	149

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Wheatland Generating Facility LLC	Indiana	55224	EU-01						
Wheatland Generating Facility LLC	Indiana	55224	EU-02						
Wheatland Generating Facility LLC	Indiana	55224	EU-03						
Wheatland Generating Facility LLC	Indiana	55224	EU-04						
Whitewater Valley	Indiana	1040	1						
Whitewater Valley	Indiana	1040	2						
Whiting Clean Energy, Inc.	Indiana	55259	CT1						
Whiting Clean Energy, Inc.	Indiana	55259	CT2						
Worthington Generation	Indiana	55148	1						
Worthington Generation	Indiana	55148	2						
Worthington Generation	Indiana	55148	3						
Worthington Generation	Indiana	55148	4						
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1						
Chanute 2	Kansas	1268	14						
Cimarron River	Kansas	1230	1						
Clifton	Kansas	8037	T1						
Coffeyville	Kansas	1271	4						
East 12th Street	Kansas	7013	4						
Emporia Energy Center	Kansas	56502	EEC1						
Emporia Energy Center	Kansas	56502	EEC2						
Emporia Energy Center	Kansas	56502	EEC3						
Emporia Energy Center	Kansas	56502	EEC4						
Emporia Energy Center	Kansas	56502	EEC5						
Emporia Energy Center	Kansas	56502	EEC6						
Emporia Energy Center	Kansas	56502	EEC7						
Fort Dodge aka Judson Large	Kansas	1233	4						
Garden City	Kansas	1336	S-2						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Wheatland Generating Facility LLC	Indiana	55224	EU-01		0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-02		0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-03		0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-04		0	0	0
Whitewater Valley	Indiana	1040	1		298	165	165
Whitewater Valley	Indiana	1040	2		839	464	464
Whiting Clean Energy, Inc.	Indiana	55259	CT1		4	4	4
Whiting Clean Energy, Inc.	Indiana	55259	CT2		3	3	3
Worthington Generation	Indiana	55148	1		0	0	0
Worthington Generation	Indiana	55148	2		0	0	0
Worthington Generation	Indiana	55148	3		0	0	0
Worthington Generation	Indiana	55148	4		0	0	0
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	0	0	0	0
Chanute 2	Kansas	1268	14	0	0	0	0
Cimarron River	Kansas	1230	1	1	1	1	1
Clifton	Kansas	8037	T1	3	3	3	3
Coffeyville	Kansas	1271	4	0	0	0	0
East 12th Street	Kansas	7013	4	4	4	4	4
Emporia Energy Center	Kansas	56502	EEC1	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC2	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC3	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC4	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC5	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC6	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC7	0	0	0	0
Fort Dodge aka Judson Large	Kansas	1233	4	2	2	2	2
Garden City	Kansas	1336	S-2	0	0	0	0

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Calculation							
Wheatland Generating Facility LLC	Indiana	55224	EU-01	0	0	12	12
Wheatland Generating Facility LLC	Indiana	55224	EU-02	0	0	11	11
Wheatland Generating Facility LLC	Indiana	55224	EU-03	0	0	9	9
Wheatland Generating Facility LLC	Indiana	55224	EU-04	0	0	10	10
Whitewater Valley	Indiana	1040	1	165	165	111	114
Whitewater Valley	Indiana	1040	2	464	464	313	321
Whiting Clean Energy, Inc.	Indiana	55259	CT1	4	4	54	54
Whiting Clean Energy, Inc.	Indiana	55259	CT2	3	3	48	48
Worthington Generation	Indiana	55148	1	0	0	7	7
Worthington Generation	Indiana	55148	2	0	0	7	7
Worthington Generation	Indiana	55148	3	0	0	5	5
Worthington Generation	Indiana	55148	4	0	0	7	7
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	0	0		
Chanute 2	Kansas	1268	14	0	0		
Cimarron River	Kansas	1230	1	1	1		
Clifton	Kansas	8037	T1	3	3		
Coffeyville	Kansas	1271	4	0	0		
East 12th Street	Kansas	7013	4	4	4		
Emporia Energy Center	Kansas	56502	EEC1	0	0		
Emporia Energy Center	Kansas	56502	EEC2	0	0		
Emporia Energy Center	Kansas	56502	EEC3	0	0		
Emporia Energy Center	Kansas	56502	EEC4	0	0		
Emporia Energy Center	Kansas	56502	EEC5	0	0		
Emporia Energy Center	Kansas	56502	EEC6	0	0		
Emporia Energy Center	Kansas	56502	EEC7	0	0		
Fort Dodge aka Judson Large	Kansas	1233	4	2	2		
Garden City	Kansas	1336	S-2	0	0		

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Wheatland Generating Facility LLC	Indiana	55224	EU-01	12	12	12	12
Wheatland Generating Facility LLC	Indiana	55224	EU-02	11	11	11	11
Wheatland Generating Facility LLC	Indiana	55224	EU-03	9	9	9	9
Wheatland Generating Facility LLC	Indiana	55224	EU-04	10	10	10	10
Whitewater Valley	Indiana	1040	1	112	114	114	114
Whitewater Valley	Indiana	1040	2	317	321	321	321
Whiting Clean Energy, Inc.	Indiana	55259	CT1	54	54	54	54
Whiting Clean Energy, Inc.	Indiana	55259	CT2	48	48	48	48
Worthington Generation	Indiana	55148	1	7	7	7	7
Worthington Generation	Indiana	55148	2	7	7	7	7
Worthington Generation	Indiana	55148	3	5	5	5	5
Worthington Generation	Indiana	55148	4	7	7	7	7
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1				14
Chanute 2	Kansas	1268	14				20
Cimarron River	Kansas	1230	1				95
Clifton	Kansas	8037	T1				19
Coffeyville	Kansas	1271	4				6
East 12th Street	Kansas	7013	4				6
Emporia Energy Center	Kansas	56502	EEC1				30
Emporia Energy Center	Kansas	56502	EEC2				33
Emporia Energy Center	Kansas	56502	EEC3				33
Emporia Energy Center	Kansas	56502	EEC4				31
Emporia Energy Center	Kansas	56502	EEC5				8
Emporia Energy Center	Kansas	56502	EEC6				11
Emporia Energy Center	Kansas	56502	EEC7				7
Fort Dodge aka Judson Large	Kansas	1233	4				294
Garden City	Kansas	1336	S-2				48

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Wheatland Generating Facility LLC	Indiana	55224	EU-01	78,816	45,107	25,308	35,282	197,352	107,091
Wheatland Generating Facility LLC	Indiana	55224	EU-02	74,427	31,451	22,255	32,543	165,379	90,783
Wheatland Generating Facility LLC	Indiana	55224	EU-03	69,932	47,433	12,558	24,543	127,560	81,642
Wheatland Generating Facility LLC	Indiana	55224	EU-04	73,795	63,128	53,151	16,440	129,211	88,711
Whitewater Valley	Indiana	1040	1	660,280	748,718	529,644	197,136	499,858	646,214
Whitewater Valley	Indiana	1040	2	1,809,626	1,620,065	2,071,327	305,822	955,656	1,833,673
Whiting Clean Energy, Inc.	Indiana	55259	CT1	2,239,293	3,529,740	2,891,100	2,945,276	6,330,026	4,268,347
Whiting Clean Energy, Inc.	Indiana	55259	CT2	2,142,969	3,013,573	3,364,232	3,616,325	3,770,076	3,583,545
Worthington Generation	Indiana	55148	1	42,392	73,646	39,351	16,756	75,744	63,927
Worthington Generation	Indiana	55148	2	43,109	94,876	38,735	11,181	55,729	64,572
Worthington Generation	Indiana	55148	3	31,033	57,994	23,334	13,039	48,432	45,820
Worthington Generation	Indiana	55148	4	38,886	89,347	34,198	13,820	69,703	65,979
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	69,298	171,907	75,931	290,979	212,110	224,999
Chanute 2	Kansas	1268	14	183,125	473,959	274,266	279,604	216,003	342,610
Cimarron River	Kansas	1230	1	738,262	713,232	748,898	1,123,456	803,402	891,919
Clifton	Kansas	8037	T1	181,168	265,461	176,422	119,334		207,684
Coffeyville	Kansas	1271	4	255,319	18,239	431	6,340	12,300	95,286
East 12th Street	Kansas	7013	4	9,865	7,801	34,064	162,102	76,917	91,028
Emporia Energy Center	Kansas	56502	EEC1			101,243	352,508	389,040	280,930
Emporia Energy Center	Kansas	56502	EEC2			175,473	409,795	359,711	314,993
Emporia Energy Center	Kansas	56502	EEC3			200,716	411,934	382,706	331,786
Emporia Energy Center	Kansas	56502	EEC4			174,064	390,250	375,400	313,238
Emporia Energy Center	Kansas	56502	EEC5			181,594	306,809	395,932	294,778
Emporia Energy Center	Kansas	56502	EEC6				354,329	516,150	435,239
Emporia Energy Center	Kansas	56502	EEC7				334,359	344,999	339,679
Fort Dodge aka Judson Large	Kansas	1233	4	2,316,241	2,600,009	2,177,698	2,217,517	1,819,054	2,377,922
Garden City	Kansas	1336	S-2	226,514	350,254	581,068	633,432	557,864	590,788

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Wheatland Generating Facility LLC	Indiana	55224	EU-01	574,501,876	0.000186	45,470	44,790	8	8
Wheatland Generating Facility LLC	Indiana	55224	EU-02	574,501,876	0.000158	45,470	44,790	7	7
Wheatland Generating Facility LLC	Indiana	55224	EU-03	574,501,876	0.000142	45,470	44,790	6	6
Wheatland Generating Facility LLC	Indiana	55224	EU-04	574,501,876	0.000154	45,470	44,790	7	7
Whitewater Valley	Indiana	1040	1	574,501,876	0.001125	45,470	44,790	51	50
Whitewater Valley	Indiana	1040	2	574,501,876	0.003192	45,470	44,790	145	143
Whiting Clean Energy, Inc.	Indiana	55259	CT1	574,501,876	0.007430	45,470	44,790	338	333
Whiting Clean Energy, Inc.	Indiana	55259	CT2	574,501,876	0.006238	45,470	44,790	284	279
Worthington Generation	Indiana	55148	1	574,501,876	0.000111	45,470	44,790	5	5
Worthington Generation	Indiana	55148	2	574,501,876	0.000112	45,470	44,790	5	5
Worthington Generation	Indiana	55148	3	574,501,876	0.000080	45,470	44,790	4	4
Worthington Generation	Indiana	55148	4	574,501,876	0.000115	45,470	44,790	5	5
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	192,470,408	0.001169				
Chanute 2	Kansas	1268	14	192,470,408	0.001780				
Cimarron River	Kansas	1230	1	192,470,408	0.004634				
Clifton	Kansas	8037	T1	192,470,408	0.001079				
Coffeyville	Kansas	1271	4	192,470,408	0.000495				
East 12th Street	Kansas	7013	4	192,470,408	0.000473				
Emporia Energy Center	Kansas	56502	EEC1	192,470,408	0.001460				
Emporia Energy Center	Kansas	56502	EEC2	192,470,408	0.001637				
Emporia Energy Center	Kansas	56502	EEC3	192,470,408	0.001724				
Emporia Energy Center	Kansas	56502	EEC4	192,470,408	0.001627				
Emporia Energy Center	Kansas	56502	EEC5	192,470,408	0.001532				
Emporia Energy Center	Kansas	56502	EEC6	192,470,408	0.002261				
Emporia Energy Center	Kansas	56502	EEC7	192,470,408	0.001765				
Fort Dodge aka Judson Large	Kansas	1233	4	192,470,408	0.012355				
Garden City	Kansas	1336	S-2	192,470,408	0.003070				

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Wheatland Generating Facility LLC	Indiana	55224	EU-01	0	0	2	4	3	2
Wheatland Generating Facility LLC	Indiana	55224	EU-02	0	0	1	3	2	2
Wheatland Generating Facility LLC	Indiana	55224	EU-03	0	0	1	3	3	1
Wheatland Generating Facility LLC	Indiana	55224	EU-04	0	0	2	3	5	5
Whitewater Valley	Indiana	1040	1	200	149	152	93	110	77
Whitewater Valley	Indiana	1040	2	499	256	285	253	241	311
Whiting Clean Energy, Inc.	Indiana	55259	CT1	7	7	15	11	16	14
Whiting Clean Energy, Inc.	Indiana	55259	CT2	7	5	16	11	15	14
Worthington Generation	Indiana	55148	1	4	6	5	2	3	2
Worthington Generation	Indiana	55148	2	6	6	3	2	4	1
Worthington Generation	Indiana	55148	3	4	7	4	1	2	1
Worthington Generation	Indiana	55148	4	6	5	5	1	3	1
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1		5	5		24	
Chanute 2	Kansas	1268	14	2	1	5	16	51	28
Cimarron River	Kansas	1230	1	60	33	88	77	74	69
Clifton	Kansas	8037	T1		3	18		37	
Coffeyville	Kansas	1271	4	16		12	16	1	0
East 12th Street	Kansas	7013	4	3		16	1	1	4
Emporia Energy Center	Kansas	56502	EEC1						4
Emporia Energy Center	Kansas	56502	EEC2						8
Emporia Energy Center	Kansas	56502	EEC3						9
Emporia Energy Center	Kansas	56502	EEC4						8
Emporia Energy Center	Kansas	56502	EEC5						3
Emporia Energy Center	Kansas	56502	EEC6						
Emporia Energy Center	Kansas	56502	EEC7						
Fort Dodge aka Judson Large	Kansas	1233	4	200	162	211	261	237	180
Garden City	Kansas	1336	S-2	76	25	20	32	44	75

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Wheatland Generating Facility LLC	Indiana	55224	EU-01	2	12	12			
Wheatland Generating Facility LLC	Indiana	55224	EU-02	2	10	10			
Wheatland Generating Facility LLC	Indiana	55224	EU-03	2	7	7			
Wheatland Generating Facility LLC	Indiana	55224	EU-04	1	8	8			
Whitewater Valley	Indiana	1040	1	30	62	200			
Whitewater Valley	Indiana	1040	2	46	122	499			
Whiting Clean Energy, Inc.	Indiana	55259	CT1	14	26	26			
Whiting Clean Energy, Inc.	Indiana	55259	CT2	16	15	16			
Worthington Generation	Indiana	55148	1	1	3	6			
Worthington Generation	Indiana	55148	2	0	2	6			
Worthington Generation	Indiana	55148	3	0	2	7			
Worthington Generation	Indiana	55148	4	0	3	6			
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1			24			
Chanute 2	Kansas	1268	14	38	27	51			
Cimarron River	Kansas	1230	1	114	88	114			
Clifton	Kansas	8037	T1			37			
Coffeyville	Kansas	1271	4	0	1	16			
East 12th Street	Kansas	7013	4	21	9	21			
Emporia Energy Center	Kansas	56502	EEC1	15	17	17			
Emporia Energy Center	Kansas	56502	EEC2	17	16	17			
Emporia Energy Center	Kansas	56502	EEC3	17	17	17			
Emporia Energy Center	Kansas	56502	EEC4	16	16	16			
Emporia Energy Center	Kansas	56502	EEC5	6	6	6			
Emporia Energy Center	Kansas	56502	EEC6	6	8	8			
Emporia Energy Center	Kansas	56502	EEC7	5	5	5			
Fort Dodge aka Judson Large	Kansas	1233	4	186	114	261			
Garden City	Kansas	1336	S-2	90	74	90			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Wheatland Generating Facility LLC	Indiana	55224	EU-01				9	9
Wheatland Generating Facility LLC	Indiana	55224	EU-02				7	7
Wheatland Generating Facility LLC	Indiana	55224	EU-03				7	7
Wheatland Generating Facility LLC	Indiana	55224	EU-04				7	7
Whitewater Valley	Indiana	1040	1				53	53
Whitewater Valley	Indiana	1040	2				150	150
Whiting Clean Energy, Inc.	Indiana	55259	CT1				26	26
Whiting Clean Energy, Inc.	Indiana	55259	CT2				16	16
Worthington Generation	Indiana	55148	1				5	5
Worthington Generation	Indiana	55148	2				5	5
Worthington Generation	Indiana	55148	3				4	4
Worthington Generation	Indiana	55148	4				5	5
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1					
Chanute 2	Kansas	1268	14					
Cimarron River	Kansas	1230	1					
Clifton	Kansas	8037	T1					
Coffeyville	Kansas	1271	4					
East 12th Street	Kansas	7013	4					
Emporia Energy Center	Kansas	56502	EEC1					
Emporia Energy Center	Kansas	56502	EEC2					
Emporia Energy Center	Kansas	56502	EEC3					
Emporia Energy Center	Kansas	56502	EEC4					
Emporia Energy Center	Kansas	56502	EEC5					
Emporia Energy Center	Kansas	56502	EEC6					
Emporia Energy Center	Kansas	56502	EEC7					
Fort Dodge aka Judson Large	Kansas	1233	4					
Garden City	Kansas	1336	S-2					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Wheatland Generating Facility LLC	Indiana	55224	EU-01	9	9	9	9	Y
Wheatland Generating Facility LLC	Indiana	55224	EU-02	7	7	7	7	Y
Wheatland Generating Facility LLC	Indiana	55224	EU-03	7	7	7	7	Y
Wheatland Generating Facility LLC	Indiana	55224	EU-04	7	7	7	7	Y
Whitewater Valley	Indiana	1040	1	52	52	52	52	Y
Whitewater Valley	Indiana	1040	2	147	147	147	147	Y
Whiting Clean Energy, Inc.	Indiana	55259	CT1	26	26	26	26	Y
Whiting Clean Energy, Inc.	Indiana	55259	CT2	16	16	16	16	Y
Worthington Generation	Indiana	55148	1	5	5	5	5	Y
Worthington Generation	Indiana	55148	2	5	5	5	5	Y
Worthington Generation	Indiana	55148	3	4	4	4	4	Y
Worthington Generation	Indiana	55148	4	5	5	5	5	Y
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1					Y
Chanute 2	Kansas	1268	14					Y
Cimarron River	Kansas	1230	1					Y
Clifton	Kansas	8037	T1					Y
Coffeyville	Kansas	1271	4					Y
East 12th Street	Kansas	7013	4					Y
Emporia Energy Center	Kansas	56502	EEC1					Y
Emporia Energy Center	Kansas	56502	EEC2					Y
Emporia Energy Center	Kansas	56502	EEC3					Y
Emporia Energy Center	Kansas	56502	EEC4					Y
Emporia Energy Center	Kansas	56502	EEC5					Y
Emporia Energy Center	Kansas	56502	EEC6					Y
Emporia Energy Center	Kansas	56502	EEC7					Y
Fort Dodge aka Judson Large	Kansas	1233	4					Y
Garden City	Kansas	1336	S-2					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Wheatland Generating Facility LLC	Indiana	55224	EU-01	Y		Y		
Wheatland Generating Facility LLC	Indiana	55224	EU-02	Y		Y		
Wheatland Generating Facility LLC	Indiana	55224	EU-03	Y		Y		
Wheatland Generating Facility LLC	Indiana	55224	EU-04	Y		Y		
Whitewater Valley	Indiana	1040	1	Y		Y		
Whitewater Valley	Indiana	1040	2	Y		Y		
Whiting Clean Energy, Inc.	Indiana	55259	CT1	Y		Y		
Whiting Clean Energy, Inc.	Indiana	55259	CT2	Y		Y		
Worthington Generation	Indiana	55148	1	Y		Y		
Worthington Generation	Indiana	55148	2	Y		Y		
Worthington Generation	Indiana	55148	3	Y		Y		
Worthington Generation	Indiana	55148	4	Y		Y		
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1		Y		Y	
Chanute 2	Kansas	1268	14		Y			
Cimarron River	Kansas	1230	1		Y			
Clifton	Kansas	8037	T1		Y		Y	
Coffeyville	Kansas	1271	4		Y			
East 12th Street	Kansas	7013	4		Y			
Emporia Energy Center	Kansas	56502	EEC1		Y			
Emporia Energy Center	Kansas	56502	EEC2		Y			
Emporia Energy Center	Kansas	56502	EEC3		Y			
Emporia Energy Center	Kansas	56502	EEC4		Y			
Emporia Energy Center	Kansas	56502	EEC5		Y			
Emporia Energy Center	Kansas	56502	EEC6		Y			
Emporia Energy Center	Kansas	56502	EEC7		Y			
Fort Dodge aka Judson Large	Kansas	1233	4		Y			
Garden City	Kansas	1336	S-2		Y			

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Garden City	Kansas	1336	S4		109,121	84,047	92,408	48,786	49,205
Garden City	Kansas	1336	S5		109,121	84,047	92,408	48,786	49,205
Gordon Evans Energy Center	Kansas	1240	1	814	1,298,075	1,373,088	2,403,519	2,207,333	1,760,537
Gordon Evans Energy Center	Kansas	1240	2	815	3,487,164	4,679,748	3,588,629	5,053,192	4,189,215
Gordon Evans Energy Center	Kansas	1240	E1CT	816	207,211	165,951	124,893	42,628	94,533
Gordon Evans Energy Center	Kansas	1240	E2CT	817	205,152	166,748	116,585	32,560	98,980
Gordon Evans Energy Center	Kansas	1240	E3CT	818	631,024	475,061	561,400	382,962	825,045
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	811	1,236,687	1,875,673	1,517,258	1,800,150	1,212,809
Holcomb	Kansas	108	SGU1	60	24,744,298	30,066,294	29,583,134	27,579,164	27,740,634
Hutchinson Energy Center	Kansas	1248	4	831	1,220,708	1,723,879	3,045,011	1,844,328	1,788,543
Hutchinson Energy Center	Kansas	1248	GT1					5,389	8,454
Hutchinson Energy Center	Kansas	1248	GT2					5,389	8,454
Hutchinson Energy Center	Kansas	1248	GT3					5,389	8,454
Hutchinson Energy Center	Kansas	1248	GT4					5,389	8,454
Jeffrey Energy Center	Kansas	6068	1	2734	51,567,299	60,473,764	44,589,719	46,602,394	55,008,766
Jeffrey Energy Center	Kansas	6068	2	2735	49,751,335	54,594,885	56,216,253	45,729,903	50,889,324
Jeffrey Energy Center	Kansas	6068	3	2736	56,967,585	49,135,584	46,143,491	50,854,400	46,324,599
La Cygne	Kansas	1241	1	819	55,396,296	53,949,525	47,691,806	50,302,481	46,054,951
La Cygne	Kansas	1241	2	820	44,750,590	54,818,848	52,875,676	45,371,504	49,305,668
Lawrence Energy Center	Kansas	1250	3	833	4,070,468	4,977,084	5,032,416	3,844,956	4,430,654
Lawrence Energy Center	Kansas	1250	4	834	8,974,308	10,561,984	8,209,363	8,658,429	6,967,594
Lawrence Energy Center	Kansas	1250	5	835	27,718,758	26,577,311	29,093,933	23,456,492	25,757,103
McPherson 2	Kansas	1305	GT1		44,724	24,179	6,695	17,947	6,235
McPherson 2	Kansas	1305	GT2		43,983	23,778	6,584	17,947	6,235
McPherson 2	Kansas	1305	GT3		43,983	23,778	6,584	17,947	6,235
McPherson 3	Kansas	7515	1	3124	243,086	379,772	139,713	119,512	47,236
Murray Gill Energy Center	Kansas	1242	1	821	89,982	70,726	79,703	67,108	147,674

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Garden City	Kansas	1336	S4	95,192	427,324,730	0.000223	40,697	40,697
Garden City	Kansas	1336	S5	95,192	427,324,730	0.000223	40,697	40,697
Gordon Evans Energy Center	Kansas	1240	1	2,123,796	427,324,730	0.004970	40,697	40,697
Gordon Evans Energy Center	Kansas	1240	2	4,640,718	427,324,730	0.010860	40,697	40,697
Gordon Evans Energy Center	Kansas	1240	E1CT	166,018	427,324,730	0.000389	40,697	40,697
Gordon Evans Energy Center	Kansas	1240	E2CT	162,828	427,324,730	0.000381	40,697	40,697
Gordon Evans Energy Center	Kansas	1240	E3CT	672,490	427,324,730	0.001574	40,697	40,697
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	1,731,027	427,324,730	0.004051	40,697	40,697
Holcomb	Kansas	108	SGU1	29,130,021	427,324,730	0.068168	40,697	40,697
Hutchinson Energy Center	Kansas	1248	4	2,225,961	427,324,730	0.005209	40,697	40,697
Hutchinson Energy Center	Kansas	1248	GT1	6,921	427,324,730	0.000016	40,697	40,697
Hutchinson Energy Center	Kansas	1248	GT2	6,921	427,324,730	0.000016	40,697	40,697
Hutchinson Energy Center	Kansas	1248	GT3	6,921	427,324,730	0.000016	40,697	40,697
Hutchinson Energy Center	Kansas	1248	GT4	6,921	427,324,730	0.000016	40,697	40,697
Jeffrey Energy Center	Kansas	6068	1	55,683,277	427,324,730	0.130307	40,697	40,697
Jeffrey Energy Center	Kansas	6068	2	53,900,154	427,324,730	0.126134	40,697	40,697
Jeffrey Energy Center	Kansas	6068	3	52,319,190	427,324,730	0.122434	40,697	40,697
La Cygne	Kansas	1241	1	53,216,100	427,324,730	0.124533	40,697	40,697
La Cygne	Kansas	1241	2	52,333,397	427,324,730	0.122468	40,697	40,697
Lawrence Energy Center	Kansas	1250	3	4,813,385	427,324,730	0.011264	40,697	40,697
Lawrence Energy Center	Kansas	1250	4	9,398,240	427,324,730	0.021993	40,697	40,697
Lawrence Energy Center	Kansas	1250	5	27,796,667	427,324,730	0.065048	40,697	40,697
McPherson 2	Kansas	1305	GT1	28,950	427,324,730	0.000068	40,697	40,697
McPherson 2	Kansas	1305	GT2	28,569	427,324,730	0.000067	40,697	40,697
McPherson 2	Kansas	1305	GT3	28,569	427,324,730	0.000067	40,697	40,697
McPherson 3	Kansas	7515	1	254,191	427,324,730	0.000595	40,697	40,697
Murray Gill Energy Center	Kansas	1242	1	105,786	427,324,730	0.000248	40,697	40,697

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Garden City	Kansas	1336	S4	30,100	25,049	9	9	7	6
Garden City	Kansas	1336	S5	30,100	25,049	9	9	7	6
Gordon Evans Energy Center	Kansas	1240	1	30,100	25,049	202	202	150	124
Gordon Evans Energy Center	Kansas	1240	2	30,100	25,049	442	442	327	272
Gordon Evans Energy Center	Kansas	1240	E1CT	30,100	25,049	16	16	12	10
Gordon Evans Energy Center	Kansas	1240	E2CT	30,100	25,049	16	16	11	10
Gordon Evans Energy Center	Kansas	1240	E3CT	30,100	25,049	64	64	47	39
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	30,100	25,049	165	165	122	101
Holcomb	Kansas	108	SGU1	30,100	25,049	2,774	2,774	2,052	1,708
Hutchinson Energy Center	Kansas	1248	4	30,100	25,049	212	212	157	130
Hutchinson Energy Center	Kansas	1248	GT1	30,100	25,049	1	1	0	0
Hutchinson Energy Center	Kansas	1248	GT2	30,100	25,049	1	1	0	0
Hutchinson Energy Center	Kansas	1248	GT3	30,100	25,049	1	1	0	0
Hutchinson Energy Center	Kansas	1248	GT4	30,100	25,049	1	1	0	0
Jeffrey Energy Center	Kansas	6068	1	30,100	25,049	5,303	5,303	3,922	3,264
Jeffrey Energy Center	Kansas	6068	2	30,100	25,049	5,133	5,133	3,797	3,160
Jeffrey Energy Center	Kansas	6068	3	30,100	25,049	4,983	4,983	3,685	3,067
La Cygne	Kansas	1241	1	30,100	25,049	5,068	5,068	3,748	3,119
La Cygne	Kansas	1241	2	30,100	25,049	4,984	4,984	3,686	3,068
Lawrence Energy Center	Kansas	1250	3	30,100	25,049	458	458	339	282
Lawrence Energy Center	Kansas	1250	4	30,100	25,049	895	895	662	551
Lawrence Energy Center	Kansas	1250	5	30,100	25,049	2,647	2,647	1,958	1,629
McPherson 2	Kansas	1305	GT1	30,100	25,049	3	3	2	2
McPherson 2	Kansas	1305	GT2	30,100	25,049	3	3	2	2
McPherson 2	Kansas	1305	GT3	30,100	25,049	3	3	2	2
McPherson 3	Kansas	7515	1	30,100	25,049	24	24	18	15
Murray Gill Energy Center	Kansas	1242	1	30,100	25,049	10	10	7	6

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Garden City	Kansas	1336	S4			0		0	
Garden City	Kansas	1336	S5			0		0	
Gordon Evans Energy Center	Kansas	1240	1	1,186	1,428	2,464	0	0	1
Gordon Evans Energy Center	Kansas	1240	2	3,775	3,410	3,874	1	1	1
Gordon Evans Energy Center	Kansas	1240	E1CT	0	0	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	E2CT	0	0	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	E3CT	0	0	0	0	0	0
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	0	0	0	0	1	0
Holcomb	Kansas	108	SGU1	2,228	2,131	1,772	1,154	1,076	1,956
Hutchinson Energy Center	Kansas	1248	4	2,130	1,856	1,847	0	1	1
Hutchinson Energy Center	Kansas	1248	GT1		0	0		0	
Hutchinson Energy Center	Kansas	1248	GT2		0	0		0	
Hutchinson Energy Center	Kansas	1248	GT3		0	0		0	
Hutchinson Energy Center	Kansas	1248	GT4		1	0		0	
Jeffrey Energy Center	Kansas	6068	1	21,605	20,965	23,744	21,188	24,763	8,620
Jeffrey Energy Center	Kansas	6068	2	23,594	20,561	25,525	20,260	21,582	21,880
Jeffrey Energy Center	Kansas	6068	3	22,412	18,454	20,295	23,035	19,428	17,434
La Cygne	Kansas	1241	1	11,248	6,495	6,650	7,566	4,854	4,336
La Cygne	Kansas	1241	2	20,606	20,694	20,974	14,855	18,201	19,037
Lawrence Energy Center	Kansas	1250	3	1,855	1,583	1,456	1,101	1,258	1,281
Lawrence Energy Center	Kansas	1250	4	619	439	475	296	275	197
Lawrence Energy Center	Kansas	1250	5	4,028	2,003	1,830	1,216	1,005	1,226
McPherson 2	Kansas	1305	GT1			0		0	
McPherson 2	Kansas	1305	GT2			0		0	
McPherson 2	Kansas	1305	GT3			0		0	
McPherson 3	Kansas	7515	1	0	0	0	0	0	0
Murray Gill Energy Center	Kansas	1242	1	0		0	0	0	0

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Garden City	Kansas	1336	S4			0			
Garden City	Kansas	1336	S5			0			
Gordon Evans Energy Center	Kansas	1240	1	1	1	2,464			
Gordon Evans Energy Center	Kansas	1240	2	2	1	3,874			
Gordon Evans Energy Center	Kansas	1240	E1CT	0	0	0			
Gordon Evans Energy Center	Kansas	1240	E2CT	0	0	0			
Gordon Evans Energy Center	Kansas	1240	E3CT	0	0	0			
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	1	0	1			
Holcomb	Kansas	108	SGU1	1,948	1,711	2,228			
Hutchinson Energy Center	Kansas	1248	4	1	1	2,130			
Hutchinson Energy Center	Kansas	1248	GT1			0			
Hutchinson Energy Center	Kansas	1248	GT2			0			
Hutchinson Energy Center	Kansas	1248	GT3			0			
Hutchinson Energy Center	Kansas	1248	GT4			1			
Jeffrey Energy Center	Kansas	6068	1	653	517	24,763	2,270	2,270	2,270
Jeffrey Energy Center	Kansas	6068	2	4,093	338	25,525	2,197	2,197	2,197
Jeffrey Energy Center	Kansas	6068	3	1,287	358	23,035	2,133	2,133	2,133
La Cygne	Kansas	1241	1	5,086	3,802	11,248			
La Cygne	Kansas	1241	2	16,243	16,698	20,974			
Lawrence Energy Center	Kansas	1250	3	1,162	1,379	1,855			
Lawrence Energy Center	Kansas	1250	4	260	217	619			
Lawrence Energy Center	Kansas	1250	5	1,350	1,595	4,028			
McPherson 2	Kansas	1305	GT1			0			
McPherson 2	Kansas	1305	GT2			0			
McPherson 2	Kansas	1305	GT3			0			
McPherson 3	Kansas	7515	1	0	0	0			
Murray Gill Energy Center	Kansas	1242	1	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Garden City	Kansas	1336	S4					5	4
Garden City	Kansas	1336	S5					5	4
Gordon Evans Energy Center	Kansas	1240	1				322	385	465
Gordon Evans Energy Center	Kansas	1240	2				2,044	1,330	1,473
Gordon Evans Energy Center	Kansas	1240	E1CT				4	2	2
Gordon Evans Energy Center	Kansas	1240	E2CT				5	3	3
Gordon Evans Energy Center	Kansas	1240	E3CT				6	2	4
Great Bend Station aka Arthur Mullergren	Kansas	1235	3				128	100	190
Holcomb	Kansas	108	SGU1				4,036	4,384	4,533
Hutchinson Energy Center	Kansas	1248	4				370	287	298
Hutchinson Energy Center	Kansas	1248	GT1					3	2
Hutchinson Energy Center	Kansas	1248	GT2					3	2
Hutchinson Energy Center	Kansas	1248	GT3					3	2
Hutchinson Energy Center	Kansas	1248	GT4					3	2
Jeffrey Energy Center	Kansas	6068	1	2,270	2,270	2,270	9,420	9,413	10,978
Jeffrey Energy Center	Kansas	6068	2	2,197	2,197	2,197	9,867	8,301	10,715
Jeffrey Energy Center	Kansas	6068	3	2,133	2,133	2,133	11,419	10,532	10,882
La Cygne	Kansas	1241	1				28,694	28,891	20,983
La Cygne	Kansas	1241	2				9,340	10,287	9,321
Lawrence Energy Center	Kansas	1250	3				668	795	722
Lawrence Energy Center	Kansas	1250	4				1,775	1,821	1,832
Lawrence Energy Center	Kansas	1250	5				3,196	3,255	2,598
McPherson 2	Kansas	1305	GT1					1	1
McPherson 2	Kansas	1305	GT2					1	1
McPherson 2	Kansas	1305	GT3					1	1
McPherson 3	Kansas	7515	1				8	12	11
Murray Gill Energy Center	Kansas	1242	1				7		2

Plant Name	State	ORIS ID	Boiler ID	Step 7					Annual NO _x Maximum Historic Baseline (tons)
				2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Highest value of columns AK - AR
Calculation									
Garden City	Kansas	1336	S4		12				12
Garden City	Kansas	1336	S5		12				12
Gordon Evans Energy Center	Kansas	1240	1	203	129	233	223	179	465
Gordon Evans Energy Center	Kansas	1240	2	982	908	615	809	636	2,044
Gordon Evans Energy Center	Kansas	1240	E1CT	3	2	2	1	2	4
Gordon Evans Energy Center	Kansas	1240	E2CT	4	3	2	1	3	5
Gordon Evans Energy Center	Kansas	1240	E3CT	11	8	10	5	12	12
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	161	240	164	151	107	240
Holcomb	Kansas	108	SGU1	3,926	4,704	4,542	4,355	4,234	4,704
Hutchinson Energy Center	Kansas	1248	4	168	234	381	204	178	381
Hutchinson Energy Center	Kansas	1248	GT1		8				8
Hutchinson Energy Center	Kansas	1248	GT2		8				8
Hutchinson Energy Center	Kansas	1248	GT3		8				8
Hutchinson Energy Center	Kansas	1248	GT4		9				9
Jeffrey Energy Center	Kansas	6068	1	9,328	12,824	5,161	4,688	4,564	12,824
Jeffrey Energy Center	Kansas	6068	2	8,969	10,094	10,405	8,106	9,462	10,715
Jeffrey Energy Center	Kansas	6068	3	4,351	3,939	4,253	4,416	4,322	11,419
La Cygne	Kansas	1241	1	26,415	9,665	2,756	2,652	2,047	28,891
La Cygne	Kansas	1241	2	7,096	8,562	8,274	7,052	7,541	10,287
Lawrence Energy Center	Kansas	1250	3	504	564	696	546	655	795
Lawrence Energy Center	Kansas	1250	4	1,646	1,764	1,271	1,347	1,129	1,832
Lawrence Energy Center	Kansas	1250	5	2,521	2,318	2,348	2,108	2,503	3,255
McPherson 2	Kansas	1305	GT1		3				3
McPherson 2	Kansas	1305	GT2		3				3
McPherson 2	Kansas	1305	GT3		3				3
McPherson 3	Kansas	7515	1	20	32	11	9	4	32
Murray Gill Energy Center	Kansas	1242	1	10	3	7	7	14	14

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Garden City	Kansas	1336	S4						
Garden City	Kansas	1336	S5						
Gordon Evans Energy Center	Kansas	1240	1						
Gordon Evans Energy Center	Kansas	1240	2						
Gordon Evans Energy Center	Kansas	1240	E1CT						
Gordon Evans Energy Center	Kansas	1240	E2CT						
Gordon Evans Energy Center	Kansas	1240	E3CT						
Great Bend Station aka Arthur Mullergren	Kansas	1235	3						
Holcomb	Kansas	108	SGU1						
Hutchinson Energy Center	Kansas	1248	4						
Hutchinson Energy Center	Kansas	1248	GT1						
Hutchinson Energy Center	Kansas	1248	GT2						
Hutchinson Energy Center	Kansas	1248	GT3						
Hutchinson Energy Center	Kansas	1248	GT4						
Jeffrey Energy Center	Kansas	6068	1						3,302
Jeffrey Energy Center	Kansas	6068	2						3,196
Jeffrey Energy Center	Kansas	6068	3						3,102
La Cygne	Kansas	1241	1						
La Cygne	Kansas	1241	2						
Lawrence Energy Center	Kansas	1250	3						
Lawrence Energy Center	Kansas	1250	4						
Lawrence Energy Center	Kansas	1250	5						
McPherson 2	Kansas	1305	GT1						
McPherson 2	Kansas	1305	GT2						
McPherson 2	Kansas	1305	GT3						
McPherson 3	Kansas	7515	1						
Murray Gill Energy Center	Kansas	1242	1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Garden City	Kansas	1336	S4	0	0	0	0
Garden City	Kansas	1336	S5	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	1	321	321	321	321
Gordon Evans Energy Center	Kansas	1240	2	701	701	701	701
Gordon Evans Energy Center	Kansas	1240	E1CT	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	E2CT	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	E3CT	0	0	0	0
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	1	1	1	1
Holcomb	Kansas	108	SGU1	2,228	2,228	2,228	2,228
Hutchinson Energy Center	Kansas	1248	4	336	336	336	336
Hutchinson Energy Center	Kansas	1248	GT1	0	0	0	0
Hutchinson Energy Center	Kansas	1248	GT2	0	0	0	0
Hutchinson Energy Center	Kansas	1248	GT3	0	0	0	0
Hutchinson Energy Center	Kansas	1248	GT4	1	1	1	1
Jeffrey Energy Center	Kansas	6068	1	2,270	2,270	2,270	2,270
Jeffrey Energy Center	Kansas	6068	2	2,197	2,197	2,197	2,197
Jeffrey Energy Center	Kansas	6068	3	2,133	2,133	2,133	2,133
La Cygne	Kansas	1241	1	8,041	8,041	8,041	8,041
La Cygne	Kansas	1241	2	7,908	7,908	7,908	7,908
Lawrence Energy Center	Kansas	1250	3	727	727	727	727
Lawrence Energy Center	Kansas	1250	4	619	619	619	619
Lawrence Energy Center	Kansas	1250	5	4,028	4,028	4,028	4,028
McPherson 2	Kansas	1305	GT1	0	0	0	0
McPherson 2	Kansas	1305	GT2	0	0	0	0
McPherson 2	Kansas	1305	GT3	0	0	0	0
McPherson 3	Kansas	7515	1	0	0	0	0
Murray Gill Energy Center	Kansas	1242	1	0	0	0	0

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Garden City	Kansas	1336	S4	0	0		
Garden City	Kansas	1336	S5	0	0		
Gordon Evans Energy Center	Kansas	1240	1	321	321		
Gordon Evans Energy Center	Kansas	1240	2	701	701		
Gordon Evans Energy Center	Kansas	1240	E1CT	0	0		
Gordon Evans Energy Center	Kansas	1240	E2CT	0	0		
Gordon Evans Energy Center	Kansas	1240	E3CT	0	0		
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	1	1		
Holcomb	Kansas	108	SGU1	2,228	2,228		
Hutchinson Energy Center	Kansas	1248	4	336	336		
Hutchinson Energy Center	Kansas	1248	GT1	0	0		
Hutchinson Energy Center	Kansas	1248	GT2	0	0		
Hutchinson Energy Center	Kansas	1248	GT3	0	0		
Hutchinson Energy Center	Kansas	1248	GT4	1	1		
Jeffrey Energy Center	Kansas	6068	1	2,270	2,270		
Jeffrey Energy Center	Kansas	6068	2	2,197	2,197		
Jeffrey Energy Center	Kansas	6068	3	2,133	2,133		
La Cygne	Kansas	1241	1	8,041	8,041		
La Cygne	Kansas	1241	2	7,908	7,908		
Lawrence Energy Center	Kansas	1250	3	727	727		
Lawrence Energy Center	Kansas	1250	4	619	619		
Lawrence Energy Center	Kansas	1250	5	4,028	4,028		
McPherson 2	Kansas	1305	GT1	0	0		
McPherson 2	Kansas	1305	GT2	0	0		
McPherson 2	Kansas	1305	GT3	0	0		
McPherson 3	Kansas	7515	1	0	0		
Murray Gill Energy Center	Kansas	1242	1	0	0		

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Garden City	Kansas	1336	S4				6
Garden City	Kansas	1336	S5				6
Gordon Evans Energy Center	Kansas	1240	1				126
Gordon Evans Energy Center	Kansas	1240	2				275
Gordon Evans Energy Center	Kansas	1240	E1CT				4
Gordon Evans Energy Center	Kansas	1240	E2CT				5
Gordon Evans Energy Center	Kansas	1240	E3CT				12
Great Bend Station aka Arthur Mullergren	Kansas	1235	3				102
Holcomb	Kansas	108	SGU1				1,724
Hutchinson Energy Center	Kansas	1248	4				132
Hutchinson Energy Center	Kansas	1248	GT1				0
Hutchinson Energy Center	Kansas	1248	GT2				0
Hutchinson Energy Center	Kansas	1248	GT3				0
Hutchinson Energy Center	Kansas	1248	GT4				0
Jeffrey Energy Center	Kansas	6068	1				3,295
Jeffrey Energy Center	Kansas	6068	2				3,189
Jeffrey Energy Center	Kansas	6068	3				3,096
La Cygne	Kansas	1241	1				3,149
La Cygne	Kansas	1241	2				3,097
Lawrence Energy Center	Kansas	1250	3				285
Lawrence Energy Center	Kansas	1250	4				556
Lawrence Energy Center	Kansas	1250	5				1,645
McPherson 2	Kansas	1305	GT1				2
McPherson 2	Kansas	1305	GT2				2
McPherson 2	Kansas	1305	GT3				2
McPherson 3	Kansas	7515	1				15
Murray Gill Energy Center	Kansas	1242	1				6

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Garden City	Kansas	1336	S4	65,509	67,168	73,564	29,283	41,037	68,747
Garden City	Kansas	1336	S5	65,509	67,168	73,564	29,283	41,037	68,747
Gordon Evans Energy Center	Kansas	1240	1	1,187,791	1,156,702	1,316,810	1,285,904	1,019,708	1,263,501
Gordon Evans Energy Center	Kansas	1240	2	2,928,606	3,786,804	2,094,338	2,819,024	2,819,830	3,178,413
Gordon Evans Energy Center	Kansas	1240	E1CT	170,008	126,508	46,028	24,602	81,084	125,867
Gordon Evans Energy Center	Kansas	1240	E2CT	176,450	116,533	44,595	20,120	88,049	127,010
Gordon Evans Energy Center	Kansas	1240	E3CT	503,404	399,168	148,021	270,235	680,476	527,683
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	1,184,978	1,506,001	1,153,854	1,306,306	1,042,732	1,332,428
Holcomb	Kansas	108	SGU1	11,981,824	12,775,921	12,258,289	11,169,660	12,031,256	12,355,156
Hutchinson Energy Center	Kansas	1248	4	1,088,358	1,559,510	1,849,594	1,156,735	1,087,467	1,521,946
Hutchinson Energy Center	Kansas	1248	GT1				3,637	7,397	5,517
Hutchinson Energy Center	Kansas	1248	GT2				3,637	7,397	5,517
Hutchinson Energy Center	Kansas	1248	GT3				3,637	7,397	5,517
Hutchinson Energy Center	Kansas	1248	GT4				3,637	7,397	5,517
Jeffrey Energy Center	Kansas	6068	1	21,971,197	24,933,252	20,207,839	20,159,371	22,427,706	23,110,718
Jeffrey Energy Center	Kansas	6068	2	23,291,798	24,901,607	22,573,568	22,600,986	20,809,135	23,598,130
Jeffrey Energy Center	Kansas	6068	3	24,798,995	19,790,896	21,637,895	19,266,523	21,504,236	22,647,042
La Cygne	Kansas	1241	1	23,134,635	25,558,801	18,059,005	20,419,791	23,307,999	24,000,478
La Cygne	Kansas	1241	2	22,300,796	22,599,510	23,584,466	18,840,466	23,636,529	23,273,502
Lawrence Energy Center	Kansas	1250	3	1,683,876	2,278,218	2,164,201	1,993,162	1,907,954	2,145,194
Lawrence Energy Center	Kansas	1250	4	3,567,423	4,484,848	3,195,594	3,587,758	3,675,481	3,916,029
Lawrence Energy Center	Kansas	1250	5	12,845,138	10,124,221	12,164,640	9,709,308	10,475,648	11,828,475
McPherson 2	Kansas	1305	GT1	41,778	22,525	5,738	17,627	4,732	27,310
McPherson 2	Kansas	1305	GT2	41,086	22,152	5,643	17,627	4,732	26,955
McPherson 2	Kansas	1305	GT3	41,086	22,152	5,643	17,627	4,732	26,955
McPherson 3	Kansas	7515	1	162,521	288,808	98,991	110,327	34,350	187,219
Murray Gill Energy Center	Kansas	1242	1	89,982	70,726	66,306	67,108	147,674	102,794

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Garden City	Kansas	1336	S4	192,470,408	0.000357				
Garden City	Kansas	1336	S5	192,470,408	0.000357				
Gordon Evans Energy Center	Kansas	1240	1	192,470,408	0.006565				
Gordon Evans Energy Center	Kansas	1240	2	192,470,408	0.016514				
Gordon Evans Energy Center	Kansas	1240	E1CT	192,470,408	0.000654				
Gordon Evans Energy Center	Kansas	1240	E2CT	192,470,408	0.000660				
Gordon Evans Energy Center	Kansas	1240	E3CT	192,470,408	0.002742				
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	192,470,408	0.006923				
Holcomb	Kansas	108	SGU1	192,470,408	0.064192				
Hutchinson Energy Center	Kansas	1248	4	192,470,408	0.007907				
Hutchinson Energy Center	Kansas	1248	GT1	192,470,408	0.000029				
Hutchinson Energy Center	Kansas	1248	GT2	192,470,408	0.000029				
Hutchinson Energy Center	Kansas	1248	GT3	192,470,408	0.000029				
Hutchinson Energy Center	Kansas	1248	GT4	192,470,408	0.000029				
Jeffrey Energy Center	Kansas	6068	1	192,470,408	0.120074				
Jeffrey Energy Center	Kansas	6068	2	192,470,408	0.122607				
Jeffrey Energy Center	Kansas	6068	3	192,470,408	0.117665				
La Cygne	Kansas	1241	1	192,470,408	0.124697				
La Cygne	Kansas	1241	2	192,470,408	0.120920				
Lawrence Energy Center	Kansas	1250	3	192,470,408	0.011146				
Lawrence Energy Center	Kansas	1250	4	192,470,408	0.020346				
Lawrence Energy Center	Kansas	1250	5	192,470,408	0.061456				
McPherson 2	Kansas	1305	GT1	192,470,408	0.000142				
McPherson 2	Kansas	1305	GT2	192,470,408	0.000140				
McPherson 2	Kansas	1305	GT3	192,470,408	0.000140				
McPherson 3	Kansas	7515	1	192,470,408	0.000973				
Murray Gill Energy Center	Kansas	1242	1	192,470,408	0.000534				

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Garden City	Kansas	1336	S4		2	4		9	
Garden City	Kansas	1336	S5		2	4		9	
Gordon Evans Energy Center	Kansas	1240	1	190	206	203	186	109	123
Gordon Evans Energy Center	Kansas	1240	2	1,161	728	978	847	757	397
Gordon Evans Energy Center	Kansas	1240	E1CT	2	1	2	2	2	1
Gordon Evans Energy Center	Kansas	1240	E2CT	3	2	2	3	2	1
Gordon Evans Energy Center	Kansas	1240	E3CT	5	2	3	8	6	3
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	122	100	187	154	193	126
Holcomb	Kansas	108	SGU1	1,686	1,810	1,887	1,900	1,956	1,832
Hutchinson Energy Center	Kansas	1248	4	219	165	179	151	218	233
Hutchinson Energy Center	Kansas	1248	GT1		1	1		2	
Hutchinson Energy Center	Kansas	1248	GT2		1	1		2	
Hutchinson Energy Center	Kansas	1248	GT3		1	1		2	
Hutchinson Energy Center	Kansas	1248	GT4		1	1		2	
Jeffrey Energy Center	Kansas	6068	1	3,985	4,143	3,890	3,639	4,980	1,664
Jeffrey Energy Center	Kansas	6068	2	3,779	3,437	4,300	4,074	4,586	4,029
Jeffrey Energy Center	Kansas	6068	3	3,775	4,311	5,306	1,903	1,533	2,040
La Cygne	Kansas	1241	1	13,076	11,888	11,065	10,812	2,421	984
La Cygne	Kansas	1241	2	3,492	4,264	3,966	3,503	3,461	3,830
Lawrence Energy Center	Kansas	1250	3	278	331	339	181	244	302
Lawrence Energy Center	Kansas	1250	4	718	777	742	550	755	497
Lawrence Energy Center	Kansas	1250	5	1,502	1,432	1,195	1,186	946	991
McPherson 2	Kansas	1305	GT1		1	1		3	
McPherson 2	Kansas	1305	GT2		1	1		3	
McPherson 2	Kansas	1305	GT3		1	1		3	
McPherson 3	Kansas	7515	1	8	7	10	13	25	8
Murray Gill Energy Center	Kansas	1242	1	7		2	10	3	6

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Garden City	Kansas	1336	S4			9			
Garden City	Kansas	1336	S5			9			
Gordon Evans Energy Center	Kansas	1240	1	134	107	206			
Gordon Evans Energy Center	Kansas	1240	2	477	443	1,161			
Gordon Evans Energy Center	Kansas	1240	E1CT	0	1	2			
Gordon Evans Energy Center	Kansas	1240	E2CT	0	1	3			
Gordon Evans Energy Center	Kansas	1240	E3CT	4	9	9			
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	112	94	193			
Holcomb	Kansas	108	SGU1	1,779	1,844	1,956			
Hutchinson Energy Center	Kansas	1248	4	125	113	233			
Hutchinson Energy Center	Kansas	1248	GT1			2			
Hutchinson Energy Center	Kansas	1248	GT2			2			
Hutchinson Energy Center	Kansas	1248	GT3			2			
Hutchinson Energy Center	Kansas	1248	GT4			2			
Jeffrey Energy Center	Kansas	6068	1	1,664	1,835	4,980			
Jeffrey Energy Center	Kansas	6068	2	3,946	3,861	4,586			
Jeffrey Energy Center	Kansas	6068	3	1,623	1,993	5,306			
La Cygne	Kansas	1241	1	869	1,135	13,076			
La Cygne	Kansas	1241	2	2,811	3,784	4,264			
Lawrence Energy Center	Kansas	1250	3	285	284	339			
Lawrence Energy Center	Kansas	1250	4	562	601	777			
Lawrence Energy Center	Kansas	1250	5	918	1,065	1,502			
McPherson 2	Kansas	1305	GT1			3			
McPherson 2	Kansas	1305	GT2			3			
McPherson 2	Kansas	1305	GT3			3			
McPherson 3	Kansas	7515	1	8	3	25			
Murray Gill Energy Center	Kansas	1242	1	7	14	14			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Garden City	Kansas	1336	S4					
Garden City	Kansas	1336	S5					
Gordon Evans Energy Center	Kansas	1240	1					
Gordon Evans Energy Center	Kansas	1240	2					
Gordon Evans Energy Center	Kansas	1240	E1CT					
Gordon Evans Energy Center	Kansas	1240	E2CT					
Gordon Evans Energy Center	Kansas	1240	E3CT					
Great Bend Station aka Arthur Mullergren	Kansas	1235	3					
Holcomb	Kansas	108	SGU1					
Hutchinson Energy Center	Kansas	1248	4					
Hutchinson Energy Center	Kansas	1248	GT1					
Hutchinson Energy Center	Kansas	1248	GT2					
Hutchinson Energy Center	Kansas	1248	GT3					
Hutchinson Energy Center	Kansas	1248	GT4					
Jeffrey Energy Center	Kansas	6068	1			3,302		
Jeffrey Energy Center	Kansas	6068	2			3,196		
Jeffrey Energy Center	Kansas	6068	3			3,102		
La Cygne	Kansas	1241	1					
La Cygne	Kansas	1241	2					
Lawrence Energy Center	Kansas	1250	3					
Lawrence Energy Center	Kansas	1250	4					
Lawrence Energy Center	Kansas	1250	5					
McPherson 2	Kansas	1305	GT1					
McPherson 2	Kansas	1305	GT2					
McPherson 2	Kansas	1305	GT3					
McPherson 3	Kansas	7515	1					
Murray Gill Energy Center	Kansas	1242	1					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Garden City	Kansas	1336	S4					Y
Garden City	Kansas	1336	S5					Y
Gordon Evans Energy Center	Kansas	1240	1					Y
Gordon Evans Energy Center	Kansas	1240	2					Y
Gordon Evans Energy Center	Kansas	1240	E1CT					Y
Gordon Evans Energy Center	Kansas	1240	E2CT					Y
Gordon Evans Energy Center	Kansas	1240	E3CT					Y
Great Bend Station aka Arthur Mullergren	Kansas	1235	3					Y
Holcomb	Kansas	108	SGU1					Y
Hutchinson Energy Center	Kansas	1248	4					Y
Hutchinson Energy Center	Kansas	1248	GT1					Y
Hutchinson Energy Center	Kansas	1248	GT2					Y
Hutchinson Energy Center	Kansas	1248	GT3					Y
Hutchinson Energy Center	Kansas	1248	GT4					Y
Jeffrey Energy Center	Kansas	6068	1					Y
Jeffrey Energy Center	Kansas	6068	2					Y
Jeffrey Energy Center	Kansas	6068	3					Y
La Cygne	Kansas	1241	1					Y
La Cygne	Kansas	1241	2					Y
Lawrence Energy Center	Kansas	1250	3					Y
Lawrence Energy Center	Kansas	1250	4					Y
Lawrence Energy Center	Kansas	1250	5					Y
McPherson 2	Kansas	1305	GT1					Y
McPherson 2	Kansas	1305	GT2					Y
McPherson 2	Kansas	1305	GT3					Y
McPherson 3	Kansas	7515	1					Y
Murray Gill Energy Center	Kansas	1242	1					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Garden City	Kansas	1336	S4		Y		Y	
Garden City	Kansas	1336	S5		Y		Y	
Gordon Evans Energy Center	Kansas	1240	1		Y			
Gordon Evans Energy Center	Kansas	1240	2		Y			
Gordon Evans Energy Center	Kansas	1240	E1CT		Y			
Gordon Evans Energy Center	Kansas	1240	E2CT		Y			
Gordon Evans Energy Center	Kansas	1240	E3CT		Y			
Great Bend Station aka Arthur Mullergren	Kansas	1235	3		Y			
Holcomb	Kansas	108	SGU1		Y			
Hutchinson Energy Center	Kansas	1248	4		Y			
Hutchinson Energy Center	Kansas	1248	GT1		Y		Y	
Hutchinson Energy Center	Kansas	1248	GT2		Y		Y	
Hutchinson Energy Center	Kansas	1248	GT3		Y		Y	
Hutchinson Energy Center	Kansas	1248	GT4		Y		Y	
Jeffrey Energy Center	Kansas	6068	1		Y			
Jeffrey Energy Center	Kansas	6068	2		Y			
Jeffrey Energy Center	Kansas	6068	3		Y			
La Cygne	Kansas	1241	1		Y			
La Cygne	Kansas	1241	2		Y			
Lawrence Energy Center	Kansas	1250	3		Y			
Lawrence Energy Center	Kansas	1250	4		Y			
Lawrence Energy Center	Kansas	1250	5		Y			
McPherson 2	Kansas	1305	GT1		Y		Y	
McPherson 2	Kansas	1305	GT2		Y		Y	
McPherson 2	Kansas	1305	GT3		Y		Y	
McPherson 3	Kansas	7515	1		Y			
Murray Gill Energy Center	Kansas	1242	1		Y			

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Murray Gill Energy Center	Kansas	1242	2	822	239,054	183,271	161,929	376,076	261,146
Murray Gill Energy Center	Kansas	1242	3	823	923,746	1,007,906	1,463,479	1,847,021	1,282,944
Murray Gill Energy Center	Kansas	1242	4	824	697,052	866,143	1,269,716	1,130,200	881,516
Nearman Creek	Kansas	6064	CT4	89528	413,118	331,596	186,390	193,987	474,718
Nearman Creek	Kansas	6064	N1	2731	16,608,851	21,182,464	17,920,166	17,390,608	19,171,192
Neosho Energy Center	Kansas	1243	7	825	116,311	113,078	53,993	13,458	
Osawatomie Generating Station	Kansas	7928	1	3383	184,258	129,441	31,341	25,033	25,095
Quindaro	Kansas	1295	1	855	5,801,641	6,207,902	6,530,911	5,609,138	5,654,911
Quindaro	Kansas	1295	2	856	8,157,345	7,985,171	6,607,345	7,537,889	7,437,130
Quindaro	Kansas	1295	GT2		55,254	13,969	6,668	7,711	22,562
Quindaro	Kansas	1295	GT3		55,254	13,969	6,668	7,711	22,562
Riverton	Kansas	1239	12	89715		1,319,480	953,823	1,576,607	2,141,187
Riverton	Kansas	1239	39	812	2,818,629	2,663,584	2,348,352	2,169,583	1,888,605
Riverton	Kansas	1239	40	813	4,692,494	4,428,727	3,711,503	3,806,993	4,113,659
Tecumseh Energy Center	Kansas	1252	10	836	9,530,253	10,482,533	10,917,586	10,225,072	8,480,601
Tecumseh Energy Center	Kansas	1252	9	840	6,088,190	7,256,749	6,049,406	6,245,108	5,731,791
West Gardner Generating Station	Kansas	7929	1	3391	402,683	318,536	298,767	139,054	226,057
West Gardner Generating Station	Kansas	7929	2	3392	404,033	316,159	238,365	135,162	241,154
West Gardner Generating Station	Kansas	7929	3	3393	385,246	311,185	236,067	100,868	263,460
West Gardner Generating Station	Kansas	7929	4	3394	345,649	290,522	166,461	83,061	235,371
Big Sandy	Kentucky	1353	BSU1	872	16,302,291	15,893,425	11,923,886	12,772,254	8,119,646
Big Sandy	Kentucky	1353	BSU2	873	50,269,634	54,058,626	43,043,809	46,726,068	53,458,319
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1	4034	43,578	59,056	596,209	512,251	361,072
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2	4035	43,897	24,332	50,295	80,474	365,773
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3	8446	75,807	41,812	137	15,246	325,470
Cane Run	Kentucky	1363	4	902	10,436,716	12,564,950	10,609,109	10,295,729	9,995,966
Cane Run	Kentucky	1363	5	903	10,850,934	10,664,129	9,105,755	10,259,979	12,259,114

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Murray Gill Energy Center	Kansas	1242	2	292,092	427,324,730	0.000684	40,697	40,697
Murray Gill Energy Center	Kansas	1242	3	1,531,148	427,324,730	0.003583	40,697	40,697
Murray Gill Energy Center	Kansas	1242	4	1,093,811	427,324,730	0.002560	40,697	40,697
Nearman Creek	Kansas	6064	CT4	406,477	427,324,730	0.000951	40,697	40,697
Nearman Creek	Kansas	6064	N1	19,424,607	427,324,730	0.045456	40,697	40,697
Neosho Energy Center	Kansas	1243	7	94,461	427,324,730	0.000221	40,697	40,697
Osawatomie Generating Station	Kansas	7928	1	115,014	427,324,730	0.000269	40,697	40,697
Quindaro	Kansas	1295	1	6,180,151	427,324,730	0.014462	40,697	40,697
Quindaro	Kansas	1295	2	7,893,468	427,324,730	0.018472	40,697	40,697
Quindaro	Kansas	1295	GT2	30,595	427,324,730	0.000072	40,697	40,697
Quindaro	Kansas	1295	GT3	30,595	427,324,730	0.000072	40,697	40,697
Riverton	Kansas	1239	12	1,679,092	427,324,730	0.003929	40,697	40,697
Riverton	Kansas	1239	39	2,610,188	427,324,730	0.006108	40,697	40,697
Riverton	Kansas	1239	40	4,411,627	427,324,730	0.010324	40,697	40,697
Tecumseh Energy Center	Kansas	1252	10	10,541,730	427,324,730	0.024669	40,697	40,697
Tecumseh Energy Center	Kansas	1252	9	6,530,016	427,324,730	0.015281	40,697	40,697
West Gardner Generating Station	Kansas	7929	1	339,995	427,324,730	0.000796	40,697	40,697
West Gardner Generating Station	Kansas	7929	2	320,449	427,324,730	0.000750	40,697	40,697
West Gardner Generating Station	Kansas	7929	3	319,963	427,324,730	0.000749	40,697	40,697
West Gardner Generating Station	Kansas	7929	4	290,514	427,324,730	0.000680	40,697	40,697
Big Sandy	Kentucky	1353	BSU1	14,989,323	1,055,615,936	0.014200	218,702	99,907
Big Sandy	Kentucky	1353	BSU2	52,595,526	1,055,615,936	0.049824	218,702	99,907
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1	489,844	1,055,615,936	0.000464	218,702	99,907
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2	165,514	1,055,615,936	0.000157	218,702	99,907
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3	147,696	1,055,615,936	0.000140	218,702	99,907
Cane Run	Kentucky	1363	4	11,203,592	1,055,615,936	0.010613	218,702	99,907
Cane Run	Kentucky	1363	5	11,258,059	1,055,615,936	0.010665	218,702	99,907

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Murray Gill Energy Center	Kansas	1242	2	30,100	25,049	28	28	21	17
Murray Gill Energy Center	Kansas	1242	3	30,100	25,049	146	146	108	90
Murray Gill Energy Center	Kansas	1242	4	30,100	25,049	104	104	77	64
Nearman Creek	Kansas	6064	CT4	30,100	25,049	39	39	29	24
Nearman Creek	Kansas	6064	N1	30,100	25,049	1,850	1,850	1,368	1,139
Neosho Energy Center	Kansas	1243	7	30,100	25,049	9	9	7	6
Osawatomie Generating Station	Kansas	7928	1	30,100	25,049	11	11	8	7
Quindaro	Kansas	1295	1	30,100	25,049	589	589	435	362
Quindaro	Kansas	1295	2	30,100	25,049	752	752	556	463
Quindaro	Kansas	1295	GT2	30,100	25,049	3	3	2	2
Quindaro	Kansas	1295	GT3	30,100	25,049	3	3	2	2
Riverton	Kansas	1239	12	30,100	25,049	160	160	118	98
Riverton	Kansas	1239	39	30,100	25,049	249	249	184	153
Riverton	Kansas	1239	40	30,100	25,049	420	420	311	259
Tecumseh Energy Center	Kansas	1252	10	30,100	25,049	1,004	1,004	743	618
Tecumseh Energy Center	Kansas	1252	9	30,100	25,049	622	622	460	383
West Gardner Generating Station	Kansas	7929	1	30,100	25,049	32	32	24	20
West Gardner Generating Station	Kansas	7929	2	30,100	25,049	31	31	23	19
West Gardner Generating Station	Kansas	7929	3	30,100	25,049	30	30	23	19
West Gardner Generating Station	Kansas	7929	4	30,100	25,049	28	28	20	17
Big Sandy	Kentucky	1353	BSU1	81,683	74,148	3,105	1,419	1,160	1,053
Big Sandy	Kentucky	1353	BSU2	81,683	74,148	10,897	4,978	4,070	3,694
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1	81,683	74,148	101	46	38	34
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2	81,683	74,148	34	16	13	12
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3	81,683	74,148	31	14	11	10
Cane Run	Kentucky	1363	4	81,683	74,148	2,321	1,060	867	787
Cane Run	Kentucky	1363	5	81,683	74,148	2,332	1,066	871	791

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Murray Gill Energy Center	Kansas	1242	2	250	35	16	0	0	0
Murray Gill Energy Center	Kansas	1242	3	1,197	1,281	1,633	0	0	0
Murray Gill Energy Center	Kansas	1242	4	971	1,158	1,297	0	0	0
Nearman Creek	Kansas	6064	CT4				7	1	0
Nearman Creek	Kansas	6064	N1	8,727	8,024	7,242	6,020	7,327	5,992
Neosho Energy Center	Kansas	1243	7	11		8	0	0	0
Osawatomie Generating Station	Kansas	7928	1	0	0	0	0	0	0
Quindaro	Kansas	1295	1	2,007	2,310	2,178	1,807	2,009	2,014
Quindaro	Kansas	1295	2	2,872	2,475	3,599	2,777	2,598	1,884
Quindaro	Kansas	1295	GT2		10	13		1	
Quindaro	Kansas	1295	GT3		10	13		1	
Riverton	Kansas	1239	12					0	0
Riverton	Kansas	1239	39	2,579	2,452	2,280	2,411	2,624	2,234
Riverton	Kansas	1239	40	722	922	2,077	3,403	4,363	3,322
Tecumseh Energy Center	Kansas	1252	10	4,073	3,174	3,127	2,501	2,620	2,816
Tecumseh Energy Center	Kansas	1252	9	2,320	2,038	2,096	1,625	1,782	1,666
West Gardner Generating Station	Kansas	7929	1	0	0	0	0	0	0
West Gardner Generating Station	Kansas	7929	2	0	0	0	0	0	0
West Gardner Generating Station	Kansas	7929	3	0		0	0	0	0
West Gardner Generating Station	Kansas	7929	4	0	0	0	0	0	0
Big Sandy	Kentucky	1353	BSU1	13,617	10,479	10,606	11,376	10,637	8,287
Big Sandy	Kentucky	1353	BSU2	33,342	37,531	39,492	35,100	36,114	29,544
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1	0		0	0	0	0
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2	0		0	0	0	0
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3	0		0	0	0	
Cane Run	Kentucky	1363	4	4,982	4,602	5,543	5,391	5,521	2,970
Cane Run	Kentucky	1363	5	4,706	4,574	5,085	5,276	4,024	2,173

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
Murray Gill Energy Center	Kansas	1242	2	0	0	250				
Murray Gill Energy Center	Kansas	1242	3	1	0	1,633				
Murray Gill Energy Center	Kansas	1242	4	0	0	1,297				
Nearman Creek	Kansas	6064	CT4	0	0	7				
Nearman Creek	Kansas	6064	N1	5,931	6,126	8,727				
Neosho Energy Center	Kansas	1243	7	0		11				
Osawatomie Generating Station	Kansas	7928	1	0	0	0				
Quindaro	Kansas	1295	1	1,611	1,698	2,310				
Quindaro	Kansas	1295	2	1,997	2,202	3,599				
Quindaro	Kansas	1295	GT2			13				
Quindaro	Kansas	1295	GT3			13				
Riverton	Kansas	1239	12	0	1	1				
Riverton	Kansas	1239	39	1,873	1,522	2,624				
Riverton	Kansas	1239	40	3,032	2,682	4,363				
Tecumseh Energy Center	Kansas	1252	10	3,101	2,675	4,073				
Tecumseh Energy Center	Kansas	1252	9	1,926	1,722	2,320				
West Gardner Generating Station	Kansas	7929	1	0	0	0				
West Gardner Generating Station	Kansas	7929	2	0	0	0				
West Gardner Generating Station	Kansas	7929	3	0	0	0				
West Gardner Generating Station	Kansas	7929	4	0	0	0				
Big Sandy	Kentucky	1353	BSU1	8,709	5,643	13,617				
Big Sandy	Kentucky	1353	BSU2	31,516	37,281	39,492				
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1	0	0	0				
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2	0	0	0				
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3	0	0	0				
Cane Run	Kentucky	1363	4	2,158	2,347	5,543				
Cane Run	Kentucky	1363	5	2,100	2,316	5,276				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Murray Gill Energy Center	Kansas	1242	2				64	8	9
Murray Gill Energy Center	Kansas	1242	3				254	253	349
Murray Gill Energy Center	Kansas	1242	4				262	269	320
Nearman Creek	Kansas	6064	CT4						
Nearman Creek	Kansas	6064	N1				4,629	4,316	4,137
Neosho Energy Center	Kansas	1243	7				3		3
Osawatomie Generating Station	Kansas	7928	1				2	0	1
Quindaro	Kansas	1295	1				1,924	2,209	2,088
Quindaro	Kansas	1295	2				996	878	1,304
Quindaro	Kansas	1295	GT2					7	10
Quindaro	Kansas	1295	GT3					7	10
Riverton	Kansas	1239	12						
Riverton	Kansas	1239	39				577	600	543
Riverton	Kansas	1239	40				663	876	899
Tecumseh Energy Center	Kansas	1252	10				1,663	1,612	1,941
Tecumseh Energy Center	Kansas	1252	9				1,156	1,240	1,413
West Gardner Generating Station	Kansas	7929	1				3	1	2
West Gardner Generating Station	Kansas	7929	2				2	1	2
West Gardner Generating Station	Kansas	7929	3				3	0	2
West Gardner Generating Station	Kansas	7929	4				3	1	2
Big Sandy	Kentucky	1353	BSU1				3,898	2,600	2,833
Big Sandy	Kentucky	1353	BSU2				8,465	8,255	9,657
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1				0	0	4
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2				0	0	4
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3				0	0	7
Cane Run	Kentucky	1363	4				2,205	1,458	2,115
Cane Run	Kentucky	1363	5				2,143	1,850	2,325

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Murray Gill Energy Center	Kansas	1242	2	24	18	15	37	27	64
Murray Gill Energy Center	Kansas	1242	3	122	110	166	198	145	349
Murray Gill Energy Center	Kansas	1242	4	138	116	181	185	142	320
Nearman Creek	Kansas	6064	CT4	38	5	2	28	29	38
Nearman Creek	Kansas	6064	N1	3,829	4,647	3,595	3,231	3,856	4,647
Neosho Energy Center	Kansas	1243	7	10	10	3	1		10
Osawatomie Generating Station	Kansas	7928	1	2	2	1	0	0	2
Quindaro	Kansas	1295	1	2,277	2,428	2,549	2,217	2,355	2,549
Quindaro	Kansas	1295	2	1,208	1,106	868	1,023	1,150	1,304
Quindaro	Kansas	1295	GT2		2				10
Quindaro	Kansas	1295	GT3		2				10
Riverton	Kansas	1239	12		22	17	26	32	32
Riverton	Kansas	1239	39	632	580	450	436	402	632
Riverton	Kansas	1239	40	962	843	613	685	712	962
Tecumseh Energy Center	Kansas	1252	10	1,764	1,839	1,780	1,744	1,442	1,941
Tecumseh Energy Center	Kansas	1252	9	1,430	1,335	834	534	423	1,430
West Gardner Generating Station	Kansas	7929	1	4	3	3	2	3	4
West Gardner Generating Station	Kansas	7929	2	4	3	2	1	3	4
West Gardner Generating Station	Kansas	7929	3	4	4	3	1	3	4
West Gardner Generating Station	Kansas	7929	4	4	4	2	1	4	4
Big Sandy	Kentucky	1353	BSU1	3,419	3,395	2,882	1,468	890	3,898
Big Sandy	Kentucky	1353	BSU2	10,426	11,590	10,122	3,402	3,765	11,590
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1	1	1	12	11	8	12
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2	1	1	1	2	9	9
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3	2	1	0	0	8	8
Cane Run	Kentucky	1363	4	1,923	2,211	1,964	1,770	1,711	2,211
Cane Run	Kentucky	1363	5	2,203	2,123	1,863	2,020	2,448	2,448

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Murray Gill Energy Center	Kansas	1242	2						
Murray Gill Energy Center	Kansas	1242	3						
Murray Gill Energy Center	Kansas	1242	4						
Nearman Creek	Kansas	6064	CT4						
Nearman Creek	Kansas	6064	N1						
Neosho Energy Center	Kansas	1243	7						
Osawatomie Generating Station	Kansas	7928	1						
Quindaro	Kansas	1295	1						
Quindaro	Kansas	1295	2						
Quindaro	Kansas	1295	GT2						
Quindaro	Kansas	1295	GT3						
Riverton	Kansas	1239	12						
Riverton	Kansas	1239	39						
Riverton	Kansas	1239	40						
Tecumseh Energy Center	Kansas	1252	10						
Tecumseh Energy Center	Kansas	1252	9						
West Gardner Generating Station	Kansas	7929	1						
West Gardner Generating Station	Kansas	7929	2						
West Gardner Generating Station	Kansas	7929	3						
West Gardner Generating Station	Kansas	7929	4						
Big Sandy	Kentucky	1353	BSU1						
Big Sandy	Kentucky	1353	BSU2						
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1						
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2						
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3						
Cane Run	Kentucky	1363	4						
Cane Run	Kentucky	1363	5						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Murray Gill Energy Center	Kansas	1242	2	44	44	44	44
Murray Gill Energy Center	Kansas	1242	3	231	231	231	231
Murray Gill Energy Center	Kansas	1242	4	165	165	165	165
Nearman Creek	Kansas	6064	CT4	7	7	7	7
Nearman Creek	Kansas	6064	N1	2,935	2,935	2,935	2,935
Neosho Energy Center	Kansas	1243	7	11	11	11	11
Osawatomie Generating Station	Kansas	7928	1	0	0	0	0
Quindaro	Kansas	1295	1	934	934	934	934
Quindaro	Kansas	1295	2	1,193	1,193	1,193	1,193
Quindaro	Kansas	1295	GT2	5	5	5	5
Quindaro	Kansas	1295	GT3	5	5	5	5
Riverton	Kansas	1239	12	1	1	1	1
Riverton	Kansas	1239	39	394	394	394	394
Riverton	Kansas	1239	40	667	667	667	667
Tecumseh Energy Center	Kansas	1252	10	1,593	1,593	1,593	1,593
Tecumseh Energy Center	Kansas	1252	9	987	987	987	987
West Gardner Generating Station	Kansas	7929	1	0	0	0	0
West Gardner Generating Station	Kansas	7929	2	0	0	0	0
West Gardner Generating Station	Kansas	7929	3	0	0	0	0
West Gardner Generating Station	Kansas	7929	4	0	0	0	0
Big Sandy	Kentucky	1353	BSU1		3,447		
Big Sandy	Kentucky	1353	BSU2		12,094		
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1		0		
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2		0		
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3		0		
Cane Run	Kentucky	1363	4		2,576		
Cane Run	Kentucky	1363	5		2,589		

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Murray Gill Energy Center	Kansas	1242	2	44	44		
Murray Gill Energy Center	Kansas	1242	3	231	231		
Murray Gill Energy Center	Kansas	1242	4	165	165		
Nearman Creek	Kansas	6064	CT4	7	7		
Nearman Creek	Kansas	6064	N1	2,935	2,935		
Neosho Energy Center	Kansas	1243	7	11	11		
Osawatomie Generating Station	Kansas	7928	1	0	0		
Quindaro	Kansas	1295	1	934	934		
Quindaro	Kansas	1295	2	1,193	1,193		
Quindaro	Kansas	1295	GT2	5	5		
Quindaro	Kansas	1295	GT3	5	5		
Riverton	Kansas	1239	12	1	1		
Riverton	Kansas	1239	39	394	394		
Riverton	Kansas	1239	40	667	667		
Tecumseh Energy Center	Kansas	1252	10	1,593	1,593		
Tecumseh Energy Center	Kansas	1252	9	987	987		
West Gardner Generating Station	Kansas	7929	1	0	0		
West Gardner Generating Station	Kansas	7929	2	0	0		
West Gardner Generating Station	Kansas	7929	3	0	0		
West Gardner Generating Station	Kansas	7929	4	0	0		
Big Sandy	Kentucky	1353	BSU1				
Big Sandy	Kentucky	1353	BSU2				
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1				
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2				
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3				
Cane Run	Kentucky	1363	4				
Cane Run	Kentucky	1363	5				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Murray Gill Energy Center	Kansas	1242	2				17
Murray Gill Energy Center	Kansas	1242	3				91
Murray Gill Energy Center	Kansas	1242	4				65
Nearman Creek	Kansas	6064	CT4				24
Nearman Creek	Kansas	6064	N1				1,149
Neosho Energy Center	Kansas	1243	7				6
Osawatomie Generating Station	Kansas	7928	1				2
Quindaro	Kansas	1295	1				366
Quindaro	Kansas	1295	2				467
Quindaro	Kansas	1295	GT2				2
Quindaro	Kansas	1295	GT3				2
Riverton	Kansas	1239	12				32
Riverton	Kansas	1239	39				154
Riverton	Kansas	1239	40				261
Tecumseh Energy Center	Kansas	1252	10				624
Tecumseh Energy Center	Kansas	1252	9				386
West Gardner Generating Station	Kansas	7929	1				4
West Gardner Generating Station	Kansas	7929	2				4
West Gardner Generating Station	Kansas	7929	3				4
West Gardner Generating Station	Kansas	7929	4				4
Big Sandy	Kentucky	1353	BSU1				
Big Sandy	Kentucky	1353	BSU2				
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1				
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2				
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3				
Cane Run	Kentucky	1363	4				
Cane Run	Kentucky	1363	5				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Murray Gill Energy Center	Kansas	1242	2	239,054	183,249	141,563	376,076	261,146	292,092
Murray Gill Energy Center	Kansas	1242	3	817,997	926,455	960,025	1,038,971	1,050,987	1,016,661
Murray Gill Energy Center	Kansas	1242	4	662,811	791,987	873,081	871,235	620,440	845,435
Nearman Creek	Kansas	6064	CT4	269,342	220,894	97,743	175,557	417,451	302,562
Nearman Creek	Kansas	6064	N1	7,604,827	9,484,678	6,773,962	7,665,260	8,508,451	8,552,796
Neosho Energy Center	Kansas	1243	7	116,311	113,078	53,993			94,461
Osawatomie Generating Station	Kansas	7928	1	177,130	109,602	11,914	18,764	25,095	103,942
Quindaro	Kansas	1295	1	2,719,453	2,637,315	2,633,034	2,314,208	2,168,428	2,663,267
Quindaro	Kansas	1295	2	3,580,666	3,565,565	3,797,661	3,015,783	3,647,452	3,675,259
Quindaro	Kansas	1295	GT2	28,567	5,296	1,899	3,661	16,891	16,918
Quindaro	Kansas	1295	GT3	28,567	5,296	1,899	3,661	16,891	16,918
Riverton	Kansas	1239	12		849,032	499,797	914,826	1,533,643	1,099,167
Riverton	Kansas	1239	39	1,218,237	1,135,430	1,005,042	941,208	806,648	1,119,569
Riverton	Kansas	1239	40	1,912,419	1,762,465	1,251,165	1,510,409	1,847,607	1,840,830
Tecumseh Energy Center	Kansas	1252	10	4,004,862	4,634,130	4,677,905	4,185,746	3,777,805	4,499,260
Tecumseh Energy Center	Kansas	1252	9	2,620,528	3,052,750	2,189,798	2,572,595	2,389,491	2,748,624
West Gardner Generating Station	Kansas	7929	1	332,713	223,151	165,650	101,996	165,308	240,505
West Gardner Generating Station	Kansas	7929	2	356,673	214,132	116,432	104,641	176,979	249,261
West Gardner Generating Station	Kansas	7929	3	331,925	211,225	117,349	61,902	206,561	249,904
West Gardner Generating Station	Kansas	7929	4	308,648	195,264	80,715	60,087	179,277	227,730
Big Sandy	Kentucky	1353	BSU1	6,850,557	6,562,474	5,778,524	4,639,475	4,255,921	6,397,185
Big Sandy	Kentucky	1353	BSU2	19,162,303	22,067,233	14,436,849	16,348,484	21,387,892	20,872,476
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1	34,545	45,793	587,590	512,251	340,130	479,990
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2	34,458	24,332	137	18,401	340,229	133,006
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3	47,837	41,812	137	15,246	307,440	132,363
Cane Run	Kentucky	1363	4	4,514,547	5,311,221	4,168,442	4,549,922	4,968,356	4,943,166
Cane Run	Kentucky	1363	5	4,495,794	4,580,723	3,841,460	4,271,075	5,027,282	4,701,266

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Murray Gill Energy Center	Kansas	1242	2	192,470,408	0.001518				
Murray Gill Energy Center	Kansas	1242	3	192,470,408	0.005282				
Murray Gill Energy Center	Kansas	1242	4	192,470,408	0.004393				
Nearman Creek	Kansas	6064	CT4	192,470,408	0.001572				
Nearman Creek	Kansas	6064	N1	192,470,408	0.044437				
Neosho Energy Center	Kansas	1243	7	192,470,408	0.000491				
Osawatomie Generating Station	Kansas	7928	1	192,470,408	0.000540				
Quindaro	Kansas	1295	1	192,470,408	0.013837				
Quindaro	Kansas	1295	2	192,470,408	0.019095				
Quindaro	Kansas	1295	GT2	192,470,408	0.000088				
Quindaro	Kansas	1295	GT3	192,470,408	0.000088				
Riverton	Kansas	1239	12	192,470,408	0.005711				
Riverton	Kansas	1239	39	192,470,408	0.005817				
Riverton	Kansas	1239	40	192,470,408	0.009564				
Tecumseh Energy Center	Kansas	1252	10	192,470,408	0.023376				
Tecumseh Energy Center	Kansas	1252	9	192,470,408	0.014281				
West Gardner Generating Station	Kansas	7929	1	192,470,408	0.001250				
West Gardner Generating Station	Kansas	7929	2	192,470,408	0.001295				
West Gardner Generating Station	Kansas	7929	3	192,470,408	0.001298				
West Gardner Generating Station	Kansas	7929	4	192,470,408	0.001183				
Big Sandy	Kentucky	1353	BSU1	461,616,074	0.013858	34,720	31,367	481	435
Big Sandy	Kentucky	1353	BSU2	461,616,074	0.045216	34,720	31,367	1,570	1,418
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1	461,616,074	0.001040	34,720	31,367	36	33
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2	461,616,074	0.000288	34,720	31,367	10	9
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3	461,616,074	0.000287	34,720	31,367	10	9
Cane Run	Kentucky	1363	4	461,616,074	0.010708	34,720	31,367	372	336
Cane Run	Kentucky	1363	5	461,616,074	0.010184	34,720	31,367	354	319

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Murray Gill Energy Center	Kansas	1242	2	64	8	9	24	18	13
Murray Gill Energy Center	Kansas	1242	3	165	117	199	112	102	110
Murray Gill Energy Center	Kansas	1242	4	201	160	202	132	105	121
Nearman Creek	Kansas	6064	CT4				29	2	1
Nearman Creek	Kansas	6064	N1	2,126	1,722	2,076	1,756	2,030	1,390
Neosho Energy Center	Kansas	1243	7	3		3	10	10	3
Osawatomie Generating Station	Kansas	7928	1	2	0	1	2	1	0
Quindaro	Kansas	1295	1	867	816	1,036	988	1,030	999
Quindaro	Kansas	1295	2	414	344	595	513	485	509
Quindaro	Kansas	1295	GT2		4	7		1	
Quindaro	Kansas	1295	GT3		4	7		1	
Riverton	Kansas	1239	12					13	8
Riverton	Kansas	1239	39	255	279	287	272	243	189
Riverton	Kansas	1239	40	320	372	374	377	327	199
Tecumseh Energy Center	Kansas	1252	10	768	713	820	657	897	804
Tecumseh Energy Center	Kansas	1252	9	466	551	649	638	567	292
West Gardner Generating Station	Kansas	7929	1	3	1	2	3	2	2
West Gardner Generating Station	Kansas	7929	2	2	1	2	3	2	1
West Gardner Generating Station	Kansas	7929	3	3		2	3	2	1
West Gardner Generating Station	Kansas	7929	4	3	1	2	4	2	1
Big Sandy	Kentucky	1353	BSU1	1,080	501	336	668	495	886
Big Sandy	Kentucky	1353	BSU2	1,272	1,622	1,105	1,238	1,380	928
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1	0		3	1	1	11
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2	0	0	3	1	1	0
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3	0	0	5	1	1	0
Cane Run	Kentucky	1363	4	878	659	862	824	934	763
Cane Run	Kentucky	1363	5	922	643	997	909	910	772

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Murray Gill Energy Center	Kansas	1242	2	37	27	64			
Murray Gill Energy Center	Kansas	1242	3	106	119	199			
Murray Gill Energy Center	Kansas	1242	4	144	99	202			
Nearman Creek	Kansas	6064	CT4	27	23	29			
Nearman Creek	Kansas	6064	N1	1,525	1,766	2,126			
Neosho Energy Center	Kansas	1243	7			10			
Osawatomie Generating Station	Kansas	7928	1	0	0	2			
Quindaro	Kansas	1295	1	900	884	1,036			
Quindaro	Kansas	1295	2	402	565	595			
Quindaro	Kansas	1295	GT2			7			
Quindaro	Kansas	1295	GT3			7			
Riverton	Kansas	1239	12	13	21	21			
Riverton	Kansas	1239	39	191	173	287			
Riverton	Kansas	1239	40	269	318	377			
Tecumseh Energy Center	Kansas	1252	10	688	583	897			
Tecumseh Energy Center	Kansas	1252	9	246	158	649			
West Gardner Generating Station	Kansas	7929	1	1	2	3			
West Gardner Generating Station	Kansas	7929	2	1	2	3			
West Gardner Generating Station	Kansas	7929	3	1	3	3			
West Gardner Generating Station	Kansas	7929	4	1	3	4			
Big Sandy	Kentucky	1353	BSU1	674	460	1,080			
Big Sandy	Kentucky	1353	BSU2	1,125	1,763	1,763			
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1	11	7	11			
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2	0	8	8			
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3	0	7	7			
Cane Run	Kentucky	1363	4	765	838	934			
Cane Run	Kentucky	1363	5	817	989	997			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Murray Gill Energy Center	Kansas	1242	2					
Murray Gill Energy Center	Kansas	1242	3					
Murray Gill Energy Center	Kansas	1242	4					
Nearman Creek	Kansas	6064	CT4					
Nearman Creek	Kansas	6064	N1					
Neosho Energy Center	Kansas	1243	7					
Osawatomie Generating Station	Kansas	7928	1					
Quindaro	Kansas	1295	1					
Quindaro	Kansas	1295	2					
Quindaro	Kansas	1295	GT2					
Quindaro	Kansas	1295	GT3					
Riverton	Kansas	1239	12					
Riverton	Kansas	1239	39					
Riverton	Kansas	1239	40					
Tecumseh Energy Center	Kansas	1252	10					
Tecumseh Energy Center	Kansas	1252	9					
West Gardner Generating Station	Kansas	7929	1					
West Gardner Generating Station	Kansas	7929	2					
West Gardner Generating Station	Kansas	7929	3					
West Gardner Generating Station	Kansas	7929	4					
Big Sandy	Kentucky	1353	BSU1					
Big Sandy	Kentucky	1353	BSU2					
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1					
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2					
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3					
Cane Run	Kentucky	1363	4					
Cane Run	Kentucky	1363	5					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Murray Gill Energy Center	Kansas	1242	2					Y
Murray Gill Energy Center	Kansas	1242	3					Y
Murray Gill Energy Center	Kansas	1242	4					Y
Nearman Creek	Kansas	6064	CT4					Y
Nearman Creek	Kansas	6064	N1					Y
Neosho Energy Center	Kansas	1243	7					Y
Osawatomie Generating Station	Kansas	7928	1					Y
Quindaro	Kansas	1295	1					Y
Quindaro	Kansas	1295	2					Y
Quindaro	Kansas	1295	GT2					Y
Quindaro	Kansas	1295	GT3					Y
Riverton	Kansas	1239	12					Y
Riverton	Kansas	1239	39					Y
Riverton	Kansas	1239	40					Y
Tecumseh Energy Center	Kansas	1252	10					Y
Tecumseh Energy Center	Kansas	1252	9					Y
West Gardner Generating Station	Kansas	7929	1					Y
West Gardner Generating Station	Kansas	7929	2					Y
West Gardner Generating Station	Kansas	7929	3					Y
West Gardner Generating Station	Kansas	7929	4					Y
Big Sandy	Kentucky	1353	BSU1					Y
Big Sandy	Kentucky	1353	BSU2					Y
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1					Y
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2					Y
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3					Y
Cane Run	Kentucky	1363	4					Y
Cane Run	Kentucky	1363	5					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Murray Gill Energy Center	Kansas	1242	2		Y			
Murray Gill Energy Center	Kansas	1242	3		Y			
Murray Gill Energy Center	Kansas	1242	4		Y			
Nearman Creek	Kansas	6064	CT4		Y			
Nearman Creek	Kansas	6064	N1		Y			
Neosho Energy Center	Kansas	1243	7		Y			
Osawatomie Generating Station	Kansas	7928	1		Y			
Quindaro	Kansas	1295	1		Y			
Quindaro	Kansas	1295	2		Y			
Quindaro	Kansas	1295	GT2		Y		Y	
Quindaro	Kansas	1295	GT3		Y		Y	
Riverton	Kansas	1239	12		Y			
Riverton	Kansas	1239	39		Y			
Riverton	Kansas	1239	40		Y			
Tecumseh Energy Center	Kansas	1252	10		Y			
Tecumseh Energy Center	Kansas	1252	9		Y			
West Gardner Generating Station	Kansas	7929	1		Y			
West Gardner Generating Station	Kansas	7929	2		Y			
West Gardner Generating Station	Kansas	7929	3		Y			
West Gardner Generating Station	Kansas	7929	4		Y			
Big Sandy	Kentucky	1353	BSU1	Y		Y		
Big Sandy	Kentucky	1353	BSU2	Y		Y		
Bluegrass Generation Company, LLC	Kentucky	55164	GTG1	Y		Y		
Bluegrass Generation Company, LLC	Kentucky	55164	GTG2	Y		Y		
Bluegrass Generation Company, LLC	Kentucky	55164	GTG3	Y		Y		
Cane Run	Kentucky	1363	4	Y		Y		
Cane Run	Kentucky	1363	5	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Cane Run	Kentucky	1363	6	904	16,271,123	13,688,436	13,277,347	13,442,706	12,474,399
Coleman	Kentucky	1381	C1	926	11,753,604	12,345,910	9,277,749	10,756,584	11,254,853
Coleman	Kentucky	1381	C2	927	11,958,789	10,661,557	12,741,380	10,375,663	9,544,382
Coleman	Kentucky	1381	C3	928	9,465,592	12,602,227	12,912,138	10,209,035	12,195,952
D B Wilson	Kentucky	6823	W1	2910	36,635,654	37,834,942	36,659,847	30,666,703	36,221,670
E W Brown	Kentucky	1355	1	874	5,587,149	5,209,730	5,644,150	2,591,991	4,767,342
E W Brown	Kentucky	1355	10	875	322,076	101,899	44,809	48,766	86,214
E W Brown	Kentucky	1355	11	876	202,487	70,016	29,240	80,332	139,623
E W Brown	Kentucky	1355	2	877	9,810,844	10,421,558	10,575,478	5,098,318	6,984,203
E W Brown	Kentucky	1355	3	878	20,952,912	24,786,273	25,139,591	16,803,275	21,342,979
E W Brown	Kentucky	1355	5	879	416,961	316,924	52,522	64,041	139,689
E W Brown	Kentucky	1355	6	880	1,122,870	1,045,256	295,609	510,440	619,590
E W Brown	Kentucky	1355	7	881	1,121,668	615,545	397,870	328,815	638,426
E W Brown	Kentucky	1355	8	882	664,614	293,071	113,053	132,138	133,875
E W Brown	Kentucky	1355	9	883	407,417	177,872	65,226	41,252	98,103
East Bend	Kentucky	6018	2	2682	45,529,586	37,734,310	42,991,629	43,862,453	44,237,244
Elmer Smith	Kentucky	1374	1	911	10,650,814	8,970,656	8,424,974	10,299,786	10,357,770
Elmer Smith	Kentucky	1374	2	912	17,094,258	17,446,033	16,919,576	17,807,167	17,304,560
Ghent	Kentucky	1356	1	884	35,563,623	31,800,312	37,572,761	31,802,243	34,495,124
Ghent	Kentucky	1356	2	885	29,236,838	33,834,938	28,561,899	24,783,880	33,186,513
Ghent	Kentucky	1356	3	886	31,465,996	24,652,942	34,924,413	34,425,646	35,847,968
Ghent	Kentucky	1356	4	887	29,789,511	32,146,376	28,677,868	28,668,181	27,210,097
Green River	Kentucky	1357	4	891	2,872,917	5,428,759	4,571,360	2,580,883	4,108,462
Green River	Kentucky	1357	5	892	4,462,731	5,970,986	6,335,826	4,595,733	5,892,956
H L Spurlock	Kentucky	6041	1	2704	21,353,286	21,486,710	21,775,905	17,036,836	21,450,633
H L Spurlock	Kentucky	6041	2	2705	41,104,151	39,166,834	30,482,960	32,592,288	35,224,441
H L Spurlock	Kentucky	6041	3	89571	16,539,220	18,843,583	19,718,751	17,230,467	19,640,879

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Cane Run	Kentucky	1363	6	14,467,422	1,055,615,936	0.013705	218,702	99,907
Coleman	Kentucky	1381	C1	11,784,789	1,055,615,936	0.011164	218,702	99,907
Coleman	Kentucky	1381	C2	11,787,242	1,055,615,936	0.011166	218,702	99,907
Coleman	Kentucky	1381	C3	12,570,106	1,055,615,936	0.011908	218,702	99,907
D B Wilson	Kentucky	6823	W1	37,043,481	1,055,615,936	0.035092	218,702	99,907
E W Brown	Kentucky	1355	1	5,480,343	1,055,615,936	0.005192	218,702	99,907
E W Brown	Kentucky	1355	10	170,063	1,055,615,936	0.000161	218,702	99,907
E W Brown	Kentucky	1355	11	140,814	1,055,615,936	0.000133	218,702	99,907
E W Brown	Kentucky	1355	2	10,269,293	1,055,615,936	0.009728	218,702	99,907
E W Brown	Kentucky	1355	3	23,756,281	1,055,615,936	0.022505	218,702	99,907
E W Brown	Kentucky	1355	5	291,191	1,055,615,936	0.000276	218,702	99,907
E W Brown	Kentucky	1355	6	929,239	1,055,615,936	0.000880	218,702	99,907
E W Brown	Kentucky	1355	7	791,880	1,055,615,936	0.000750	218,702	99,907
E W Brown	Kentucky	1355	8	363,854	1,055,615,936	0.000345	218,702	99,907
E W Brown	Kentucky	1355	9	227,797	1,055,615,936	0.000216	218,702	99,907
East Bend	Kentucky	6018	2	44,543,095	1,055,615,936	0.042196	218,702	99,907
Elmer Smith	Kentucky	1374	1	10,436,123	1,055,615,936	0.009886	218,702	99,907
Elmer Smith	Kentucky	1374	2	17,519,253	1,055,615,936	0.016596	218,702	99,907
Ghent	Kentucky	1356	1	35,877,169	1,055,615,936	0.033987	218,702	99,907
Ghent	Kentucky	1356	2	32,086,096	1,055,615,936	0.030396	218,702	99,907
Ghent	Kentucky	1356	3	35,066,009	1,055,615,936	0.033219	218,702	99,907
Ghent	Kentucky	1356	4	30,204,585	1,055,615,936	0.028613	218,702	99,907
Green River	Kentucky	1357	4	4,702,861	1,055,615,936	0.004455	218,702	99,907
Green River	Kentucky	1357	5	6,066,589	1,055,615,936	0.005747	218,702	99,907
H L Spurlock	Kentucky	6041	1	21,571,082	1,055,615,936	0.020435	218,702	99,907
H L Spurlock	Kentucky	6041	2	38,498,475	1,055,615,936	0.036470	218,702	99,907
H L Spurlock	Kentucky	6041	3	19,401,071	1,055,615,936	0.018379	218,702	99,907

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Cane Run	Kentucky	1363	6	81,683	74,148	2,997	1,369	1,119	1,016
Coleman	Kentucky	1381	C1	81,683	74,148	2,442	1,115	912	828
Coleman	Kentucky	1381	C2	81,683	74,148	2,442	1,116	912	828
Coleman	Kentucky	1381	C3	81,683	74,148	2,604	1,190	973	883
D B Wilson	Kentucky	6823	W1	81,683	74,148	7,675	3,506	2,866	2,602
E W Brown	Kentucky	1355	1	81,683	74,148	1,135	519	424	385
E W Brown	Kentucky	1355	10	81,683	74,148	35	16	13	12
E W Brown	Kentucky	1355	11	81,683	74,148	29	13	11	10
E W Brown	Kentucky	1355	2	81,683	74,148	2,128	972	795	721
E W Brown	Kentucky	1355	3	81,683	74,148	4,922	2,248	1,838	1,669
E W Brown	Kentucky	1355	5	81,683	74,148	60	28	23	20
E W Brown	Kentucky	1355	6	81,683	74,148	193	88	72	65
E W Brown	Kentucky	1355	7	81,683	74,148	164	75	61	56
E W Brown	Kentucky	1355	8	81,683	74,148	75	34	28	26
E W Brown	Kentucky	1355	9	81,683	74,148	47	22	18	16
East Bend	Kentucky	6018	2	81,683	74,148	9,228	4,216	3,447	3,129
Elmer Smith	Kentucky	1374	1	81,683	74,148	2,162	988	808	733
Elmer Smith	Kentucky	1374	2	81,683	74,148	3,630	1,658	1,356	1,231
Ghent	Kentucky	1356	1	81,683	74,148	7,433	3,396	2,776	2,520
Ghent	Kentucky	1356	2	81,683	74,148	6,648	3,037	2,483	2,254
Ghent	Kentucky	1356	3	81,683	74,148	7,265	3,319	2,713	2,463
Ghent	Kentucky	1356	4	81,683	74,148	6,258	2,859	2,337	2,122
Green River	Kentucky	1357	4	81,683	74,148	974	445	364	330
Green River	Kentucky	1357	5	81,683	74,148	1,257	574	469	426
H L Spurlock	Kentucky	6041	1	81,683	74,148	4,469	2,042	1,669	1,515
H L Spurlock	Kentucky	6041	2	81,683	74,148	7,976	3,644	2,979	2,704
H L Spurlock	Kentucky	6041	3	81,683	74,148	4,020	1,836	1,501	1,363

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Cane Run	Kentucky	1363	6	6,606	6,594	8,234	6,456	5,334	4,961
Coleman	Kentucky	1381	C1	19,313	19,327	17,988	3,238	1,408	716
Coleman	Kentucky	1381	C2	19,681	19,280	17,757	4,249	385	940
Coleman	Kentucky	1381	C3	16,455	20,542	21,069	3,412	1,199	1,089
D B Wilson	Kentucky	6823	W1	8,528	9,800	11,008	9,306	9,499	9,508
E W Brown	Kentucky	1355	1	9,184	9,010	8,682	6,933	6,614	7,263
E W Brown	Kentucky	1355	10	0	0	0	0	0	0
E W Brown	Kentucky	1355	11	0	1	0	0	0	0
E W Brown	Kentucky	1355	2	13,164	13,232	13,804	12,210	12,892	13,340
E W Brown	Kentucky	1355	3	34,100	29,877	20,376	26,045	30,315	31,649
E W Brown	Kentucky	1355	5	0	0	0	0	0	0
E W Brown	Kentucky	1355	6	1	1	5	2	1	0
E W Brown	Kentucky	1355	7	0	0	2	0	2	2
E W Brown	Kentucky	1355	8	1	0	0	1	0	0
E W Brown	Kentucky	1355	9	0	0	0	1	0	0
East Bend	Kentucky	6018	2	14,960	11,546	3,667	3,947	2,452	2,713
Elmer Smith	Kentucky	1374	1	1,760	2,444	2,237	880	1,027	1,190
Elmer Smith	Kentucky	1374	2	3,256	4,324	3,588	1,644	2,097	2,501
Ghent	Kentucky	1356	1	5,837	5,583	5,503	5,534	4,477	6,046
Ghent	Kentucky	1356	2	15,818	15,034	13,960	15,584	18,152	14,486
Ghent	Kentucky	1356	3	11,326	14,939	15,054	14,786	5,111	4,852
Ghent	Kentucky	1356	4	13,663	15,943	15,669	14,008	17,488	6,064
Green River	Kentucky	1357	4	7,686	7,875	9,017	5,390	10,616	9,306
Green River	Kentucky	1357	5	7,914	10,054	6,901	8,787	11,444	12,513
H L Spurlock	Kentucky	6041	1	21,066	11,527	20,677	15,707	15,689	17,172
H L Spurlock	Kentucky	6041	2	19,296	20,395	19,657	22,075	20,123	11,627
H L Spurlock	Kentucky	6041	3			1,353	1,094	1,131	1,539

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Cane Run	Kentucky	1363	6	4,534	4,825	8,234			
Coleman	Kentucky	1381	C1	1,458	2,297	19,327			
Coleman	Kentucky	1381	C2	1,778	1,205	19,681			
Coleman	Kentucky	1381	C3	656	2,607	21,069			
D B Wilson	Kentucky	6823	W1	6,747	9,095	11,008			
E W Brown	Kentucky	1355	1	3,452	5,425	9,184			
E W Brown	Kentucky	1355	10	0	0	0			
E W Brown	Kentucky	1355	11	0	0	1			
E W Brown	Kentucky	1355	2	6,726	9,135	13,804			
E W Brown	Kentucky	1355	3	22,071	6,362	34,100			
E W Brown	Kentucky	1355	5	0	0	0			
E W Brown	Kentucky	1355	6	0	0	5			
E W Brown	Kentucky	1355	7	0	0	2			
E W Brown	Kentucky	1355	8	0	0	1			
E W Brown	Kentucky	1355	9	0	0	1			
East Bend	Kentucky	6018	2	1,725	1,710	14,960			
Elmer Smith	Kentucky	1374	1	2,424	3,350	3,350			
Elmer Smith	Kentucky	1374	2	4,299	6,231	6,231			
Ghent	Kentucky	1356	1	1,418	1,658	6,046			
Ghent	Kentucky	1356	2	5,044	3,926	18,152			
Ghent	Kentucky	1356	3	3,188	3,736	15,054			
Ghent	Kentucky	1356	4	1,220	2,055	17,488			
Green River	Kentucky	1357	4	5,448	8,440	10,616			
Green River	Kentucky	1357	5	9,276	11,946	12,513			
H L Spurlock	Kentucky	6041	1	4,978	2,328	21,066			
H L Spurlock	Kentucky	6041	2	1,305	1,876	22,075			
H L Spurlock	Kentucky	6041	3	1,260	1,387	1,539			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Cane Run	Kentucky	1363	6				2,317	2,278	2,601
Coleman	Kentucky	1381	C1				2,248	1,899	1,655
Coleman	Kentucky	1381	C2				2,090	1,695	1,723
Coleman	Kentucky	1381	C3				1,862	1,792	1,755
D B Wilson	Kentucky	6823	W1				7,654	6,816	6,330
E W Brown	Kentucky	1355	1				1,946	1,713	1,694
E W Brown	Kentucky	1355	10				5	2	2
E W Brown	Kentucky	1355	11				2	3	2
E W Brown	Kentucky	1355	2				1,805	1,597	1,607
E W Brown	Kentucky	1355	3				4,571	3,574	2,504
E W Brown	Kentucky	1355	5				2	0	64
E W Brown	Kentucky	1355	6				6	4	49
E W Brown	Kentucky	1355	7				4	6	34
E W Brown	Kentucky	1355	8				6	1	3
E W Brown	Kentucky	1355	9				4	2	2
East Bend	Kentucky	6018	2				7,056	6,187	3,952
Elmer Smith	Kentucky	1374	1				7,050	5,124	5,651
Elmer Smith	Kentucky	1374	2				3,695	2,769	2,057
Ghent	Kentucky	1356	1				7,360	4,226	4,778
Ghent	Kentucky	1356	2				4,453	3,767	3,736
Ghent	Kentucky	1356	3				3,264	2,818	2,585
Ghent	Kentucky	1356	4				3,995	3,121	2,810
Green River	Kentucky	1357	4				853	766	900
Green River	Kentucky	1357	5				705	911	655
H L Spurlock	Kentucky	6041	1				3,478	3,015	3,501
H L Spurlock	Kentucky	6041	2				3,441	4,365	3,972
H L Spurlock	Kentucky	6041	3					261	2,616

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Cane Run	Kentucky	1363	6	2,666	2,210	2,066	1,948	1,798	2,666
Coleman	Kentucky	1381	C1	1,852	1,908	1,391	1,744	1,858	2,248
Coleman	Kentucky	1381	C2	1,960	1,661	1,929	1,673	1,585	2,090
Coleman	Kentucky	1381	C3	1,508	1,952	1,958	1,649	2,044	2,044
D B Wilson	Kentucky	6823	W1	5,773	6,599	5,369	990	934	7,654
E W Brown	Kentucky	1355	1	1,378	1,272	1,325	606	1,092	1,946
E W Brown	Kentucky	1355	10	23	7	3	4	6	23
E W Brown	Kentucky	1355	11	12	4	2	5	9	12
E W Brown	Kentucky	1355	2	1,634	1,676	1,741	903	1,279	1,805
E W Brown	Kentucky	1355	3	3,507	3,925	3,990	2,716	3,320	4,571
E W Brown	Kentucky	1355	5	14	11	2	2	5	64
E W Brown	Kentucky	1355	6	26	23	8	19	11	49
E W Brown	Kentucky	1355	7	19	77	10	13	17	77
E W Brown	Kentucky	1355	8	46	20	8	9	9	46
E W Brown	Kentucky	1355	9	25	10	4	2	6	25
East Bend	Kentucky	6018	2	5,400	5,563	4,492	2,436	2,564	7,056
Elmer Smith	Kentucky	1374	1	4,787	3,784	3,183	711	1,306	7,050
Elmer Smith	Kentucky	1374	2	2,258	2,173	2,249	2,298	2,363	3,695
Ghent	Kentucky	1356	1	4,231	3,774	4,018	973	943	7,360
Ghent	Kentucky	1356	2	3,963	4,803	4,019	2,665	3,025	4,803
Ghent	Kentucky	1356	3	3,120	2,939	3,633	1,972	2,935	3,633
Ghent	Kentucky	1356	4	3,004	3,566	4,503	803	1,019	4,503
Green River	Kentucky	1357	4	577	1,070	940	526	844	1,070
Green River	Kentucky	1357	5	905	1,146	1,311	894	1,180	1,311
H L Spurlock	Kentucky	6041	1	3,520	2,796	924	773	963	3,520
H L Spurlock	Kentucky	6041	2	3,881	3,351	1,256	1,253	1,351	4,365
H L Spurlock	Kentucky	6041	3	724	818	777	693	700	2,616

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Cane Run	Kentucky	1363	6						
Coleman	Kentucky	1381	C1						
Coleman	Kentucky	1381	C2						
Coleman	Kentucky	1381	C3						
D B Wilson	Kentucky	6823	W1						
E W Brown	Kentucky	1355	1						
E W Brown	Kentucky	1355	10						
E W Brown	Kentucky	1355	11						
E W Brown	Kentucky	1355	2						
E W Brown	Kentucky	1355	3						
E W Brown	Kentucky	1355	5						
E W Brown	Kentucky	1355	6						
E W Brown	Kentucky	1355	7						
E W Brown	Kentucky	1355	8						
E W Brown	Kentucky	1355	9						
East Bend	Kentucky	6018	2						
Elmer Smith	Kentucky	1374	1						
Elmer Smith	Kentucky	1374	2						
Ghent	Kentucky	1356	1						
Ghent	Kentucky	1356	2						
Ghent	Kentucky	1356	3						
Ghent	Kentucky	1356	4						
Green River	Kentucky	1357	4						
Green River	Kentucky	1357	5						
H L Spurlock	Kentucky	6041	1						
H L Spurlock	Kentucky	6041	2						
H L Spurlock	Kentucky	6041	3						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Cane Run	Kentucky	1363	6		3,327		
Coleman	Kentucky	1381	C1		2,710		
Coleman	Kentucky	1381	C2		2,710		
Coleman	Kentucky	1381	C3		2,890		
D B Wilson	Kentucky	6823	W1		8,518		
E W Brown	Kentucky	1355	1		1,260		
E W Brown	Kentucky	1355	10		0		
E W Brown	Kentucky	1355	11		1		
E W Brown	Kentucky	1355	2		2,361		
E W Brown	Kentucky	1355	3		5,462		
E W Brown	Kentucky	1355	5		0		
E W Brown	Kentucky	1355	6		5		
E W Brown	Kentucky	1355	7		2		
E W Brown	Kentucky	1355	8		1		
E W Brown	Kentucky	1355	9		1		
East Bend	Kentucky	6018	2		10,242		
Elmer Smith	Kentucky	1374	1		2,400		
Elmer Smith	Kentucky	1374	2		4,028		
Ghent	Kentucky	1356	1		6,046		
Ghent	Kentucky	1356	2		7,378		
Ghent	Kentucky	1356	3		8,063		
Ghent	Kentucky	1356	4		6,945		
Green River	Kentucky	1357	4		1,081		
Green River	Kentucky	1357	5		1,395		
H L Spurlock	Kentucky	6041	1		4,960		
H L Spurlock	Kentucky	6041	2		8,852		
H L Spurlock	Kentucky	6041	3		1,539		

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Cane Run	Kentucky	1363	6				
Coleman	Kentucky	1381	C1				
Coleman	Kentucky	1381	C2				
Coleman	Kentucky	1381	C3				
D B Wilson	Kentucky	6823	W1				
E W Brown	Kentucky	1355	1				
E W Brown	Kentucky	1355	10				
E W Brown	Kentucky	1355	11				
E W Brown	Kentucky	1355	2				
E W Brown	Kentucky	1355	3				
E W Brown	Kentucky	1355	5				
E W Brown	Kentucky	1355	6				
E W Brown	Kentucky	1355	7				
E W Brown	Kentucky	1355	8				
E W Brown	Kentucky	1355	9				
East Bend	Kentucky	6018	2				
Elmer Smith	Kentucky	1374	1				
Elmer Smith	Kentucky	1374	2				
Ghent	Kentucky	1356	1				
Ghent	Kentucky	1356	2				
Ghent	Kentucky	1356	3				
Ghent	Kentucky	1356	4				
Green River	Kentucky	1357	4				
Green River	Kentucky	1357	5				
H L Spurlock	Kentucky	6041	1				
H L Spurlock	Kentucky	6041	2				
H L Spurlock	Kentucky	6041	3				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Cane Run	Kentucky	1363	6				
Coleman	Kentucky	1381	C1				
Coleman	Kentucky	1381	C2				
Coleman	Kentucky	1381	C3				
D B Wilson	Kentucky	6823	W1				
E W Brown	Kentucky	1355	1				
E W Brown	Kentucky	1355	10				
E W Brown	Kentucky	1355	11				
E W Brown	Kentucky	1355	2				
E W Brown	Kentucky	1355	3				
E W Brown	Kentucky	1355	5				
E W Brown	Kentucky	1355	6				
E W Brown	Kentucky	1355	7				
E W Brown	Kentucky	1355	8				
E W Brown	Kentucky	1355	9				
East Bend	Kentucky	6018	2				
Elmer Smith	Kentucky	1374	1				
Elmer Smith	Kentucky	1374	2				
Ghent	Kentucky	1356	1				
Ghent	Kentucky	1356	2				
Ghent	Kentucky	1356	3				
Ghent	Kentucky	1356	4				
Green River	Kentucky	1357	4				
Green River	Kentucky	1357	5				
H L Spurlock	Kentucky	6041	1				
H L Spurlock	Kentucky	6041	2				
H L Spurlock	Kentucky	6041	3				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Cane Run	Kentucky	1363	6	5,889,927	5,055,319	5,595,171	5,974,067	5,783,160	5,882,385
Coleman	Kentucky	1381	C1	5,199,754	5,149,362	2,503,172	4,065,348	4,413,566	4,920,894
Coleman	Kentucky	1381	C2	4,887,854	3,428,474	5,654,412	4,235,538	4,391,647	4,977,971
Coleman	Kentucky	1381	C3	4,192,132	5,150,461	5,882,466	3,370,793	5,084,415	5,372,448
D B Wilson	Kentucky	6823	W1	15,017,671	16,005,769	17,107,743	15,812,170	15,229,924	16,308,561
E W Brown	Kentucky	1355	1	2,872,448	2,436,428	2,379,089	718,113	2,344,116	2,562,655
E W Brown	Kentucky	1355	10	273,343	67,041	13,413	7,019	50,578	130,321
E W Brown	Kentucky	1355	11	187,456	44,247	10,095	22,248	61,759	97,821
E W Brown	Kentucky	1355	2	4,231,990	4,579,163	4,367,660	2,715,436	3,161,696	4,392,938
E W Brown	Kentucky	1355	3	7,471,485	11,011,820	10,707,642	6,042,861	9,561,168	10,426,877
E W Brown	Kentucky	1355	5	357,103	237,285	17,352	11,763	72,960	222,450
E W Brown	Kentucky	1355	6	1,065,961	694,987	160,946	203,351	456,689	739,212
E W Brown	Kentucky	1355	7	1,064,076	379,749	170,037	100,147	372,596	605,473
E W Brown	Kentucky	1355	8	534,318	185,401	38,002	52,619	45,733	257,446
E W Brown	Kentucky	1355	9	318,135	127,303	21,139	10,999	70,219	171,886
East Bend	Kentucky	6018	2	19,752,267	15,426,937	20,238,223	16,656,608	17,882,923	19,291,137
Elmer Smith	Kentucky	1374	1	4,834,734	4,404,018	4,272,436	4,349,541	4,502,451	4,580,401
Elmer Smith	Kentucky	1374	2	8,016,058	8,410,362	8,082,371	7,426,284	8,132,344	8,208,359
Ghent	Kentucky	1356	1	16,403,068	16,118,502	16,591,840	14,953,833	16,061,494	16,371,137
Ghent	Kentucky	1356	2	12,168,184	12,854,700	12,011,589	10,348,706	13,289,190	12,770,692
Ghent	Kentucky	1356	3	13,757,234	10,312,157	15,054,171	14,197,323	16,265,762	15,172,419
Ghent	Kentucky	1356	4	12,802,812	13,921,747	11,049,235	11,746,726	12,549,865	13,091,475
Green River	Kentucky	1357	4	1,322,366	2,297,680	1,970,286	1,195,501	2,094,308	2,120,758
Green River	Kentucky	1357	5	2,048,432	2,642,905	2,718,222	2,091,502	2,457,925	2,606,350
H L Spurlock	Kentucky	6041	1	8,980,416	9,270,856	9,265,905	6,924,306	9,084,777	9,207,179
H L Spurlock	Kentucky	6041	2	17,675,376	17,051,323	11,224,440	13,176,155	16,579,599	17,102,099
H L Spurlock	Kentucky	6041	3	6,433,301	8,789,720	8,624,082	8,208,833	8,932,025	8,781,943

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Cane Run	Kentucky	1363	6	461,616,074	0.012743	34,720	31,367	442	400
Coleman	Kentucky	1381	C1	461,616,074	0.010660	34,720	31,367	370	334
Coleman	Kentucky	1381	C2	461,616,074	0.010784	34,720	31,367	374	338
Coleman	Kentucky	1381	C3	461,616,074	0.011638	34,720	31,367	404	365
D B Wilson	Kentucky	6823	W1	461,616,074	0.035329	34,720	31,367	1,227	1,108
E W Brown	Kentucky	1355	1	461,616,074	0.005551	34,720	31,367	193	174
E W Brown	Kentucky	1355	10	461,616,074	0.000282	34,720	31,367	10	9
E W Brown	Kentucky	1355	11	461,616,074	0.000212	34,720	31,367	7	7
E W Brown	Kentucky	1355	2	461,616,074	0.009516	34,720	31,367	330	299
E W Brown	Kentucky	1355	3	461,616,074	0.022588	34,720	31,367	784	709
E W Brown	Kentucky	1355	5	461,616,074	0.000482	34,720	31,367	17	15
E W Brown	Kentucky	1355	6	461,616,074	0.001601	34,720	31,367	56	50
E W Brown	Kentucky	1355	7	461,616,074	0.001312	34,720	31,367	46	41
E W Brown	Kentucky	1355	8	461,616,074	0.000558	34,720	31,367	19	17
E W Brown	Kentucky	1355	9	461,616,074	0.000372	34,720	31,367	13	12
East Bend	Kentucky	6018	2	461,616,074	0.041790	34,720	31,367	1,451	1,311
Elmer Smith	Kentucky	1374	1	461,616,074	0.009923	34,720	31,367	345	311
Elmer Smith	Kentucky	1374	2	461,616,074	0.017782	34,720	31,367	617	558
Ghent	Kentucky	1356	1	461,616,074	0.035465	34,720	31,367	1,231	1,112
Ghent	Kentucky	1356	2	461,616,074	0.027665	34,720	31,367	961	868
Ghent	Kentucky	1356	3	461,616,074	0.032868	34,720	31,367	1,141	1,031
Ghent	Kentucky	1356	4	461,616,074	0.028360	34,720	31,367	985	890
Green River	Kentucky	1357	4	461,616,074	0.004594	34,720	31,367	160	144
Green River	Kentucky	1357	5	461,616,074	0.005646	34,720	31,367	196	177
H L Spurlock	Kentucky	6041	1	461,616,074	0.019946	34,720	31,367	693	626
H L Spurlock	Kentucky	6041	2	461,616,074	0.037048	34,720	31,367	1,286	1,162
H L Spurlock	Kentucky	6041	3	461,616,074	0.019024	34,720	31,367	661	597

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Cane Run	Kentucky	1363	6	1,003	948	1,145	947	798	812
Coleman	Kentucky	1381	C1	996	721	737	810	762	379
Coleman	Kentucky	1381	C2	659	702	636	773	503	865
Coleman	Kentucky	1381	C3	891	604	756	657	762	908
D B Wilson	Kentucky	6823	W1	3,822	1,141	424	344	539	499
E W Brown	Kentucky	1355	1	857	681	646	690	601	543
E W Brown	Kentucky	1355	10	1	0	1	19	5	1
E W Brown	Kentucky	1355	11	0	0	1	11	3	1
E W Brown	Kentucky	1355	2	881	709	552	694	755	688
E W Brown	Kentucky	1355	3	2,179	1,773	1,093	1,252	1,796	1,619
E W Brown	Kentucky	1355	5	0	0	46	12	8	1
E W Brown	Kentucky	1355	6	3	1	38	25	14	4
E W Brown	Kentucky	1355	7	3	3	23	18	6	3
E W Brown	Kentucky	1355	8	1	1	1	37	12	3
E W Brown	Kentucky	1355	9	1	0	1	19	7	1
East Bend	Kentucky	6018	2	585	1,248	660	510	828	1,035
Elmer Smith	Kentucky	1374	1	2,868	704	432	289	482	272
Elmer Smith	Kentucky	1374	2	1,485	1,056	769	925	978	1,011
Ghent	Kentucky	1356	1	2,618	897	339	428	615	658
Ghent	Kentucky	1356	2	1,848	1,422	1,620	1,560	1,719	1,641
Ghent	Kentucky	1356	3	1,529	580	190	206	394	574
Ghent	Kentucky	1356	4	1,791	586	188	186	230	1,318
Green River	Kentucky	1357	4	308	253	333	258	422	403
Green River	Kentucky	1357	5	267	435	145	397	520	556
H L Spurlock	Kentucky	6041	1	1,067	593	601	508	522	378
H L Spurlock	Kentucky	6041	2	667	1,458	717	645	712	411
H L Spurlock	Kentucky	6041	3			367	273	366	327

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Cane Run	Kentucky	1363	6	854	833	1,145			
Coleman	Kentucky	1381	C1	675	733	996			
Coleman	Kentucky	1381	C2	690	735	865			
Coleman	Kentucky	1381	C3	552	857	908			
D B Wilson	Kentucky	6823	W1	484	378	3,822			
E W Brown	Kentucky	1355	1	168	582	857			
E W Brown	Kentucky	1355	10	0	3	19			
E W Brown	Kentucky	1355	11	1	4	11			
E W Brown	Kentucky	1355	2	488	593	881			
E W Brown	Kentucky	1355	3	961	1,509	2,179			
E W Brown	Kentucky	1355	5	0	2	46			
E W Brown	Kentucky	1355	6	7	8	38			
E W Brown	Kentucky	1355	7	4	10	23			
E W Brown	Kentucky	1355	8	3	3	37			
E W Brown	Kentucky	1355	9	1	4	19			
East Bend	Kentucky	6018	2	738	1,090	1,248			
Elmer Smith	Kentucky	1374	1	279	676	2,868			
Elmer Smith	Kentucky	1374	2	923	1,087	1,485			
Ghent	Kentucky	1356	1	397	379	2,618			
Ghent	Kentucky	1356	2	944	1,137	1,848			
Ghent	Kentucky	1356	3	1,054	1,261	1,529			
Ghent	Kentucky	1356	4	252	414	1,791			
Green River	Kentucky	1357	4	242	436	436			
Green River	Kentucky	1357	5	406	501	556			
H L Spurlock	Kentucky	6041	1	319	397	1,067			
H L Spurlock	Kentucky	6041	2	501	626	1,458			
H L Spurlock	Kentucky	6041	3	304	308	367			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Cane Run	Kentucky	1363	6					
Coleman	Kentucky	1381	C1					
Coleman	Kentucky	1381	C2					
Coleman	Kentucky	1381	C3					
D B Wilson	Kentucky	6823	W1					
E W Brown	Kentucky	1355	1					
E W Brown	Kentucky	1355	10					
E W Brown	Kentucky	1355	11					
E W Brown	Kentucky	1355	2					
E W Brown	Kentucky	1355	3					
E W Brown	Kentucky	1355	5					
E W Brown	Kentucky	1355	6					
E W Brown	Kentucky	1355	7					
E W Brown	Kentucky	1355	8					
E W Brown	Kentucky	1355	9					
East Bend	Kentucky	6018	2					
Elmer Smith	Kentucky	1374	1					
Elmer Smith	Kentucky	1374	2					
Ghent	Kentucky	1356	1					
Ghent	Kentucky	1356	2					
Ghent	Kentucky	1356	3					
Ghent	Kentucky	1356	4					
Green River	Kentucky	1357	4					
Green River	Kentucky	1357	5					
H L Spurlock	Kentucky	6041	1					
H L Spurlock	Kentucky	6041	2					
H L Spurlock	Kentucky	6041	3					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Cane Run	Kentucky	1363	6					Y
Coleman	Kentucky	1381	C1					Y
Coleman	Kentucky	1381	C2					Y
Coleman	Kentucky	1381	C3					Y
D B Wilson	Kentucky	6823	W1					Y
E W Brown	Kentucky	1355	1					Y
E W Brown	Kentucky	1355	10					Y
E W Brown	Kentucky	1355	11					Y
E W Brown	Kentucky	1355	2					Y
E W Brown	Kentucky	1355	3					Y
E W Brown	Kentucky	1355	5					Y
E W Brown	Kentucky	1355	6					Y
E W Brown	Kentucky	1355	7					Y
E W Brown	Kentucky	1355	8					Y
E W Brown	Kentucky	1355	9					Y
East Bend	Kentucky	6018	2					Y
Elmer Smith	Kentucky	1374	1					Y
Elmer Smith	Kentucky	1374	2					Y
Ghent	Kentucky	1356	1					Y
Ghent	Kentucky	1356	2					Y
Ghent	Kentucky	1356	3					Y
Ghent	Kentucky	1356	4					Y
Green River	Kentucky	1357	4					Y
Green River	Kentucky	1357	5					Y
H L Spurlock	Kentucky	6041	1					Y
H L Spurlock	Kentucky	6041	2					Y
H L Spurlock	Kentucky	6041	3					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Cane Run	Kentucky	1363	6	Y		Y		
Coleman	Kentucky	1381	C1	Y		Y		
Coleman	Kentucky	1381	C2	Y		Y		
Coleman	Kentucky	1381	C3	Y		Y		
D B Wilson	Kentucky	6823	W1	Y		Y		
E W Brown	Kentucky	1355	1	Y		Y		
E W Brown	Kentucky	1355	10	Y		Y		
E W Brown	Kentucky	1355	11	Y		Y		
E W Brown	Kentucky	1355	2	Y		Y		
E W Brown	Kentucky	1355	3	Y		Y		
E W Brown	Kentucky	1355	5	Y		Y		
E W Brown	Kentucky	1355	6	Y		Y		
E W Brown	Kentucky	1355	7	Y		Y		
E W Brown	Kentucky	1355	8	Y		Y		
E W Brown	Kentucky	1355	9	Y		Y		
East Bend	Kentucky	6018	2	Y		Y		
Elmer Smith	Kentucky	1374	1	Y		Y		
Elmer Smith	Kentucky	1374	2	Y		Y		
Ghent	Kentucky	1356	1	Y		Y		
Ghent	Kentucky	1356	2	Y		Y		
Ghent	Kentucky	1356	3	Y		Y		
Ghent	Kentucky	1356	4	Y		Y		
Green River	Kentucky	1357	4	Y		Y		
Green River	Kentucky	1357	5	Y		Y		
H L Spurlock	Kentucky	6041	1	Y		Y		
H L Spurlock	Kentucky	6041	2	Y		Y		
H L Spurlock	Kentucky	6041	3	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
H L Spurlock	Kentucky	6041	4	90241				13,398,627	20,076,539
HMP&L Station 2	Kentucky	1382	H1	929	13,558,497	11,907,051	11,619,798	10,172,479	13,003,466
HMP&L Station 2	Kentucky	1382	H2	930	13,031,335	12,138,860	12,898,020	13,715,326	12,118,692
John S. Cooper	Kentucky	1384	1	932	6,782,280	6,438,029	6,241,176	4,272,138	5,745,590
John S. Cooper	Kentucky	1384	2	933	12,411,394	12,390,011	12,014,031	10,239,504	11,510,162
Marshall	Kentucky	55232	CT1	4240		206,415	70,059	85,761	254,177
Marshall	Kentucky	55232	CT2	4241		196,514	77,650	69,284	256,080
Marshall	Kentucky	55232	CT3	4242		178,894	47,933	70,072	245,569
Marshall	Kentucky	55232	CT4	4243		201,655	54,823	66,014	234,560
Marshall	Kentucky	55232	CT5	4244		176,765	65,084	78,049	227,421
Marshall	Kentucky	55232	CT6	4245		175,692	69,604	89,187	218,724
Marshall	Kentucky	55232	CT7	4246		190,663	56,741	71,280	236,914
Marshall	Kentucky	55232	CT8	4247		190,859	54,094	74,157	223,530
Mill Creek	Kentucky	1364	1	905	18,757,643	21,133,534	18,914,715	19,477,664	19,337,475
Mill Creek	Kentucky	1364	2	906	20,760,431	20,299,155	21,852,320	18,829,209	22,108,693
Mill Creek	Kentucky	1364	3	907	28,680,451	30,003,243	30,008,976	28,372,379	29,536,635
Mill Creek	Kentucky	1364	4	908	30,140,006	34,983,485	33,072,824	36,428,449	33,958,213
Paddy's Run	Kentucky	1366	12	10010			1,314	876	75,336
Paddy's Run	Kentucky	1366	13	909	912,745	666,640	69,002	12,730	146,044
Paradise	Kentucky	1378	1	913	44,104,732	35,362,394	44,884,052	39,680,253	44,095,193
Paradise	Kentucky	1378	2	914	45,638,211	50,437,241	38,968,091	44,740,273	42,549,746
Paradise	Kentucky	1378	3	915	61,305,862	52,779,641	68,920,748	53,796,707	59,060,664
R D Green	Kentucky	6639	G1	2896	20,350,147	18,061,462	20,168,910	19,339,802	19,866,020
R D Green	Kentucky	6639	G2	2897	20,738,893	20,174,731	19,747,962	15,750,036	20,128,970
Riverside Generating Company	Kentucky	55198	GTG101	4105	52,941	128,641	117,265	148,070	185,151
Riverside Generating Company	Kentucky	55198	GTG201	4106	52,028	153,849	121,746	139,319	194,893
Riverside Generating Company	Kentucky	55198	GTG301	4107	44,920	141,971	129,086	104,244	121,303

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
H L Spurlock	Kentucky	6041	4	16,737,583	1,055,615,936	0.015856	218,702	99,907
HMP&L Station 2	Kentucky	1382	H1	12,823,005	1,055,615,936	0.012147	218,702	99,907
HMP&L Station 2	Kentucky	1382	H2	13,214,893	1,055,615,936	0.012519	218,702	99,907
John S. Cooper	Kentucky	1384	1	6,487,162	1,055,615,936	0.006145	218,702	99,907
John S. Cooper	Kentucky	1384	2	12,271,812	1,055,615,936	0.011625	218,702	99,907
Marshall	Kentucky	55232	CT1	182,118	1,055,615,936	0.000173	218,702	99,907
Marshall	Kentucky	55232	CT2	176,748	1,055,615,936	0.000167	218,702	99,907
Marshall	Kentucky	55232	CT3	164,845	1,055,615,936	0.000156	218,702	99,907
Marshall	Kentucky	55232	CT4	167,410	1,055,615,936	0.000159	218,702	99,907
Marshall	Kentucky	55232	CT5	160,745	1,055,615,936	0.000152	218,702	99,907
Marshall	Kentucky	55232	CT6	161,201	1,055,615,936	0.000153	218,702	99,907
Marshall	Kentucky	55232	CT7	166,286	1,055,615,936	0.000158	218,702	99,907
Marshall	Kentucky	55232	CT8	162,848	1,055,615,936	0.000154	218,702	99,907
Mill Creek	Kentucky	1364	1	19,982,891	1,055,615,936	0.018930	218,702	99,907
Mill Creek	Kentucky	1364	2	21,573,814	1,055,615,936	0.020437	218,702	99,907
Mill Creek	Kentucky	1364	3	29,849,618	1,055,615,936	0.028277	218,702	99,907
Mill Creek	Kentucky	1364	4	35,123,382	1,055,615,936	0.033273	218,702	99,907
Paddy's Run	Kentucky	1366	12	25,842	1,055,615,936	0.000024	218,702	99,907
Paddy's Run	Kentucky	1366	13	575,143	1,055,615,936	0.000545	218,702	99,907
Paradise	Kentucky	1378	1	44,361,326	1,055,615,936	0.042024	218,702	99,907
Paradise	Kentucky	1378	2	46,938,575	1,055,615,936	0.044466	218,702	99,907
Paradise	Kentucky	1378	3	63,095,758	1,055,615,936	0.059772	218,702	99,907
R D Green	Kentucky	6639	G1	20,128,359	1,055,615,936	0.019068	218,702	99,907
R D Green	Kentucky	6639	G2	20,347,531	1,055,615,936	0.019276	218,702	99,907
Riverside Generating Company	Kentucky	55198	GTG101	153,954	1,055,615,936	0.000146	218,702	99,907
Riverside Generating Company	Kentucky	55198	GTG201	162,687	1,055,615,936	0.000154	218,702	99,907
Riverside Generating Company	Kentucky	55198	GTG301	130,786	1,055,615,936	0.000124	218,702	99,907

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
H L Spurlock	Kentucky	6041	4	81,683	74,148	3,468	1,584	1,295	1,176
HMP&L Station 2	Kentucky	1382	H1	81,683	74,148	2,657	1,214	992	901
HMP&L Station 2	Kentucky	1382	H2	81,683	74,148	2,738	1,251	1,023	928
John S. Cooper	Kentucky	1384	1	81,683	74,148	1,344	614	502	456
John S. Cooper	Kentucky	1384	2	81,683	74,148	2,542	1,161	950	862
Marshall	Kentucky	55232	CT1	81,683	74,148	38	17	14	13
Marshall	Kentucky	55232	CT2	81,683	74,148	37	17	14	12
Marshall	Kentucky	55232	CT3	81,683	74,148	34	16	13	12
Marshall	Kentucky	55232	CT4	81,683	74,148	35	16	13	12
Marshall	Kentucky	55232	CT5	81,683	74,148	33	15	12	11
Marshall	Kentucky	55232	CT6	81,683	74,148	33	15	12	11
Marshall	Kentucky	55232	CT7	81,683	74,148	34	16	13	12
Marshall	Kentucky	55232	CT8	81,683	74,148	34	15	13	11
Mill Creek	Kentucky	1364	1	81,683	74,148	4,140	1,891	1,546	1,404
Mill Creek	Kentucky	1364	2	81,683	74,148	4,470	2,042	1,669	1,515
Mill Creek	Kentucky	1364	3	81,683	74,148	6,184	2,825	2,310	2,097
Mill Creek	Kentucky	1364	4	81,683	74,148	7,277	3,324	2,718	2,467
Paddy's Run	Kentucky	1366	12	81,683	74,148	5	2	2	2
Paddy's Run	Kentucky	1366	13	81,683	74,148	119	54	45	40
Paradise	Kentucky	1378	1	81,683	74,148	9,191	4,199	3,433	3,116
Paradise	Kentucky	1378	2	81,683	74,148	9,725	4,442	3,632	3,297
Paradise	Kentucky	1378	3	81,683	74,148	13,072	5,972	4,882	4,432
R D Green	Kentucky	6639	G1	81,683	74,148	4,170	1,905	1,558	1,414
R D Green	Kentucky	6639	G2	81,683	74,148	4,216	1,926	1,574	1,429
Riverside Generating Company	Kentucky	55198	GTG101	81,683	74,148	32	15	12	11
Riverside Generating Company	Kentucky	55198	GTG201	81,683	74,148	34	15	13	11
Riverside Generating Company	Kentucky	55198	GTG301	81,683	74,148	27	12	10	9

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
H L Spurlock	Kentucky	6041	4						
HMP&L Station 2	Kentucky	1382	H1	1,966	2,300	2,104	2,070	2,518	1,961
HMP&L Station 2	Kentucky	1382	H2	2,331	2,264	2,637	2,504	2,517	2,683
John S. Cooper	Kentucky	1384	1	7,596	10,364	7,783	7,537	6,738	6,822
John S. Cooper	Kentucky	1384	2	12,999	20,165	15,639	13,645	13,083	13,189
Marshall	Kentucky	55232	CT1					0	0
Marshall	Kentucky	55232	CT2					0	0
Marshall	Kentucky	55232	CT3					0	0
Marshall	Kentucky	55232	CT4					0	0
Marshall	Kentucky	55232	CT5					0	0
Marshall	Kentucky	55232	CT6					0	0
Marshall	Kentucky	55232	CT7					0	0
Marshall	Kentucky	55232	CT8					0	0
Mill Creek	Kentucky	1364	1	3,976	3,760	4,157	3,873	4,228	3,919
Mill Creek	Kentucky	1364	2	4,236	4,792	4,270	4,904	4,843	5,121
Mill Creek	Kentucky	1364	3	8,756	7,775	7,703	8,679	9,441	10,045
Mill Creek	Kentucky	1364	4	8,111	9,365	7,903	8,009	9,384	9,499
Paddy's Run	Kentucky	1366	12						
Paddy's Run	Kentucky	1366	13	0	0	0	0	0	0
Paradise	Kentucky	1378	1	13,661	17,268	13,563	15,146	12,197	14,037
Paradise	Kentucky	1378	2	19,333	16,375	17,320	15,805	18,528	13,115
Paradise	Kentucky	1378	3	75,469	56,928	53,519	52,974	3,926	3,439
R D Green	Kentucky	6639	G1	2,061	2,072	1,434	1,750	1,538	2,078
R D Green	Kentucky	6639	G2	1,073	816	846	816	1,167	1,771
Riverside Generating Company	Kentucky	55198	GTG101	0	0	0	0	0	0
Riverside Generating Company	Kentucky	55198	GTG201	0		0	0	0	0
Riverside Generating Company	Kentucky	55198	GTG301	0		0	0	0	0

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
H L Spurlock	Kentucky	6041	4	732	1,024	1,024				
HMP&L Station 2	Kentucky	1382	H1	1,774	2,093	2,518				
HMP&L Station 2	Kentucky	1382	H2	3,036	2,093	3,036				
John S. Cooper	Kentucky	1384	1	4,454	5,957	10,364				
John S. Cooper	Kentucky	1384	2	10,704	12,052	20,165				
Marshall	Kentucky	55232	CT1	0	0	0				
Marshall	Kentucky	55232	CT2	0	0	0				
Marshall	Kentucky	55232	CT3	0	0	0				
Marshall	Kentucky	55232	CT4	0	0	0				
Marshall	Kentucky	55232	CT5	0	0	0				
Marshall	Kentucky	55232	CT6	0	0	0				
Marshall	Kentucky	55232	CT7	0	0	0				
Marshall	Kentucky	55232	CT8	0	0	0				
Mill Creek	Kentucky	1364	1	3,732	4,653	4,653				
Mill Creek	Kentucky	1364	2	4,123	5,213	5,213				
Mill Creek	Kentucky	1364	3	8,215	9,038	10,045				
Mill Creek	Kentucky	1364	4	8,164	8,228	9,499				
Paddy's Run	Kentucky	1366	12		0	0				
Paddy's Run	Kentucky	1366	13	0	0	0				
Paradise	Kentucky	1378	1	12,975	17,165	17,268		9,721		
Paradise	Kentucky	1378	2	17,242	16,716	19,333		10,286		
Paradise	Kentucky	1378	3	3,589	4,934	75,469		13,826		
R D Green	Kentucky	6639	G1	1,792	1,216	2,078				
R D Green	Kentucky	6639	G2	1,302	949	1,771				
Riverside Generating Company	Kentucky	55198	GTG101	0	0	0				
Riverside Generating Company	Kentucky	55198	GTG201	0	0	0				
Riverside Generating Company	Kentucky	55198	GTG301	0	0	0				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
H L Spurlock	Kentucky	6041	4						
HMP&L Station 2	Kentucky	1382	H1				2,256	2,221	1,574
HMP&L Station 2	Kentucky	1382	H2				2,666	1,927	2,133
John S. Cooper	Kentucky	1384	1				1,572	1,771	1,549
John S. Cooper	Kentucky	1384	2				2,657	3,413	3,066
Marshall	Kentucky	55232	CT1						
Marshall	Kentucky	55232	CT2						
Marshall	Kentucky	55232	CT3						
Marshall	Kentucky	55232	CT4						
Marshall	Kentucky	55232	CT5						
Marshall	Kentucky	55232	CT6						
Marshall	Kentucky	55232	CT7						
Marshall	Kentucky	55232	CT8						
Mill Creek	Kentucky	1364	1				2,461	2,339	3,205
Mill Creek	Kentucky	1364	2				2,300	2,652	2,845
Mill Creek	Kentucky	1364	3				4,840	2,554	3,280
Mill Creek	Kentucky	1364	4				4,795	4,352	3,738
Paddy's Run	Kentucky	1366	12						
Paddy's Run	Kentucky	1366	13				12	13	54
Paradise	Kentucky	1378	1				6,851	14,078	11,465
Paradise	Kentucky	1378	2				9,932	10,328	14,125
Paradise	Kentucky	1378	3				23,020	13,019	10,289
R D Green	Kentucky	6639	G1				3,657	3,323	3,041
R D Green	Kentucky	6639	G2				3,182	3,015	2,650
Riverside Generating Company	Kentucky	55198	GTG101				1	0	4
Riverside Generating Company	Kentucky	55198	GTG201				1	0	5
Riverside Generating Company	Kentucky	55198	GTG301				1	0	3

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
H L Spurlock	Kentucky	6041	4				496	664	664
HMP&L Station 2	Kentucky	1382	H1	2,087	1,891	1,686	458	460	2,256
HMP&L Station 2	Kentucky	1382	H2	1,975	1,794	1,874	580	418	2,666
John S. Cooper	Kentucky	1384	1	1,618	1,543	1,526	989	1,289	1,771
John S. Cooper	Kentucky	1384	2	2,952	2,996	2,939	2,373	2,619	3,413
Marshall	Kentucky	55232	CT1		3	1	1	3	3
Marshall	Kentucky	55232	CT2		4	1	1	3	4
Marshall	Kentucky	55232	CT3		3	1	1	3	3
Marshall	Kentucky	55232	CT4		4	1	1	3	4
Marshall	Kentucky	55232	CT5		4	2	1	3	4
Marshall	Kentucky	55232	CT6		4	1	1	3	4
Marshall	Kentucky	55232	CT7		4	1	1	4	4
Marshall	Kentucky	55232	CT8		4	1	1	3	4
Mill Creek	Kentucky	1364	1	3,117	3,480	2,997	3,127	2,994	3,480
Mill Creek	Kentucky	1364	2	3,355	3,280	3,379	2,992	3,491	3,491
Mill Creek	Kentucky	1364	3	3,258	3,314	3,438	778	850	4,840
Mill Creek	Kentucky	1364	4	2,864	3,955	3,979	1,011	1,169	4,795
Paddy's Run	Kentucky	1366	12			1	0	26	26
Paddy's Run	Kentucky	1366	13	34	26	3	1	6	54
Paradise	Kentucky	1378	1	13,145	8,308	9,594	2,899	3,505	14,078
Paradise	Kentucky	1378	2	13,040	16,709	10,376	2,205	2,491	16,709
Paradise	Kentucky	1378	3	16,837	18,123	14,373	3,246	5,514	23,020
R D Green	Kentucky	6639	G1	3,109	2,651	2,972	2,085	2,050	3,657
R D Green	Kentucky	6639	G2	3,051	2,906	2,885	1,609	2,168	3,182
Riverside Generating Company	Kentucky	55198	GTG101	1	3	3	4	5	5
Riverside Generating Company	Kentucky	55198	GTG201	1	4	4	5	6	6
Riverside Generating Company	Kentucky	55198	GTG301	1	4	4	3	4	4

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
H L Spurlock	Kentucky	6041	4						
HMP&L Station 2	Kentucky	1382	H1						
HMP&L Station 2	Kentucky	1382	H2						
John S. Cooper	Kentucky	1384	1						
John S. Cooper	Kentucky	1384	2						
Marshall	Kentucky	55232	CT1						
Marshall	Kentucky	55232	CT2						
Marshall	Kentucky	55232	CT3						
Marshall	Kentucky	55232	CT4						
Marshall	Kentucky	55232	CT5						
Marshall	Kentucky	55232	CT6						
Marshall	Kentucky	55232	CT7						
Marshall	Kentucky	55232	CT8						
Mill Creek	Kentucky	1364	1						
Mill Creek	Kentucky	1364	2						
Mill Creek	Kentucky	1364	3						
Mill Creek	Kentucky	1364	4						
Paddy's Run	Kentucky	1366	12						
Paddy's Run	Kentucky	1366	13						
Paradise	Kentucky	1378	1						
Paradise	Kentucky	1378	2						
Paradise	Kentucky	1378	3						
R D Green	Kentucky	6639	G1						
R D Green	Kentucky	6639	G2						
Riverside Generating Company	Kentucky	55198	GTG101						
Riverside Generating Company	Kentucky	55198	GTG201						
Riverside Generating Company	Kentucky	55198	GTG301						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
H L Spurlock	Kentucky	6041	4		1,024		
HMP&L Station 2	Kentucky	1382	H1		2,518		
HMP&L Station 2	Kentucky	1382	H2		3,036		
John S. Cooper	Kentucky	1384	1		1,492		
John S. Cooper	Kentucky	1384	2		2,822		
Marshall	Kentucky	55232	CT1		0		
Marshall	Kentucky	55232	CT2		0		
Marshall	Kentucky	55232	CT3		0		
Marshall	Kentucky	55232	CT4		0		
Marshall	Kentucky	55232	CT5		0		
Marshall	Kentucky	55232	CT6		0		
Marshall	Kentucky	55232	CT7		0		
Marshall	Kentucky	55232	CT8		0		
Mill Creek	Kentucky	1364	1		4,595		
Mill Creek	Kentucky	1364	2		4,961		
Mill Creek	Kentucky	1364	3		6,864		
Mill Creek	Kentucky	1364	4		8,076		
Paddy's Run	Kentucky	1366	12		0		
Paddy's Run	Kentucky	1366	13		0		
Paradise	Kentucky	1378	1		9,721		
Paradise	Kentucky	1378	2		10,286		
Paradise	Kentucky	1378	3		13,826		
R D Green	Kentucky	6639	G1		2,078		
R D Green	Kentucky	6639	G2		1,771		
Riverside Generating Company	Kentucky	55198	GTG101		0		
Riverside Generating Company	Kentucky	55198	GTG201		0		
Riverside Generating Company	Kentucky	55198	GTG301		0		

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
H L Spurlock	Kentucky	6041	4				
HMP&L Station 2	Kentucky	1382	H1				
HMP&L Station 2	Kentucky	1382	H2				
John S. Cooper	Kentucky	1384	1				
John S. Cooper	Kentucky	1384	2				
Marshall	Kentucky	55232	CT1				
Marshall	Kentucky	55232	CT2				
Marshall	Kentucky	55232	CT3				
Marshall	Kentucky	55232	CT4				
Marshall	Kentucky	55232	CT5				
Marshall	Kentucky	55232	CT6				
Marshall	Kentucky	55232	CT7				
Marshall	Kentucky	55232	CT8				
Mill Creek	Kentucky	1364	1				
Mill Creek	Kentucky	1364	2				
Mill Creek	Kentucky	1364	3				
Mill Creek	Kentucky	1364	4				
Paddy's Run	Kentucky	1366	12				
Paddy's Run	Kentucky	1366	13				
Paradise	Kentucky	1378	1				
Paradise	Kentucky	1378	2				
Paradise	Kentucky	1378	3				
R D Green	Kentucky	6639	G1				
R D Green	Kentucky	6639	G2				
Riverside Generating Company	Kentucky	55198	GTG101				
Riverside Generating Company	Kentucky	55198	GTG201				
Riverside Generating Company	Kentucky	55198	GTG301				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
H L Spurlock	Kentucky	6041	4				
HMP&L Station 2	Kentucky	1382	H1				
HMP&L Station 2	Kentucky	1382	H2				
John S. Cooper	Kentucky	1384	1				
John S. Cooper	Kentucky	1384	2				
Marshall	Kentucky	55232	CT1				
Marshall	Kentucky	55232	CT2				
Marshall	Kentucky	55232	CT3				
Marshall	Kentucky	55232	CT4				
Marshall	Kentucky	55232	CT5				
Marshall	Kentucky	55232	CT6				
Marshall	Kentucky	55232	CT7				
Marshall	Kentucky	55232	CT8				
Mill Creek	Kentucky	1364	1				
Mill Creek	Kentucky	1364	2				
Mill Creek	Kentucky	1364	3				
Mill Creek	Kentucky	1364	4				
Paddy's Run	Kentucky	1366	12				
Paddy's Run	Kentucky	1366	13				
Paradise	Kentucky	1378	1				
Paradise	Kentucky	1378	2				
Paradise	Kentucky	1378	3				
R D Green	Kentucky	6639	G1				
R D Green	Kentucky	6639	G2				
Riverside Generating Company	Kentucky	55198	GTG101				
Riverside Generating Company	Kentucky	55198	GTG201				
Riverside Generating Company	Kentucky	55198	GTG301				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
H L Spurlock	Kentucky	6041	4				7,494,827	7,787,755	7,641,291
HMP&L Station 2	Kentucky	1382	H1	5,494,016	5,328,359	5,318,929	5,047,151	5,589,305	5,470,560
HMP&L Station 2	Kentucky	1382	H2	5,582,053	5,528,274	5,681,372	5,773,107	5,369,949	5,678,844
John S. Cooper	Kentucky	1384	1	2,889,982	2,347,003	2,493,784	1,222,513	2,135,088	2,576,923
John S. Cooper	Kentucky	1384	2	5,062,077	4,825,836	4,999,034	4,238,105	3,957,496	4,962,315
Marshall	Kentucky	55232	CT1		162,686	31,235	21,147	169,669	121,196
Marshall	Kentucky	55232	CT2		151,421	29,485	20,543	170,258	117,055
Marshall	Kentucky	55232	CT3		132,490	14,917	21,323	171,027	108,280
Marshall	Kentucky	55232	CT4		150,760	19,359	19,965	154,216	108,314
Marshall	Kentucky	55232	CT5		117,689	24,316	20,288	155,581	99,195
Marshall	Kentucky	55232	CT6		124,729	29,547	20,027	151,449	101,908
Marshall	Kentucky	55232	CT7		143,923	18,852	24,669	174,837	114,476
Marshall	Kentucky	55232	CT8		141,218	17,073	17,979	172,575	110,591
Mill Creek	Kentucky	1364	1	7,117,113	8,095,675	8,119,296	8,070,194	8,514,204	8,243,059
Mill Creek	Kentucky	1364	2	8,357,746	8,921,295	8,312,787	8,551,890	9,366,427	8,946,537
Mill Creek	Kentucky	1364	3	12,815,966	14,245,770	13,251,716	12,388,448	12,003,460	13,437,817
Mill Creek	Kentucky	1364	4	15,651,164	14,958,778	15,053,937	15,433,707	15,968,889	15,684,587
Paddy's Run	Kentucky	1366	12					39,858	39,858
Paddy's Run	Kentucky	1366	13	784,894	486,466	55,622	12,730	146,044	472,468
Paradise	Kentucky	1378	1	18,179,995	20,561,605	18,131,634	19,374,365	19,277,009	19,737,659
Paradise	Kentucky	1378	2	20,477,124	20,422,492	15,384,174	19,667,129	15,291,614	20,188,915
Paradise	Kentucky	1378	3	31,200,077	20,422,079	29,922,154	25,724,545	25,039,992	28,948,925
R D Green	Kentucky	6639	G1	8,737,882	8,896,876	7,549,047	7,916,944	7,820,468	8,517,234
R D Green	Kentucky	6639	G2	8,765,794	8,332,991	8,593,381	6,003,986	8,411,654	8,590,277
Riverside Generating Company	Kentucky	55198	GTG101	49,699	98,866	108,638	85,671	75,852	97,725
Riverside Generating Company	Kentucky	55198	GTG201	47,785	123,438	107,276	78,537	102,081	110,931
Riverside Generating Company	Kentucky	55198	GTG301	41,471	114,320	117,048	65,661	53,157	99,010

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
H L Spurlock	Kentucky	6041	4	461,616,074	0.016553	34,720	31,367	575	519
HMP&L Station 2	Kentucky	1382	H1	461,616,074	0.011851	34,720	31,367	411	372
HMP&L Station 2	Kentucky	1382	H2	461,616,074	0.012302	34,720	31,367	427	386
John S. Cooper	Kentucky	1384	1	461,616,074	0.005582	34,720	31,367	194	175
John S. Cooper	Kentucky	1384	2	461,616,074	0.010750	34,720	31,367	373	337
Marshall	Kentucky	55232	CT1	461,616,074	0.000263	34,720	31,367	9	8
Marshall	Kentucky	55232	CT2	461,616,074	0.000254	34,720	31,367	9	8
Marshall	Kentucky	55232	CT3	461,616,074	0.000235	34,720	31,367	8	7
Marshall	Kentucky	55232	CT4	461,616,074	0.000235	34,720	31,367	8	7
Marshall	Kentucky	55232	CT5	461,616,074	0.000215	34,720	31,367	7	7
Marshall	Kentucky	55232	CT6	461,616,074	0.000221	34,720	31,367	8	7
Marshall	Kentucky	55232	CT7	461,616,074	0.000248	34,720	31,367	9	8
Marshall	Kentucky	55232	CT8	461,616,074	0.000240	34,720	31,367	8	8
Mill Creek	Kentucky	1364	1	461,616,074	0.017857	34,720	31,367	620	560
Mill Creek	Kentucky	1364	2	461,616,074	0.019381	34,720	31,367	673	608
Mill Creek	Kentucky	1364	3	461,616,074	0.029110	34,720	31,367	1,011	913
Mill Creek	Kentucky	1364	4	461,616,074	0.033978	34,720	31,367	1,180	1,066
Paddy's Run	Kentucky	1366	12	461,616,074	0.000086	34,720	31,367	3	3
Paddy's Run	Kentucky	1366	13	461,616,074	0.001024	34,720	31,367	36	32
Paradise	Kentucky	1378	1	461,616,074	0.042758	34,720	31,367	1,485	1,341
Paradise	Kentucky	1378	2	461,616,074	0.043735	34,720	31,367	1,518	1,372
Paradise	Kentucky	1378	3	461,616,074	0.062712	34,720	31,367	2,177	1,967
R D Green	Kentucky	6639	G1	461,616,074	0.018451	34,720	31,367	641	579
R D Green	Kentucky	6639	G2	461,616,074	0.018609	34,720	31,367	646	584
Riverside Generating Company	Kentucky	55198	GTG101	461,616,074	0.000212	34,720	31,367	7	7
Riverside Generating Company	Kentucky	55198	GTG201	461,616,074	0.000240	34,720	31,367	8	8
Riverside Generating Company	Kentucky	55198	GTG301	461,616,074	0.000214	34,720	31,367	7	7

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
H L Spurlock	Kentucky	6041	4						
HMP&L Station 2	Kentucky	1382	H1	1,008	429	213	201	158	220
HMP&L Station 2	Kentucky	1382	H2	993	466	204	226	188	214
John S. Cooper	Kentucky	1384	1	622	699	741	699	573	615
John S. Cooper	Kentucky	1384	2	898	1,389	1,349	1,222	1,188	1,229
Marshall	Kentucky	55232	CT1					2	0
Marshall	Kentucky	55232	CT2					2	0
Marshall	Kentucky	55232	CT3					2	0
Marshall	Kentucky	55232	CT4					2	0
Marshall	Kentucky	55232	CT5					2	0
Marshall	Kentucky	55232	CT6					2	0
Marshall	Kentucky	55232	CT7					2	0
Marshall	Kentucky	55232	CT8					2	0
Mill Creek	Kentucky	1364	1	1,055	1,047	1,280	1,152	1,293	1,266
Mill Creek	Kentucky	1364	2	1,062	960	1,129	1,290	1,407	1,265
Mill Creek	Kentucky	1364	3	2,230	320	261	284	337	307
Mill Creek	Kentucky	1364	4	1,990	470	232	321	274	362
Paddy's Run	Kentucky	1366	12						
Paddy's Run	Kentucky	1366	13	11	5	47	25	19	2
Paradise	Kentucky	1378	1	1,253	968	794	840	1,091	1,003
Paradise	Kentucky	1378	2	1,201	1,081	972	1,293	1,171	997
Paradise	Kentucky	1378	3	6,649	1,320	1,127	1,492	1,600	1,480
R D Green	Kentucky	6639	G1	1,535	993	887	908	941	761
R D Green	Kentucky	6639	G2	1,438	899	882	889	885	852
Riverside Generating Company	Kentucky	55198	GTG101	1	0	2	1	2	3
Riverside Generating Company	Kentucky	55198	GTG201	1	0	3	1	3	3
Riverside Generating Company	Kentucky	55198	GTG301	1	0	2	1	3	3

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
H L Spurlock	Kentucky	6041	4	267	245	267			
HMP&L Station 2	Kentucky	1382	H1	198	208	1,008			
HMP&L Station 2	Kentucky	1382	H2	185	179	993			
John S. Cooper	Kentucky	1384	1	284	467	741			
John S. Cooper	Kentucky	1384	2	987	893	1,389			
Marshall	Kentucky	55232	CT1	0	2	2			
Marshall	Kentucky	55232	CT2	0	2	2			
Marshall	Kentucky	55232	CT3	0	2	2			
Marshall	Kentucky	55232	CT4	0	2	2			
Marshall	Kentucky	55232	CT5	0	2	2			
Marshall	Kentucky	55232	CT6	0	2	2			
Marshall	Kentucky	55232	CT7	0	2	2			
Marshall	Kentucky	55232	CT8	0	2	2			
Mill Creek	Kentucky	1364	1	1,285	1,308	1,308			
Mill Creek	Kentucky	1364	2	1,360	1,465	1,465			
Mill Creek	Kentucky	1364	3	315	346	2,230			
Mill Creek	Kentucky	1364	4	360	421	1,990			
Paddy's Run	Kentucky	1366	12		14	14			
Paddy's Run	Kentucky	1366	13	1	6	47			
Paradise	Kentucky	1378	1	1,083	1,093	1,253			
Paradise	Kentucky	1378	2	931	926	1,293			
Paradise	Kentucky	1378	3	1,314	2,237	6,649			
R D Green	Kentucky	6639	G1	881	789	1,535			
R D Green	Kentucky	6639	G2	593	890	1,438			
Riverside Generating Company	Kentucky	55198	GTG101	2	2	3			
Riverside Generating Company	Kentucky	55198	GTG201	2	3	3			
Riverside Generating Company	Kentucky	55198	GTG301	2	2	3			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
H L Spurlock	Kentucky	6041	4					
HMP&L Station 2	Kentucky	1382	H1					
HMP&L Station 2	Kentucky	1382	H2					
John S. Cooper	Kentucky	1384	1					
John S. Cooper	Kentucky	1384	2					
Marshall	Kentucky	55232	CT1					
Marshall	Kentucky	55232	CT2					
Marshall	Kentucky	55232	CT3					
Marshall	Kentucky	55232	CT4					
Marshall	Kentucky	55232	CT5					
Marshall	Kentucky	55232	CT6					
Marshall	Kentucky	55232	CT7					
Marshall	Kentucky	55232	CT8					
Mill Creek	Kentucky	1364	1					
Mill Creek	Kentucky	1364	2					
Mill Creek	Kentucky	1364	3					
Mill Creek	Kentucky	1364	4					
Paddy's Run	Kentucky	1366	12					
Paddy's Run	Kentucky	1366	13					
Paradise	Kentucky	1378	1					
Paradise	Kentucky	1378	2					
Paradise	Kentucky	1378	3					
R D Green	Kentucky	6639	G1					
R D Green	Kentucky	6639	G2					
Riverside Generating Company	Kentucky	55198	GTG101					
Riverside Generating Company	Kentucky	55198	GTG201					
Riverside Generating Company	Kentucky	55198	GTG301					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
H L Spurlock	Kentucky	6041	4					Y
HMP&L Station 2	Kentucky	1382	H1					Y
HMP&L Station 2	Kentucky	1382	H2					Y
John S. Cooper	Kentucky	1384	1					Y
John S. Cooper	Kentucky	1384	2					Y
Marshall	Kentucky	55232	CT1					Y
Marshall	Kentucky	55232	CT2					Y
Marshall	Kentucky	55232	CT3					Y
Marshall	Kentucky	55232	CT4					Y
Marshall	Kentucky	55232	CT5					Y
Marshall	Kentucky	55232	CT6					Y
Marshall	Kentucky	55232	CT7					Y
Marshall	Kentucky	55232	CT8					Y
Mill Creek	Kentucky	1364	1					Y
Mill Creek	Kentucky	1364	2					Y
Mill Creek	Kentucky	1364	3					Y
Mill Creek	Kentucky	1364	4					Y
Paddy's Run	Kentucky	1366	12					Y
Paddy's Run	Kentucky	1366	13					Y
Paradise	Kentucky	1378	1					Y
Paradise	Kentucky	1378	2					Y
Paradise	Kentucky	1378	3					Y
R D Green	Kentucky	6639	G1					Y
R D Green	Kentucky	6639	G2					Y
Riverside Generating Company	Kentucky	55198	GTG101					Y
Riverside Generating Company	Kentucky	55198	GTG201					Y
Riverside Generating Company	Kentucky	55198	GTG301					Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
H L Spurlock	Kentucky	6041	4	Y		Y		
HMP&L Station 2	Kentucky	1382	H1	Y		Y		
HMP&L Station 2	Kentucky	1382	H2	Y		Y		
John S. Cooper	Kentucky	1384	1	Y		Y		
John S. Cooper	Kentucky	1384	2	Y		Y		
Marshall	Kentucky	55232	CT1	Y		Y		
Marshall	Kentucky	55232	CT2	Y		Y		
Marshall	Kentucky	55232	CT3	Y		Y		
Marshall	Kentucky	55232	CT4	Y		Y		
Marshall	Kentucky	55232	CT5	Y		Y		
Marshall	Kentucky	55232	CT6	Y		Y		
Marshall	Kentucky	55232	CT7	Y		Y		
Marshall	Kentucky	55232	CT8	Y		Y		
Mill Creek	Kentucky	1364	1	Y		Y		
Mill Creek	Kentucky	1364	2	Y		Y		
Mill Creek	Kentucky	1364	3	Y		Y		
Mill Creek	Kentucky	1364	4	Y		Y		
Paddy's Run	Kentucky	1366	12	Y		Y		
Paddy's Run	Kentucky	1366	13	Y		Y		
Paradise	Kentucky	1378	1	Y		Y		
Paradise	Kentucky	1378	2	Y		Y		
Paradise	Kentucky	1378	3	Y		Y		
R D Green	Kentucky	6639	G1	Y		Y		
R D Green	Kentucky	6639	G2	Y		Y		
Riverside Generating Company	Kentucky	55198	GTG101	Y		Y		
Riverside Generating Company	Kentucky	55198	GTG201	Y		Y		
Riverside Generating Company	Kentucky	55198	GTG301	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Riverside Generating Company	Kentucky	55198	GTG401	4108	66,491	142,767	125,230	94,679	118,957
Riverside Generating Company	Kentucky	55198	GTG501	4109	65,738	128,963	138,229	93,122	108,568
Robert Reid	Kentucky	1383	R1	931	1,607,295	3,079,000	1,680,997	236,191	1,962,424
Robert Reid	Kentucky	1383	RT	88132	14,782		91,641	44,136	126,361
Shawnee	Kentucky	1379	1	916	10,609,866	10,602,663	9,971,268	7,794,210	8,465,600
Shawnee	Kentucky	1379	10	917	9,373,320	6,820,196	10,459,549	5,514,747	2,135,671
Shawnee	Kentucky	1379	2	918	10,478,542	10,747,025	10,248,321	7,855,718	9,966,009
Shawnee	Kentucky	1379	3	919	10,881,225	10,859,112	9,913,804	9,097,168	9,466,841
Shawnee	Kentucky	1379	4	920	9,907,343	10,475,088	9,380,871	7,811,592	9,712,546
Shawnee	Kentucky	1379	5	921	10,581,061	10,721,119	9,943,449	9,446,190	9,386,864
Shawnee	Kentucky	1379	6	922	10,674,682	9,865,759	10,320,162	8,536,645	8,913,365
Shawnee	Kentucky	1379	7	923	10,616,292	11,685,667	10,300,377	7,458,631	10,255,367
Shawnee	Kentucky	1379	8	924	9,517,806	11,482,277	10,335,596	8,573,128	6,844,747
Shawnee	Kentucky	1379	9	925	9,965,123	10,137,225	10,255,187	8,567,287	8,825,208
Smith Generating Facility	Kentucky	54	SCT1	50	320,714	1,359,906	299,428	695,373	454,191
Smith Generating Facility	Kentucky	54	SCT10	90542					968,861
Smith Generating Facility	Kentucky	54	SCT2	51	573,841	786,426	362,916	231,360	73,535
Smith Generating Facility	Kentucky	54	SCT3	52	208,699	273,407	533,534	987,597	766,153
Smith Generating Facility	Kentucky	54	SCT4	9271	413,043	751,053	274,210	180,280	545,863
Smith Generating Facility	Kentucky	54	SCT5	9272	291,570	641,041	129,736	184,380	504,681
Smith Generating Facility	Kentucky	54	SCT6	89572	658,127	1,110,998	226,986	253,290	860,605
Smith Generating Facility	Kentucky	54	SCT7	89573	513,794	568,202	312,864	375,457	492,089
Smith Generating Facility	Kentucky	54	SCT9	90541					928,076
Trimble County	Kentucky	6071	1	2737	38,139,279	33,499,852	40,469,981	30,713,328	36,474,421
Trimble County	Kentucky	6071	10	2738	802,259	1,482,115	590,814	242,941	1,195,305
Trimble County	Kentucky	6071	5	2739	132,866	1,066,257	855,190	479,505	1,455,682
Trimble County	Kentucky	6071	6	2740	274,060	952,798	820,566	323,358	1,173,244

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Riverside Generating Company	Kentucky	55198	GTG401	128,985	1,055,615,936	0.000122	218,702	99,907
Riverside Generating Company	Kentucky	55198	GTG501	125,253	1,055,615,936	0.000119	218,702	99,907
Robert Reid	Kentucky	1383	R1	2,240,807	1,055,615,936	0.002123	218,702	99,907
Robert Reid	Kentucky	1383	RT	87,379	1,055,615,936	0.000083	218,702	99,907
Shawnee	Kentucky	1379	1	10,394,599	1,055,615,936	0.009847	218,702	99,907
Shawnee	Kentucky	1379	10	8,884,355	1,055,615,936	0.008416	218,702	99,907
Shawnee	Kentucky	1379	2	10,491,296	1,055,615,936	0.009939	218,702	99,907
Shawnee	Kentucky	1379	3	10,551,380	1,055,615,936	0.009995	218,702	99,907
Shawnee	Kentucky	1379	4	10,031,659	1,055,615,936	0.009503	218,702	99,907
Shawnee	Kentucky	1379	5	10,415,210	1,055,615,936	0.009866	218,702	99,907
Shawnee	Kentucky	1379	6	10,286,868	1,055,615,936	0.009745	218,702	99,907
Shawnee	Kentucky	1379	7	10,867,445	1,055,615,936	0.010295	218,702	99,907
Shawnee	Kentucky	1379	8	10,445,226	1,055,615,936	0.009895	218,702	99,907
Shawnee	Kentucky	1379	9	10,119,178	1,055,615,936	0.009586	218,702	99,907
Smith Generating Facility	Kentucky	54	SCT1	836,490	1,055,615,936	0.000792	218,702	99,907
Smith Generating Facility	Kentucky	54	SCT10	968,861	1,055,615,936	0.000918	218,702	99,907
Smith Generating Facility	Kentucky	54	SCT2	574,394	1,055,615,936	0.000544	218,702	99,907
Smith Generating Facility	Kentucky	54	SCT3	762,428	1,055,615,936	0.000722	218,702	99,907
Smith Generating Facility	Kentucky	54	SCT4	569,986	1,055,615,936	0.000540	218,702	99,907
Smith Generating Facility	Kentucky	54	SCT5	479,097	1,055,615,936	0.000454	218,702	99,907
Smith Generating Facility	Kentucky	54	SCT6	876,576	1,055,615,936	0.000830	218,702	99,907
Smith Generating Facility	Kentucky	54	SCT7	524,695	1,055,615,936	0.000497	218,702	99,907
Smith Generating Facility	Kentucky	54	SCT9	928,076	1,055,615,936	0.000879	218,702	99,907
Trimble County	Kentucky	6071	1	38,361,227	1,055,615,936	0.036340	218,702	99,907
Trimble County	Kentucky	6071	10	1,159,893	1,055,615,936	0.001099	218,702	99,907
Trimble County	Kentucky	6071	5	1,125,710	1,055,615,936	0.001066	218,702	99,907
Trimble County	Kentucky	6071	6	982,202	1,055,615,936	0.000930	218,702	99,907

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Riverside Generating Company	Kentucky	55198	GTG401	81,683	74,148	27	12	10	9
Riverside Generating Company	Kentucky	55198	GTG501	81,683	74,148	26	12	10	9
Robert Reid	Kentucky	1383	R1	81,683	74,148	464	212	173	157
Robert Reid	Kentucky	1383	RT	81,683	74,148	18	8	7	6
Shawnee	Kentucky	1379	1	81,683	74,148	2,154	984	804	730
Shawnee	Kentucky	1379	10	81,683	74,148	1,841	841	687	624
Shawnee	Kentucky	1379	2	81,683	74,148	2,174	993	812	737
Shawnee	Kentucky	1379	3	81,683	74,148	2,186	999	816	741
Shawnee	Kentucky	1379	4	81,683	74,148	2,078	949	776	705
Shawnee	Kentucky	1379	5	81,683	74,148	2,158	986	806	732
Shawnee	Kentucky	1379	6	81,683	74,148	2,131	974	796	723
Shawnee	Kentucky	1379	7	81,683	74,148	2,252	1,029	841	763
Shawnee	Kentucky	1379	8	81,683	74,148	2,164	989	808	734
Shawnee	Kentucky	1379	9	81,683	74,148	2,096	958	783	711
Smith Generating Facility	Kentucky	54	SCT1	81,683	74,148	173	79	65	59
Smith Generating Facility	Kentucky	54	SCT10	81,683	74,148	201	92	75	68
Smith Generating Facility	Kentucky	54	SCT2	81,683	74,148	119	54	44	40
Smith Generating Facility	Kentucky	54	SCT3	81,683	74,148	158	72	59	54
Smith Generating Facility	Kentucky	54	SCT4	81,683	74,148	118	54	44	40
Smith Generating Facility	Kentucky	54	SCT5	81,683	74,148	99	45	37	34
Smith Generating Facility	Kentucky	54	SCT6	81,683	74,148	182	83	68	62
Smith Generating Facility	Kentucky	54	SCT7	81,683	74,148	109	50	41	37
Smith Generating Facility	Kentucky	54	SCT9	81,683	74,148	192	88	72	65
Trimble County	Kentucky	6071	1	81,683	74,148	7,948	3,631	2,968	2,695
Trimble County	Kentucky	6071	10	81,683	74,148	240	110	90	81
Trimble County	Kentucky	6071	5	81,683	74,148	233	107	87	79
Trimble County	Kentucky	6071	6	81,683	74,148	203	93	76	69

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Riverside Generating Company	Kentucky	55198	GTG401	0	0	0	0	0	0
Riverside Generating Company	Kentucky	55198	GTG501	0		0	0	0	0
Robert Reid	Kentucky	1383	R1	9,590	5,648	9,280	3,690	6,736	3,937
Robert Reid	Kentucky	1383	RT						
Shawnee	Kentucky	1379	1	4,045	3,783	3,685	3,942	3,891	3,824
Shawnee	Kentucky	1379	10	1,782	1,562	2,168	1,681	1,415	2,281
Shawnee	Kentucky	1379	2	3,510	3,845	3,695	3,892	3,944	3,931
Shawnee	Kentucky	1379	3	3,839	3,834	3,569	4,042	3,984	3,804
Shawnee	Kentucky	1379	4	3,850	3,307	4,067	3,693	3,843	3,568
Shawnee	Kentucky	1379	5	3,901	3,399	4,129	3,931	3,936	3,805
Shawnee	Kentucky	1379	6	3,335	3,751	3,887	3,831	3,511	3,856
Shawnee	Kentucky	1379	7	3,897	3,604	3,412	3,811	4,138	3,851
Shawnee	Kentucky	1379	8	3,752	3,636	3,747	3,422	4,073	3,866
Shawnee	Kentucky	1379	9	3,603	3,165	3,872	3,569	3,571	3,835
Smith Generating Facility	Kentucky	54	SCT1	4	1	0	0	0	1
Smith Generating Facility	Kentucky	54	SCT10						
Smith Generating Facility	Kentucky	54	SCT2	3	1	1	0	1	0
Smith Generating Facility	Kentucky	54	SCT3	2	0	0	0	0	1
Smith Generating Facility	Kentucky	54	SCT4	2	1	1	0	0	0
Smith Generating Facility	Kentucky	54	SCT5	0	0	0	0	0	0
Smith Generating Facility	Kentucky	54	SCT6			0	0	0	0
Smith Generating Facility	Kentucky	54	SCT7			0	0	0	1
Smith Generating Facility	Kentucky	54	SCT9						
Trimble County	Kentucky	6071	1	5,945	4,725	5,236	829	1,045	1,473
Trimble County	Kentucky	6071	10		0	0	0	0	0
Trimble County	Kentucky	6071	5	0	0	0	0	0	0
Trimble County	Kentucky	6071	6	0	0	0	0	0	0

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Riverside Generating Company	Kentucky	55198	GTG401	0	0	0			
Riverside Generating Company	Kentucky	55198	GTG501	0	0	0			
Robert Reid	Kentucky	1383	R1	545	4,525	9,590			
Robert Reid	Kentucky	1383	RT	11	4	11			
Shawnee	Kentucky	1379	1	2,724	2,881	4,045		2,278	
Shawnee	Kentucky	1379	10	1,008	452	2,281		1,947	
Shawnee	Kentucky	1379	2	2,777	3,392	3,944		2,299	
Shawnee	Kentucky	1379	3	3,200	3,221	4,042		2,313	
Shawnee	Kentucky	1379	4	2,768	3,312	4,067		2,199	
Shawnee	Kentucky	1379	5	3,321	3,183	4,129		2,283	
Shawnee	Kentucky	1379	6	3,012	2,987	3,887		2,255	
Shawnee	Kentucky	1379	7	2,585	3,440	4,138		2,381	
Shawnee	Kentucky	1379	8	3,019	2,349	4,073		2,289	
Shawnee	Kentucky	1379	9	3,007	2,958	3,872		2,218	
Smith Generating Facility	Kentucky	54	SCT1	0	0	4			
Smith Generating Facility	Kentucky	54	SCT10		0	0			
Smith Generating Facility	Kentucky	54	SCT2	0	0	3			
Smith Generating Facility	Kentucky	54	SCT3	0	0	2			
Smith Generating Facility	Kentucky	54	SCT4	1	0	2			
Smith Generating Facility	Kentucky	54	SCT5	0	0	0			
Smith Generating Facility	Kentucky	54	SCT6	0	1	1			
Smith Generating Facility	Kentucky	54	SCT7	0	0	1			
Smith Generating Facility	Kentucky	54	SCT9		0	0			
Trimble County	Kentucky	6071	1	1,217	1,574	5,945			
Trimble County	Kentucky	6071	10	0	0	0			
Trimble County	Kentucky	6071	5	0	0	0			
Trimble County	Kentucky	6071	6	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Riverside Generating Company	Kentucky	55198	GTG401				2	0	6
Riverside Generating Company	Kentucky	55198	GTG501				2	0	5
Robert Reid	Kentucky	1383	R1				1,164	562	1,097
Robert Reid	Kentucky	1383	RT				12	47	23
Shawnee	Kentucky	1379	1				2,133	1,842	1,886
Shawnee	Kentucky	1379	10				1,424	1,684	1,733
Shawnee	Kentucky	1379	2				1,828	1,871	1,910
Shawnee	Kentucky	1379	3				2,036	1,866	1,841
Shawnee	Kentucky	1379	4				2,026	1,622	2,108
Shawnee	Kentucky	1379	5				2,057	1,652	2,140
Shawnee	Kentucky	1379	6				1,934	2,137	2,022
Shawnee	Kentucky	1379	7				2,234	2,052	1,777
Shawnee	Kentucky	1379	8				2,150	2,063	1,949
Shawnee	Kentucky	1379	9				2,100	1,808	2,012
Smith Generating Facility	Kentucky	54	SCT1				20	17	10
Smith Generating Facility	Kentucky	54	SCT10						
Smith Generating Facility	Kentucky	54	SCT2				43	26	44
Smith Generating Facility	Kentucky	54	SCT3				24	21	16
Smith Generating Facility	Kentucky	54	SCT4				10	8	24
Smith Generating Facility	Kentucky	54	SCT5				3	4	7
Smith Generating Facility	Kentucky	54	SCT6					229	375
Smith Generating Facility	Kentucky	54	SCT7					104	259
Smith Generating Facility	Kentucky	54	SCT9						
Trimble County	Kentucky	6071	1				3,950	4,399	3,381
Trimble County	Kentucky	6071	10					4	16
Trimble County	Kentucky	6071	5				7	4	1
Trimble County	Kentucky	6071	6				6	5	4

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Riverside Generating Company	Kentucky	55198	GTG401	2	4	4	3	3	6
Riverside Generating Company	Kentucky	55198	GTG501	2	3	4	3	3	5
Robert Reid	Kentucky	1383	R1	445	757	399	60	512	1,164
Robert Reid	Kentucky	1383	RT	9		55	26	45	55
Shawnee	Kentucky	1379	1	2,006	1,988	2,105	1,437	1,671	2,133
Shawnee	Kentucky	1379	10	1,197	1,226	1,917	717	311	1,917
Shawnee	Kentucky	1379	2	1,978	2,014	2,166	1,451	1,980	2,166
Shawnee	Kentucky	1379	3	2,056	2,036	2,090	1,677	1,880	2,090
Shawnee	Kentucky	1379	4	1,863	1,962	1,972	1,459	1,936	2,108
Shawnee	Kentucky	1379	5	2,001	2,010	2,103	1,736	1,857	2,140
Shawnee	Kentucky	1379	6	1,861	1,799	1,916	1,343	1,596	2,137
Shawnee	Kentucky	1379	7	1,849	2,108	1,918	1,139	1,813	2,234
Shawnee	Kentucky	1379	8	1,659	2,071	1,918	1,330	1,205	2,150
Shawnee	Kentucky	1379	9	1,746	1,830	1,901	1,317	1,540	2,100
Smith Generating Facility	Kentucky	54	SCT1	12	49	12	27	18	49
Smith Generating Facility	Kentucky	54	SCT10					6	6
Smith Generating Facility	Kentucky	54	SCT2	22	31	14	9	3	44
Smith Generating Facility	Kentucky	54	SCT3	8	11	21	39	30	39
Smith Generating Facility	Kentucky	54	SCT4	6	18	15	11	11	24
Smith Generating Facility	Kentucky	54	SCT5	4	9	2	4	8	9
Smith Generating Facility	Kentucky	54	SCT6	9	15	4	5	14	375
Smith Generating Facility	Kentucky	54	SCT7	7	9	5	6	6	259
Smith Generating Facility	Kentucky	54	SCT9					6	6
Trimble County	Kentucky	6071	1	3,935	3,523	3,808	1,111	910	4,399
Trimble County	Kentucky	6071	10	11	24	10	5	18	24
Trimble County	Kentucky	6071	5	2	14	12	7	21	21
Trimble County	Kentucky	6071	6	4	14	14	6	17	17

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Riverside Generating Company	Kentucky	55198	GTG401						
Riverside Generating Company	Kentucky	55198	GTG501						
Robert Reid	Kentucky	1383	R1						
Robert Reid	Kentucky	1383	RT						
Shawnee	Kentucky	1379	1						
Shawnee	Kentucky	1379	10						
Shawnee	Kentucky	1379	2						
Shawnee	Kentucky	1379	3						
Shawnee	Kentucky	1379	4						
Shawnee	Kentucky	1379	5						
Shawnee	Kentucky	1379	6						
Shawnee	Kentucky	1379	7						
Shawnee	Kentucky	1379	8						
Shawnee	Kentucky	1379	9						
Smith Generating Facility	Kentucky	54	SCT1						
Smith Generating Facility	Kentucky	54	SCT10						
Smith Generating Facility	Kentucky	54	SCT2						
Smith Generating Facility	Kentucky	54	SCT3						
Smith Generating Facility	Kentucky	54	SCT4						
Smith Generating Facility	Kentucky	54	SCT5						
Smith Generating Facility	Kentucky	54	SCT6						
Smith Generating Facility	Kentucky	54	SCT7						
Smith Generating Facility	Kentucky	54	SCT9						
Trimble County	Kentucky	6071	1						
Trimble County	Kentucky	6071	10						
Trimble County	Kentucky	6071	5						
Trimble County	Kentucky	6071	6						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Riverside Generating Company	Kentucky	55198	GTG401		0		
Riverside Generating Company	Kentucky	55198	GTG501		0		
Robert Reid	Kentucky	1383	R1		515		
Robert Reid	Kentucky	1383	RT		11		
Shawnee	Kentucky	1379	1		2,278		
Shawnee	Kentucky	1379	10		1,947		
Shawnee	Kentucky	1379	2		2,299		
Shawnee	Kentucky	1379	3		2,313		
Shawnee	Kentucky	1379	4		2,199		
Shawnee	Kentucky	1379	5		2,283		
Shawnee	Kentucky	1379	6		2,255		
Shawnee	Kentucky	1379	7		2,381		
Shawnee	Kentucky	1379	8		2,289		
Shawnee	Kentucky	1379	9		2,218		
Smith Generating Facility	Kentucky	54	SCT1		4		
Smith Generating Facility	Kentucky	54	SCT10		0		
Smith Generating Facility	Kentucky	54	SCT2		3		
Smith Generating Facility	Kentucky	54	SCT3		2		
Smith Generating Facility	Kentucky	54	SCT4		2		
Smith Generating Facility	Kentucky	54	SCT5		0		
Smith Generating Facility	Kentucky	54	SCT6		1		
Smith Generating Facility	Kentucky	54	SCT7		1		
Smith Generating Facility	Kentucky	54	SCT9		0		
Trimble County	Kentucky	6071	1		5,945		
Trimble County	Kentucky	6071	10		0		
Trimble County	Kentucky	6071	5		0		
Trimble County	Kentucky	6071	6		0		

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Riverside Generating Company	Kentucky	55198	GTG401				
Riverside Generating Company	Kentucky	55198	GTG501				
Robert Reid	Kentucky	1383	R1				
Robert Reid	Kentucky	1383	RT				
Shawnee	Kentucky	1379	1				
Shawnee	Kentucky	1379	10				
Shawnee	Kentucky	1379	2				
Shawnee	Kentucky	1379	3				
Shawnee	Kentucky	1379	4				
Shawnee	Kentucky	1379	5				
Shawnee	Kentucky	1379	6				
Shawnee	Kentucky	1379	7				
Shawnee	Kentucky	1379	8				
Shawnee	Kentucky	1379	9				
Smith Generating Facility	Kentucky	54	SCT1				
Smith Generating Facility	Kentucky	54	SCT10				
Smith Generating Facility	Kentucky	54	SCT2				
Smith Generating Facility	Kentucky	54	SCT3				
Smith Generating Facility	Kentucky	54	SCT4				
Smith Generating Facility	Kentucky	54	SCT5				
Smith Generating Facility	Kentucky	54	SCT6				
Smith Generating Facility	Kentucky	54	SCT7				
Smith Generating Facility	Kentucky	54	SCT9				
Trimble County	Kentucky	6071	1				
Trimble County	Kentucky	6071	10				
Trimble County	Kentucky	6071	5				
Trimble County	Kentucky	6071	6				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Riverside Generating Company	Kentucky	55198	GTG401				
Riverside Generating Company	Kentucky	55198	GTG501				
Robert Reid	Kentucky	1383	R1				
Robert Reid	Kentucky	1383	RT				
Shawnee	Kentucky	1379	1				
Shawnee	Kentucky	1379	10				
Shawnee	Kentucky	1379	2				
Shawnee	Kentucky	1379	3				
Shawnee	Kentucky	1379	4				
Shawnee	Kentucky	1379	5				
Shawnee	Kentucky	1379	6				
Shawnee	Kentucky	1379	7				
Shawnee	Kentucky	1379	8				
Shawnee	Kentucky	1379	9				
Smith Generating Facility	Kentucky	54	SCT1				
Smith Generating Facility	Kentucky	54	SCT10				
Smith Generating Facility	Kentucky	54	SCT2				
Smith Generating Facility	Kentucky	54	SCT3				
Smith Generating Facility	Kentucky	54	SCT4				
Smith Generating Facility	Kentucky	54	SCT5				
Smith Generating Facility	Kentucky	54	SCT6				
Smith Generating Facility	Kentucky	54	SCT7				
Smith Generating Facility	Kentucky	54	SCT9				
Trimble County	Kentucky	6071	1				
Trimble County	Kentucky	6071	10				
Trimble County	Kentucky	6071	5				
Trimble County	Kentucky	6071	6				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Riverside Generating Company	Kentucky	55198	GTG401	63,572	126,183	117,269	66,638	61,883	103,363
Riverside Generating Company	Kentucky	55198	GTG501	62,909	112,749	126,091	65,282	63,515	101,374
Robert Reid	Kentucky	1383	R1	755,015	1,244,850	456,770	152,654	824,447	941,437
Robert Reid	Kentucky	1383	RT	7,420		63,576	12,290	95,540	57,135
Shawnee	Kentucky	1379	1	4,536,665	4,523,891	4,048,150	3,492,274	3,591,358	4,369,569
Shawnee	Kentucky	1379	10	4,510,388	3,093,309	4,745,020	2,837,368	1,056,080	4,116,239
Shawnee	Kentucky	1379	2	4,468,745	4,506,096	4,256,225	3,655,231	4,288,094	4,420,978
Shawnee	Kentucky	1379	3	4,682,421	4,563,349	4,463,084	3,834,427	3,984,389	4,569,618
Shawnee	Kentucky	1379	4	3,932,139	4,425,681	4,556,180	3,380,205	4,139,919	4,373,926
Shawnee	Kentucky	1379	5	4,503,046	4,509,862	4,415,525	3,863,913	3,488,011	4,476,144
Shawnee	Kentucky	1379	6	4,478,802	4,245,036	4,287,774	3,884,940	4,095,693	4,337,204
Shawnee	Kentucky	1379	7	4,400,848	5,076,684	4,200,527	3,022,290	4,349,709	4,609,080
Shawnee	Kentucky	1379	8	4,583,405	4,886,249	4,244,528	3,911,252	3,213,009	4,571,394
Shawnee	Kentucky	1379	9	4,362,343	5,207,524	4,193,612	3,574,040	3,980,942	4,587,826
Smith Generating Facility	Kentucky	54	SCT1	182,841	725,734	135,576	259,555	169,747	389,377
Smith Generating Facility	Kentucky	54	SCT10					581,124	581,124
Smith Generating Facility	Kentucky	54	SCT2	317,063	447,179	77,188	66,428	53,398	280,477
Smith Generating Facility	Kentucky	54	SCT3	166,562	151,798	434,907	323,469	362,960	373,778
Smith Generating Facility	Kentucky	54	SCT4	358,860	599,149	108,548	33,311	434,735	464,248
Smith Generating Facility	Kentucky	54	SCT5	229,974	434,222	53,561	83,975	299,816	321,337
Smith Generating Facility	Kentucky	54	SCT6	473,588	675,566	61,815	165,400	480,661	543,272
Smith Generating Facility	Kentucky	54	SCT7	355,538	234,520	103,960	130,144	394,936	328,331
Smith Generating Facility	Kentucky	54	SCT9					584,274	584,274
Trimble County	Kentucky	6071	1	15,613,675	15,337,312	16,746,076	15,864,516	15,490,669	16,074,755
Trimble County	Kentucky	6071	10	675,858	974,166	546,470	86,973	843,186	831,070
Trimble County	Kentucky	6071	5	101,913	777,097	466,671	262,107	1,010,886	751,551
Trimble County	Kentucky	6071	6	202,043	643,257	535,389	137,960	997,945	725,530

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Riverside Generating Company	Kentucky	55198	GTG401	461,616,074	0.000224	34,720	31,367	8	7
Riverside Generating Company	Kentucky	55198	GTG501	461,616,074	0.000220	34,720	31,367	8	7
Robert Reid	Kentucky	1383	R1	461,616,074	0.002039	34,720	31,367	71	64
Robert Reid	Kentucky	1383	RT	461,616,074	0.000124	34,720	31,367	4	4
Shawnee	Kentucky	1379	1	461,616,074	0.009466	34,720	31,367	329	297
Shawnee	Kentucky	1379	10	461,616,074	0.008917	34,720	31,367	310	280
Shawnee	Kentucky	1379	2	461,616,074	0.009577	34,720	31,367	333	300
Shawnee	Kentucky	1379	3	461,616,074	0.009899	34,720	31,367	344	311
Shawnee	Kentucky	1379	4	461,616,074	0.009475	34,720	31,367	329	297
Shawnee	Kentucky	1379	5	461,616,074	0.009697	34,720	31,367	337	304
Shawnee	Kentucky	1379	6	461,616,074	0.009396	34,720	31,367	326	295
Shawnee	Kentucky	1379	7	461,616,074	0.009985	34,720	31,367	347	313
Shawnee	Kentucky	1379	8	461,616,074	0.009903	34,720	31,367	344	311
Shawnee	Kentucky	1379	9	461,616,074	0.009939	34,720	31,367	345	312
Smith Generating Facility	Kentucky	54	SCT1	461,616,074	0.000844	34,720	31,367	29	26
Smith Generating Facility	Kentucky	54	SCT10	461,616,074	0.001259	34,720	31,367	44	39
Smith Generating Facility	Kentucky	54	SCT2	461,616,074	0.000608	34,720	31,367	21	19
Smith Generating Facility	Kentucky	54	SCT3	461,616,074	0.000810	34,720	31,367	28	25
Smith Generating Facility	Kentucky	54	SCT4	461,616,074	0.001006	34,720	31,367	35	32
Smith Generating Facility	Kentucky	54	SCT5	461,616,074	0.000696	34,720	31,367	24	22
Smith Generating Facility	Kentucky	54	SCT6	461,616,074	0.001177	34,720	31,367	41	37
Smith Generating Facility	Kentucky	54	SCT7	461,616,074	0.000711	34,720	31,367	25	22
Smith Generating Facility	Kentucky	54	SCT9	461,616,074	0.001266	34,720	31,367	44	40
Trimble County	Kentucky	6071	1	461,616,074	0.034823	34,720	31,367	1,209	1,092
Trimble County	Kentucky	6071	10	461,616,074	0.001800	34,720	31,367	63	56
Trimble County	Kentucky	6071	5	461,616,074	0.001628	34,720	31,367	57	51
Trimble County	Kentucky	6071	6	461,616,074	0.001572	34,720	31,367	55	49

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Riverside Generating Company	Kentucky	55198	GTG401	1	0	3	2	3	4
Riverside Generating Company	Kentucky	55198	GTG501	1	0	3	2	3	3
Robert Reid	Kentucky	1383	R1	473	105	433	219	282	126
Robert Reid	Kentucky	1383	RT	12	47	23	4		38
Shawnee	Kentucky	1379	1	829	744	847	851	852	834
Shawnee	Kentucky	1379	10	518	525	857	804	562	853
Shawnee	Kentucky	1379	2	805	756	847	837	849	879
Shawnee	Kentucky	1379	3	803	768	902	879	860	917
Shawnee	Kentucky	1379	4	787	695	868	730	833	942
Shawnee	Kentucky	1379	5	802	753	885	846	849	912
Shawnee	Kentucky	1379	6	823	841	851	798	790	780
Shawnee	Kentucky	1379	7	955	800	822	783	929	762
Shawnee	Kentucky	1379	8	969	822	818	816	895	770
Shawnee	Kentucky	1379	9	843	577	850	777	952	762
Smith Generating Facility	Kentucky	54	SCT1	7	5	3	7	26	5
Smith Generating Facility	Kentucky	54	SCT10						
Smith Generating Facility	Kentucky	54	SCT2	24	11	34	12	17	3
Smith Generating Facility	Kentucky	54	SCT3	10	10	10	6	6	17
Smith Generating Facility	Kentucky	54	SCT4	3	3	17	4	8	1
Smith Generating Facility	Kentucky	54	SCT5	2	1	5	2	6	1
Smith Generating Facility	Kentucky	54	SCT6			11	6	9	1
Smith Generating Facility	Kentucky	54	SCT7			9	4	3	1
Smith Generating Facility	Kentucky	54	SCT9						
Trimble County	Kentucky	6071	1	502	722	246	374	395	435
Trimble County	Kentucky	6071	10		2	11	9	15	9
Trimble County	Kentucky	6071	5	6	2	1	1	10	6
Trimble County	Kentucky	6071	6	4	3	4	3	9	8

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Riverside Generating Company	Kentucky	55198	GTG401	2	2	4			
Riverside Generating Company	Kentucky	55198	GTG501	2	2	3			
Robert Reid	Kentucky	1383	R1	43	193	473			
Robert Reid	Kentucky	1383	RT	7	33	47			
Shawnee	Kentucky	1379	1	679	729	852			
Shawnee	Kentucky	1379	10	338	107	857			
Shawnee	Kentucky	1379	2	712	880	880			
Shawnee	Kentucky	1379	3	750	819	917			
Shawnee	Kentucky	1379	4	669	854	942			
Shawnee	Kentucky	1379	5	754	714	912			
Shawnee	Kentucky	1379	6	621	749	851			
Shawnee	Kentucky	1379	7	478	790	955			
Shawnee	Kentucky	1379	8	623	573	969			
Shawnee	Kentucky	1379	9	566	719	952			
Smith Generating Facility	Kentucky	54	SCT1	10	7	26			
Smith Generating Facility	Kentucky	54	SCT10		3	3			
Smith Generating Facility	Kentucky	54	SCT2	2	2	34			
Smith Generating Facility	Kentucky	54	SCT3	13	14	17			
Smith Generating Facility	Kentucky	54	SCT4	0	7	17			
Smith Generating Facility	Kentucky	54	SCT5	1	4	6			
Smith Generating Facility	Kentucky	54	SCT6	2	7	11			
Smith Generating Facility	Kentucky	54	SCT7	2	5	9			
Smith Generating Facility	Kentucky	54	SCT9		3	3			
Trimble County	Kentucky	6071	1	514	362	722			
Trimble County	Kentucky	6071	10	1	13	15			
Trimble County	Kentucky	6071	5	4	15	15			
Trimble County	Kentucky	6071	6	2	13	13			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Riverside Generating Company	Kentucky	55198	GTG401					
Riverside Generating Company	Kentucky	55198	GTG501					
Robert Reid	Kentucky	1383	R1					
Robert Reid	Kentucky	1383	RT					
Shawnee	Kentucky	1379	1					
Shawnee	Kentucky	1379	10					
Shawnee	Kentucky	1379	2					
Shawnee	Kentucky	1379	3					
Shawnee	Kentucky	1379	4					
Shawnee	Kentucky	1379	5					
Shawnee	Kentucky	1379	6					
Shawnee	Kentucky	1379	7					
Shawnee	Kentucky	1379	8					
Shawnee	Kentucky	1379	9					
Smith Generating Facility	Kentucky	54	SCT1					
Smith Generating Facility	Kentucky	54	SCT10					
Smith Generating Facility	Kentucky	54	SCT2					
Smith Generating Facility	Kentucky	54	SCT3					
Smith Generating Facility	Kentucky	54	SCT4					
Smith Generating Facility	Kentucky	54	SCT5					
Smith Generating Facility	Kentucky	54	SCT6					
Smith Generating Facility	Kentucky	54	SCT7					
Smith Generating Facility	Kentucky	54	SCT9					
Trimble County	Kentucky	6071	1					
Trimble County	Kentucky	6071	10					
Trimble County	Kentucky	6071	5					
Trimble County	Kentucky	6071	6					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Riverside Generating Company	Kentucky	55198	GTG401					Y
Riverside Generating Company	Kentucky	55198	GTG501					Y
Robert Reid	Kentucky	1383	R1					Y
Robert Reid	Kentucky	1383	RT					Y
Shawnee	Kentucky	1379	1					Y
Shawnee	Kentucky	1379	10					Y
Shawnee	Kentucky	1379	2					Y
Shawnee	Kentucky	1379	3					Y
Shawnee	Kentucky	1379	4					Y
Shawnee	Kentucky	1379	5					Y
Shawnee	Kentucky	1379	6					Y
Shawnee	Kentucky	1379	7					Y
Shawnee	Kentucky	1379	8					Y
Shawnee	Kentucky	1379	9					Y
Smith Generating Facility	Kentucky	54	SCT1					Y
Smith Generating Facility	Kentucky	54	SCT10					Y
Smith Generating Facility	Kentucky	54	SCT2					Y
Smith Generating Facility	Kentucky	54	SCT3					Y
Smith Generating Facility	Kentucky	54	SCT4					Y
Smith Generating Facility	Kentucky	54	SCT5					Y
Smith Generating Facility	Kentucky	54	SCT6					Y
Smith Generating Facility	Kentucky	54	SCT7					Y
Smith Generating Facility	Kentucky	54	SCT9					Y
Trimble County	Kentucky	6071	1					Y
Trimble County	Kentucky	6071	10					Y
Trimble County	Kentucky	6071	5					Y
Trimble County	Kentucky	6071	6					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Riverside Generating Company	Kentucky	55198	GTG401	Y		Y		
Riverside Generating Company	Kentucky	55198	GTG501	Y		Y		
Robert Reid	Kentucky	1383	R1	Y		Y		
Robert Reid	Kentucky	1383	RT	Y		Y		
Shawnee	Kentucky	1379	1	Y		Y		
Shawnee	Kentucky	1379	10	Y		Y		
Shawnee	Kentucky	1379	2	Y		Y		
Shawnee	Kentucky	1379	3	Y		Y		
Shawnee	Kentucky	1379	4	Y		Y		
Shawnee	Kentucky	1379	5	Y		Y		
Shawnee	Kentucky	1379	6	Y		Y		
Shawnee	Kentucky	1379	7	Y		Y		
Shawnee	Kentucky	1379	8	Y		Y		
Shawnee	Kentucky	1379	9	Y		Y		
Smith Generating Facility	Kentucky	54	SCT1	Y		Y		
Smith Generating Facility	Kentucky	54	SCT10	Y		Y		
Smith Generating Facility	Kentucky	54	SCT2	Y		Y		
Smith Generating Facility	Kentucky	54	SCT3	Y		Y		
Smith Generating Facility	Kentucky	54	SCT4	Y		Y		
Smith Generating Facility	Kentucky	54	SCT5	Y		Y		
Smith Generating Facility	Kentucky	54	SCT6	Y		Y		
Smith Generating Facility	Kentucky	54	SCT7	Y		Y		
Smith Generating Facility	Kentucky	54	SCT9	Y		Y		
Trimble County	Kentucky	6071	1	Y		Y		
Trimble County	Kentucky	6071	10	Y		Y		
Trimble County	Kentucky	6071	5	Y		Y		
Trimble County	Kentucky	6071	6	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Trimble County	Kentucky	6071	7	2741	585,822	1,296,887	704,722	398,057	1,448,733
Trimble County	Kentucky	6071	8	2742	871,527	1,709,211	728,655	388,797	1,150,220
Trimble County	Kentucky	6071	9	2743	672,473	1,680,143	655,950	304,087	1,454,541
Tyrone	Kentucky	1361	5	898	3,233,675	5,018,800	4,610,405	325,548	1,845,477
William C. Dale	Kentucky	1385	1	9393	1,537,652	1,529,693	1,465,953	1,367,350	1,209,731
William C. Dale	Kentucky	1385	2	9394	1,592,525	1,526,092	1,424,898	1,380,570	1,213,091
William C. Dale	Kentucky	1385	3	934	4,865,956	3,621,630	5,073,895	4,054,893	4,224,941
William C. Dale	Kentucky	1385	4	935	4,223,494	4,887,387	4,319,911	3,451,514	3,895,393
Acadia Power Station	Louisiana	55173	CT1	4058	1,875,272	1,938,641	1,553,412	1,564,259	6,870,957
Acadia Power Station	Louisiana	55173	CT2	4059	2,134,796	2,100,988	1,564,766	1,416,809	6,927,999
Acadia Power Station	Louisiana	55173	CT3	4060	1,702,614	1,464,652	1,649,080	2,750,595	4,324,230
Acadia Power Station	Louisiana	55173	CT4	4061	1,764,368	1,733,303	1,627,835	3,168,776	4,601,466
Arsenal Hill Power Plant	Louisiana	1416	5A	979	1,540,245	1,235,430	1,563,153	432,144	974,408
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	8562	18,450	69,697	317,018	168,433	116,104
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	8564	15,445	77,015	381,133	115,592	86,929
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	8566	13,877	18,892	283,121	210,253	85,308
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	8568	7,024	56,870	349,408	217,949	167,620
Big Cajun 1	Louisiana	1464	1B1	994	26,083			152,232	117,136
Big Cajun 1	Louisiana	1464	1B2	995					30,653
Big Cajun 1	Louisiana	1464	CTG1	8306	31,406	166,756	404,007	450,718	421,217
Big Cajun 1	Louisiana	1464	CTG2	8308	82,855	208,720	417,984	332,504	253,507
Big Cajun 2	Louisiana	6055	2B1	2724	48,171,651	48,142,328	44,172,769	38,684,918	45,628,561
Big Cajun 2	Louisiana	6055	2B2	2725	49,270,015	47,214,005	44,571,873	45,612,124	40,768,643
Big Cajun 2	Louisiana	6055	2B3	2726	45,059,649	38,529,765	43,383,829	40,615,178	44,298,568
Brame Energy Center	Louisiana	6190	1	2836	7,503,093	6,047,988	6,759,384	9,951,637	9,365,305
Brame Energy Center	Louisiana	6190	2	2837	34,668,167	34,970,917	26,441,733	32,647,198	33,097,448
Brame Energy Center	Louisiana	6190	3-1	90034					10,714,085

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Trimble County	Kentucky	6071	7	1,150,114	1,055,615,936	0.001090	218,702	99,907
Trimble County	Kentucky	6071	8	1,243,653	1,055,615,936	0.001178	218,702	99,907
Trimble County	Kentucky	6071	9	1,269,052	1,055,615,936	0.001202	218,702	99,907
Tyrone	Kentucky	1361	5	4,287,627	1,055,615,936	0.004062	218,702	99,907
William C. Dale	Kentucky	1385	1	1,511,100	1,055,615,936	0.001431	218,702	99,907
William C. Dale	Kentucky	1385	2	1,514,505	1,055,615,936	0.001435	218,702	99,907
William C. Dale	Kentucky	1385	3	4,721,597	1,055,615,936	0.004473	218,702	99,907
William C. Dale	Kentucky	1385	4	4,476,931	1,055,615,936	0.004241	218,702	99,907
Acadia Power Station	Louisiana	55173	CT1	3,561,624	716,384,268	0.004972		
Acadia Power Station	Louisiana	55173	CT2	3,721,261	716,384,268	0.005195		
Acadia Power Station	Louisiana	55173	CT3	2,925,813	716,384,268	0.004084		
Acadia Power Station	Louisiana	55173	CT4	3,178,203	716,384,268	0.004436		
Arsenal Hill Power Plant	Louisiana	1416	5A	1,446,276	716,384,268	0.002019		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	200,518	716,384,268	0.000280		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	194,551	716,384,268	0.000272		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	192,894	716,384,268	0.000269		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	244,993	716,384,268	0.000342		
Big Cajun 1	Louisiana	1464	1B1	98,484	716,384,268	0.000137		
Big Cajun 1	Louisiana	1464	1B2	30,653	716,384,268	0.000043		
Big Cajun 1	Louisiana	1464	CTG1	425,314	716,384,268	0.000594		
Big Cajun 1	Louisiana	1464	CTG2	334,665	716,384,268	0.000467		
Big Cajun 2	Louisiana	6055	2B1	47,314,180	716,384,268	0.066046		
Big Cajun 2	Louisiana	6055	2B2	47,365,382	716,384,268	0.066117		
Big Cajun 2	Louisiana	6055	2B3	44,247,349	716,384,268	0.061765		
Brame Energy Center	Louisiana	6190	1	8,940,012	716,384,268	0.012479		
Brame Energy Center	Louisiana	6190	2	34,245,511	716,384,268	0.047803		
Brame Energy Center	Louisiana	6190	3-1	10,714,085	716,384,268	0.014956		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Trimble County	Kentucky	6071	7	81,683	74,148	238	109	89	81
Trimble County	Kentucky	6071	8	81,683	74,148	258	118	96	87
Trimble County	Kentucky	6071	9	81,683	74,148	263	120	98	89
Tyrone	Kentucky	1361	5	81,683	74,148	888	406	332	301
William C. Dale	Kentucky	1385	1	81,683	74,148	313	143	117	106
William C. Dale	Kentucky	1385	2	81,683	74,148	314	143	117	106
William C. Dale	Kentucky	1385	3	81,683	74,148	978	447	365	332
William C. Dale	Kentucky	1385	4	81,683	74,148	928	424	346	314
Acadia Power Station	Louisiana	55173	CT1						
Acadia Power Station	Louisiana	55173	CT2						
Acadia Power Station	Louisiana	55173	CT3						
Acadia Power Station	Louisiana	55173	CT4						
Arsenal Hill Power Plant	Louisiana	1416	5A						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4						
Big Cajun 1	Louisiana	1464	1B1						
Big Cajun 1	Louisiana	1464	1B2						
Big Cajun 1	Louisiana	1464	CTG1						
Big Cajun 1	Louisiana	1464	CTG2						
Big Cajun 2	Louisiana	6055	2B1						
Big Cajun 2	Louisiana	6055	2B2						
Big Cajun 2	Louisiana	6055	2B3						
Brame Energy Center	Louisiana	6190	1						
Brame Energy Center	Louisiana	6190	2						
Brame Energy Center	Louisiana	6190	3-1						

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Trimble County	Kentucky	6071	7		0	0	0	0	0
Trimble County	Kentucky	6071	8		0	0	0	1	0
Trimble County	Kentucky	6071	9		0	0	0	1	0
Tyrone	Kentucky	1361	5	2,553	2,370	3,192	2,191	3,483	3,261
William C. Dale	Kentucky	1385	1				1,049	1,098	1,071
William C. Dale	Kentucky	1385	2				1,083	1,095	1,043
William C. Dale	Kentucky	1385	3	3,812	3,699	3,898	3,466	2,563	3,680
William C. Dale	Kentucky	1385	4	3,948	4,059	4,311	3,027	3,459	3,133
Acadia Power Station	Louisiana	55173	CT1	1	1	1	1	1	0
Acadia Power Station	Louisiana	55173	CT2	1	1	1	1	1	0
Acadia Power Station	Louisiana	55173	CT3	1	1	1	1	0	0
Acadia Power Station	Louisiana	55173	CT4	1	1	1	1	1	0
Arsenal Hill Power Plant	Louisiana	1416	5A	0	0	0	0	0	0
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	0		0	0	0	0
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	0		0	0	0	0
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	0			0	0	0
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	0		0	0	0	0
Big Cajun 1	Louisiana	1464	1B1				0		
Big Cajun 1	Louisiana	1464	1B2						
Big Cajun 1	Louisiana	1464	CTG1	0	0	0	0	0	0
Big Cajun 1	Louisiana	1464	CTG2	0	0	0	0	0	0
Big Cajun 2	Louisiana	6055	2B1	17,503	17,881	14,117	15,500	13,243	12,292
Big Cajun 2	Louisiana	6055	2B2	19,105	15,326	14,206	15,936	13,012	12,396
Big Cajun 2	Louisiana	6055	2B3	16,116	17,566	14,005	14,948	10,973	12,057
Brame Energy Center	Louisiana	6190	1	50	283	1,434	18	2	2
Brame Energy Center	Louisiana	6190	2	14,822	13,530	14,101	10,820	12,902	8,252
Brame Energy Center	Louisiana	6190	3-1						

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
Trimble County	Kentucky	6071	7	0	0	0				
Trimble County	Kentucky	6071	8	0	0	1				
Trimble County	Kentucky	6071	9	0	0	1				
Tyrone	Kentucky	1361	5	204	1,225	3,483				
William C. Dale	Kentucky	1385	1	954	818	1,098				
William C. Dale	Kentucky	1385	2	962	819	1,095				
William C. Dale	Kentucky	1385	3	2,909	2,984	3,898				
William C. Dale	Kentucky	1385	4	2,457	2,733	4,311				
Acadia Power Station	Louisiana	55173	CT1	0	2	2				
Acadia Power Station	Louisiana	55173	CT2	0	2	2				
Acadia Power Station	Louisiana	55173	CT3	1	1	1				
Acadia Power Station	Louisiana	55173	CT4	1	1	1				
Arsenal Hill Power Plant	Louisiana	1416	5A	0	0	0				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	0	0	0				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	0	0	0				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	0	0	0				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	0	0	0				
Big Cajun 1	Louisiana	1464	1B1	0	0	0				
Big Cajun 1	Louisiana	1464	1B2		0	0				
Big Cajun 1	Louisiana	1464	CTG1	0	0	0				
Big Cajun 1	Louisiana	1464	CTG2	0	0	0				
Big Cajun 2	Louisiana	6055	2B1	11,331	13,064	17,881				
Big Cajun 2	Louisiana	6055	2B2	13,101	11,721	19,105				
Big Cajun 2	Louisiana	6055	2B3	11,460	12,614	17,566				
Brame Energy Center	Louisiana	6190	1	3	3	1,434				
Brame Energy Center	Louisiana	6190	2	7,430	8,774	14,822				
Brame Energy Center	Louisiana	6190	3-1		2,409	2,409				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Trimble County	Kentucky	6071	7					4	9
Trimble County	Kentucky	6071	8					10	14
Trimble County	Kentucky	6071	9					3	9
Tyrone	Kentucky	1361	5				639	580	955
William C. Dale	Kentucky	1385	1						
William C. Dale	Kentucky	1385	2						
William C. Dale	Kentucky	1385	3				1,081	1,064	1,100
William C. Dale	Kentucky	1385	4				1,118	1,170	1,220
Acadia Power Station	Louisiana	55173	CT1				18	32	31
Acadia Power Station	Louisiana	55173	CT2				22	24	74
Acadia Power Station	Louisiana	55173	CT3				22	23	32
Acadia Power Station	Louisiana	55173	CT4				25	14	35
Arsenal Hill Power Plant	Louisiana	1416	5A				73	99	108
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1				0		0
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2				0		0
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3				0		0
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4				0		0
Big Cajun 1	Louisiana	1464	1B1						
Big Cajun 1	Louisiana	1464	1B2						
Big Cajun 1	Louisiana	1464	CTG1				4	1	2
Big Cajun 1	Louisiana	1464	CTG2				4	1	3
Big Cajun 2	Louisiana	6055	2B1				8,025	8,050	5,244
Big Cajun 2	Louisiana	6055	2B2				8,472	5,316	4,542
Big Cajun 2	Louisiana	6055	2B3				3,310	3,990	3,445
Brame Energy Center	Louisiana	6190	1				848	671	989
Brame Energy Center	Louisiana	6190	2				7,223	6,825	8,006
Brame Energy Center	Louisiana	6190	3-1						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Trimble County	Kentucky	6071	7	8	15	10	6	21	21
Trimble County	Kentucky	6071	8	12	24	11	6	16	24
Trimble County	Kentucky	6071	9	9	21	10	5	21	21
Tyrone	Kentucky	1361	5	649	1,071	1,054	77	443	1,071
William C. Dale	Kentucky	1385	1	664	474	262	238	237	664
William C. Dale	Kentucky	1385	2	687	483	256	242	241	687
William C. Dale	Kentucky	1385	3	973	741	1,038	794	806	1,100
William C. Dale	Kentucky	1385	4	838	987	882	675	728	1,220
Acadia Power Station	Louisiana	55173	CT1	41	49	48	25	53	53
Acadia Power Station	Louisiana	55173	CT2	51	55	71	54	60	74
Acadia Power Station	Louisiana	55173	CT3	36	39	42	54	25	54
Acadia Power Station	Louisiana	55173	CT4	52	45	45	53	29	53
Arsenal Hill Power Plant	Louisiana	1416	5A	76	56	78	20	34	108
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	0	1	5	2	2	5
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	0	1	4	2	1	4
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	0	0	4	3	1	4
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	0	1	5	3	2	5
Big Cajun 1	Louisiana	1464	1B1	3			30	23	30
Big Cajun 1	Louisiana	1464	1B2					6	6
Big Cajun 1	Louisiana	1464	CTG1	1	6	14	16	17	17
Big Cajun 1	Louisiana	1464	CTG2	3	7	18	10	8	18
Big Cajun 2	Louisiana	6055	2B1	4,855	4,767	4,376	3,850	4,661	8,050
Big Cajun 2	Louisiana	6055	2B2	4,971	4,844	4,581	4,574	4,065	8,472
Big Cajun 2	Louisiana	6055	2B3	3,416	2,953	3,130	3,009	3,515	3,990
Brame Energy Center	Louisiana	6190	1	693	444	567	1,109	1,045	1,109
Brame Energy Center	Louisiana	6190	2	7,274	6,736	4,803	2,864	2,486	8,006
Brame Energy Center	Louisiana	6190	3-1					287	287

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Trimble County	Kentucky	6071	7						
Trimble County	Kentucky	6071	8						
Trimble County	Kentucky	6071	9						
Tyrone	Kentucky	1361	5						
William C. Dale	Kentucky	1385	1						
William C. Dale	Kentucky	1385	2						
William C. Dale	Kentucky	1385	3						
William C. Dale	Kentucky	1385	4						
Acadia Power Station	Louisiana	55173	CT1						
Acadia Power Station	Louisiana	55173	CT2						
Acadia Power Station	Louisiana	55173	CT3						
Acadia Power Station	Louisiana	55173	CT4						
Arsenal Hill Power Plant	Louisiana	1416	5A						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4						
Big Cajun 1	Louisiana	1464	1B1						
Big Cajun 1	Louisiana	1464	1B2						
Big Cajun 1	Louisiana	1464	CTG1						
Big Cajun 1	Louisiana	1464	CTG2						
Big Cajun 2	Louisiana	6055	2B1						
Big Cajun 2	Louisiana	6055	2B2						
Big Cajun 2	Louisiana	6055	2B3						
Brame Energy Center	Louisiana	6190	1						
Brame Energy Center	Louisiana	6190	2						
Brame Energy Center	Louisiana	6190	3-1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Trimble County	Kentucky	6071	7		0		
Trimble County	Kentucky	6071	8		1		
Trimble County	Kentucky	6071	9		1		
Tyrone	Kentucky	1361	5		986		
William C. Dale	Kentucky	1385	1		347		
William C. Dale	Kentucky	1385	2		348		
William C. Dale	Kentucky	1385	3		1,086		
William C. Dale	Kentucky	1385	4		1,029		
Acadia Power Station	Louisiana	55173	CT1				
Acadia Power Station	Louisiana	55173	CT2				
Acadia Power Station	Louisiana	55173	CT3				
Acadia Power Station	Louisiana	55173	CT4				
Arsenal Hill Power Plant	Louisiana	1416	5A				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4				
Big Cajun 1	Louisiana	1464	1B1				
Big Cajun 1	Louisiana	1464	1B2				
Big Cajun 1	Louisiana	1464	CTG1				
Big Cajun 1	Louisiana	1464	CTG2				
Big Cajun 2	Louisiana	6055	2B1				
Big Cajun 2	Louisiana	6055	2B2				
Big Cajun 2	Louisiana	6055	2B3				
Brame Energy Center	Louisiana	6190	1				
Brame Energy Center	Louisiana	6190	2				
Brame Energy Center	Louisiana	6190	3-1				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Trimble County	Kentucky	6071	7				
Trimble County	Kentucky	6071	8				
Trimble County	Kentucky	6071	9				
Tyrone	Kentucky	1361	5				
William C. Dale	Kentucky	1385	1				
William C. Dale	Kentucky	1385	2				
William C. Dale	Kentucky	1385	3				
William C. Dale	Kentucky	1385	4				
Acadia Power Station	Louisiana	55173	CT1				
Acadia Power Station	Louisiana	55173	CT2				
Acadia Power Station	Louisiana	55173	CT3				
Acadia Power Station	Louisiana	55173	CT4				
Arsenal Hill Power Plant	Louisiana	1416	5A				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4				
Big Cajun 1	Louisiana	1464	1B1				
Big Cajun 1	Louisiana	1464	1B2				
Big Cajun 1	Louisiana	1464	CTG1				
Big Cajun 1	Louisiana	1464	CTG2				
Big Cajun 2	Louisiana	6055	2B1				
Big Cajun 2	Louisiana	6055	2B2				
Big Cajun 2	Louisiana	6055	2B3				
Brame Energy Center	Louisiana	6190	1				
Brame Energy Center	Louisiana	6190	2				
Brame Energy Center	Louisiana	6190	3-1				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Trimble County	Kentucky	6071	7				
Trimble County	Kentucky	6071	8				
Trimble County	Kentucky	6071	9				
Tyrone	Kentucky	1361	5				
William C. Dale	Kentucky	1385	1				
William C. Dale	Kentucky	1385	2				
William C. Dale	Kentucky	1385	3				
William C. Dale	Kentucky	1385	4				
Acadia Power Station	Louisiana	55173	CT1				
Acadia Power Station	Louisiana	55173	CT2				
Acadia Power Station	Louisiana	55173	CT3				
Acadia Power Station	Louisiana	55173	CT4				
Arsenal Hill Power Plant	Louisiana	1416	5A				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4				
Big Cajun 1	Louisiana	1464	1B1				
Big Cajun 1	Louisiana	1464	1B2				
Big Cajun 1	Louisiana	1464	CTG1				
Big Cajun 1	Louisiana	1464	CTG2				
Big Cajun 2	Louisiana	6055	2B1				
Big Cajun 2	Louisiana	6055	2B2				
Big Cajun 2	Louisiana	6055	2B3				
Brame Energy Center	Louisiana	6190	1				
Brame Energy Center	Louisiana	6190	2				
Brame Energy Center	Louisiana	6190	3-1				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Trimble County	Kentucky	6071	7	525,797	854,291	469,557	179,611	948,621	776,236
Trimble County	Kentucky	6071	8	652,780	1,041,267	341,567	298,605	666,686	786,911
Trimble County	Kentucky	6071	9	589,514	1,049,897	397,479	166,390	959,182	866,198
Tyrone	Kentucky	1361	5	1,613,200	2,326,023	1,749,490		1,478,836	1,896,237
William C. Dale	Kentucky	1385	1	681,649	601,074	639,275	539,983	590,061	640,666
William C. Dale	Kentucky	1385	2	668,445	579,979	599,488	504,925	617,962	628,632
William C. Dale	Kentucky	1385	3	2,110,127	1,808,760	1,986,991	1,574,096	1,677,048	1,968,626
William C. Dale	Kentucky	1385	4	1,516,211	1,959,786	1,589,673	1,517,628	1,878,934	1,809,464
Acadia Power Station	Louisiana	55173	CT1	1,301,622	1,602,378	1,120,446	1,477,680	3,156,665	2,078,907
Acadia Power Station	Louisiana	55173	CT2	1,311,581	1,754,127	1,102,261	1,302,985	3,707,750	2,257,819
Acadia Power Station	Louisiana	55173	CT3	1,278,052	1,038,125	1,380,894	2,217,180	3,694,872	2,430,982
Acadia Power Station	Louisiana	55173	CT4	1,325,376	1,270,210	1,375,213	2,490,377	3,733,854	2,533,148
Arsenal Hill Power Plant	Louisiana	1416	5A	956,285	998,059	1,021,885	300,441	612,805	992,076
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	18,450	24,525	243,335	134,556	77,500	151,797
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	15,445	28,078	319,625	81,943	58,210	153,259
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	13,877	2,949	254,213	159,872	66,278	160,121
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	7,024	17,274	301,953	183,610	131,970	205,844
Big Cajun 1	Louisiana	1464	1B1	26,083			110,188		68,136
Big Cajun 1	Louisiana	1464	1B2						
Big Cajun 1	Louisiana	1464	CTG1	21,701	129,459	386,243	369,979	308,275	354,832
Big Cajun 1	Louisiana	1464	CTG2	64,529	172,212	375,895	287,933	194,179	286,002
Big Cajun 2	Louisiana	6055	2B1	19,963,711	21,639,976	18,923,391	17,625,599	19,193,892	20,265,859
Big Cajun 2	Louisiana	6055	2B2	20,990,318	20,018,804	18,807,902	18,064,058	17,185,232	19,939,008
Big Cajun 2	Louisiana	6055	2B3	20,542,977	19,017,884	17,083,130	16,865,390	19,923,761	19,828,207
Brame Energy Center	Louisiana	6190	1	4,521,237	3,937,269	3,742,419	4,333,171	4,311,841	4,388,750
Brame Energy Center	Louisiana	6190	2	17,065,681	16,109,288	14,547,588	15,227,786	14,891,399	16,134,252
Brame Energy Center	Louisiana	6190	3-1					6,126,281	6,126,281

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Trimble County	Kentucky	6071	7	461,616,074	0.001682	34,720	31,367	58	53
Trimble County	Kentucky	6071	8	461,616,074	0.001705	34,720	31,367	59	53
Trimble County	Kentucky	6071	9	461,616,074	0.001876	34,720	31,367	65	59
Tyrone	Kentucky	1361	5	461,616,074	0.004108	34,720	31,367	143	129
William C. Dale	Kentucky	1385	1	461,616,074	0.001388	34,720	31,367	48	44
William C. Dale	Kentucky	1385	2	461,616,074	0.001362	34,720	31,367	47	43
William C. Dale	Kentucky	1385	3	461,616,074	0.004265	34,720	31,367	148	134
William C. Dale	Kentucky	1385	4	461,616,074	0.003920	34,720	31,367	136	123
Acadia Power Station	Louisiana	55173	CT1	349,547,842	0.005947	17,485	17,485	104	104
Acadia Power Station	Louisiana	55173	CT2	349,547,842	0.006459	17,485	17,485	113	113
Acadia Power Station	Louisiana	55173	CT3	349,547,842	0.006955	17,485	17,485	122	122
Acadia Power Station	Louisiana	55173	CT4	349,547,842	0.007247	17,485	17,485	127	127
Arsenal Hill Power Plant	Louisiana	1416	5A	349,547,842	0.002838	17,485	17,485	50	50
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	349,547,842	0.000434	17,485	17,485	8	8
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	349,547,842	0.000438	17,485	17,485	8	8
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	349,547,842	0.000458	17,485	17,485	8	8
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	349,547,842	0.000589	17,485	17,485	10	10
Big Cajun 1	Louisiana	1464	1B1	349,547,842	0.000195	17,485	17,485	3	3
Big Cajun 1	Louisiana	1464	1B2	349,547,842		17,485	17,485		
Big Cajun 1	Louisiana	1464	CTG1	349,547,842	0.001015	17,485	17,485	18	18
Big Cajun 1	Louisiana	1464	CTG2	349,547,842	0.000818	17,485	17,485	14	14
Big Cajun 2	Louisiana	6055	2B1	349,547,842	0.057977	17,485	17,485	1,014	1,014
Big Cajun 2	Louisiana	6055	2B2	349,547,842	0.057042	17,485	17,485	997	997
Big Cajun 2	Louisiana	6055	2B3	349,547,842	0.056725	17,485	17,485	992	992
Brame Energy Center	Louisiana	6190	1	349,547,842	0.012556	17,485	17,485	220	220
Brame Energy Center	Louisiana	6190	2	349,547,842	0.046157	17,485	17,485	807	807
Brame Energy Center	Louisiana	6190	3-1	349,547,842	0.017526	17,485	17,485	306	306

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Trimble County	Kentucky	6071	7		4	6	6	10	6
Trimble County	Kentucky	6071	8		10	9	8	13	5
Trimble County	Kentucky	6071	9		3	6	8	13	6
Tyrone	Kentucky	1361	5	234	187	322	320	489	404
William C. Dale	Kentucky	1385	1				275	207	115
William C. Dale	Kentucky	1385	2				269	207	109
William C. Dale	Kentucky	1385	3	498	446	481	433	372	404
William C. Dale	Kentucky	1385	4	521	473	545	306	399	321
Acadia Power Station	Louisiana	55173	CT1	11	23	19	24	33	34
Acadia Power Station	Louisiana	55173	CT2	11	9	52	24	40	51
Acadia Power Station	Louisiana	55173	CT3	4	6	13	26	23	37
Acadia Power Station	Louisiana	55173	CT4	4	4	13	37	27	37
Arsenal Hill Power Plant	Louisiana	1416	5A	55	60	79	51	48	52
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	0		0	0	0	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	0		0	0	0	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	0		0	0	0	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	0		0	0	0	4
Big Cajun 1	Louisiana	1464	1B1				3		
Big Cajun 1	Louisiana	1464	1B2						
Big Cajun 1	Louisiana	1464	CTG1	3		1	1	4	13
Big Cajun 1	Louisiana	1464	CTG2	3	1	1	2	6	16
Big Cajun 2	Louisiana	6055	2B1	3,775	3,365	1,944	1,995	2,134	1,888
Big Cajun 2	Louisiana	6055	2B2	3,375	2,764	2,027	2,107	2,054	1,920
Big Cajun 2	Louisiana	6055	2B3	1,317	1,650	1,334	1,568	1,444	1,198
Brame Energy Center	Louisiana	6190	1	412	252	523	395	276	296
Brame Energy Center	Louisiana	6190	2	2,987	3,375	3,049	3,724	2,747	2,669
Brame Energy Center	Louisiana	6190	3-1						

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Trimble County	Kentucky	6071	7	2	15	15			
Trimble County	Kentucky	6071	8	4	9	13			
Trimble County	Kentucky	6071	9	3	14	14			
Tyrone	Kentucky	1361	5		357	489			
William C. Dale	Kentucky	1385	1	97	119	275			
William C. Dale	Kentucky	1385	2	91	126	269			
William C. Dale	Kentucky	1385	3	294	312	498			
William C. Dale	Kentucky	1385	4	290	343	545			
Acadia Power Station	Louisiana	55173	CT1	24	15	34			
Acadia Power Station	Louisiana	55173	CT2	54	21	54			
Acadia Power Station	Louisiana	55173	CT3	44	21	44			
Acadia Power Station	Louisiana	55173	CT4	40	21	40			
Arsenal Hill Power Plant	Louisiana	1416	5A	14	21	79			
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	2	1	3			
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	1	1	3			
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	2	1	3			
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	3	2	4			
Big Cajun 1	Louisiana	1464	1B1	22		22			
Big Cajun 1	Louisiana	1464	1B2			0			
Big Cajun 1	Louisiana	1464	CTG1	12	11	13			
Big Cajun 1	Louisiana	1464	CTG2	8	6	16			
Big Cajun 2	Louisiana	6055	2B1	1,734	1,943	3,775			
Big Cajun 2	Louisiana	6055	2B2	1,801	1,738	3,375			
Big Cajun 2	Louisiana	6055	2B3	1,197	1,584	1,650			
Brame Energy Center	Louisiana	6190	1	454	430	523			
Brame Energy Center	Louisiana	6190	2	1,214	1,134	3,724			
Brame Energy Center	Louisiana	6190	3-1		140	140			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reappportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reappportionment if BV < (CF and CH))
Trimble County	Kentucky	6071	7					
Trimble County	Kentucky	6071	8					
Trimble County	Kentucky	6071	9					
Tyrone	Kentucky	1361	5					
William C. Dale	Kentucky	1385	1					
William C. Dale	Kentucky	1385	2					
William C. Dale	Kentucky	1385	3					
William C. Dale	Kentucky	1385	4					
Acadia Power Station	Louisiana	55173	CT1				34	34
Acadia Power Station	Louisiana	55173	CT2				54	54
Acadia Power Station	Louisiana	55173	CT3				44	44
Acadia Power Station	Louisiana	55173	CT4				40	40
Arsenal Hill Power Plant	Louisiana	1416	5A				67	67
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1				3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2				3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3				3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4				4	4
Big Cajun 1	Louisiana	1464	1B1				5	5
Big Cajun 1	Louisiana	1464	1B2				0	0
Big Cajun 1	Louisiana	1464	CTG1				13	13
Big Cajun 1	Louisiana	1464	CTG2				16	16
Big Cajun 2	Louisiana	6055	2B1				1,360	1,360
Big Cajun 2	Louisiana	6055	2B2				1,338	1,338
Big Cajun 2	Louisiana	6055	2B3				1,331	1,331
Brame Energy Center	Louisiana	6190	1				295	295
Brame Energy Center	Louisiana	6190	2				1,083	1,083
Brame Energy Center	Louisiana	6190	3-1				140	140

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Trimble County	Kentucky	6071	7					Y
Trimble County	Kentucky	6071	8					Y
Trimble County	Kentucky	6071	9					Y
Tyrone	Kentucky	1361	5					Y
William C. Dale	Kentucky	1385	1					Y
William C. Dale	Kentucky	1385	2					Y
William C. Dale	Kentucky	1385	3					Y
William C. Dale	Kentucky	1385	4					Y
Acadia Power Station	Louisiana	55173	CT1	34	34	34	34	
Acadia Power Station	Louisiana	55173	CT2	54	54	54	54	
Acadia Power Station	Louisiana	55173	CT3	44	44	44	44	
Acadia Power Station	Louisiana	55173	CT4	40	40	40	40	
Arsenal Hill Power Plant	Louisiana	1416	5A	67	67	67	67	
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	3	3	3	3	
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	3	3	3	3	
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	3	3	3	3	
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	4	4	4	4	
Big Cajun 1	Louisiana	1464	1B1	5	5	5	5	
Big Cajun 1	Louisiana	1464	1B2	0	0	0	0	
Big Cajun 1	Louisiana	1464	CTG1	13	13	13	13	
Big Cajun 1	Louisiana	1464	CTG2	16	16	16	16	
Big Cajun 2	Louisiana	6055	2B1	1,360	1,360	1,360	1,360	
Big Cajun 2	Louisiana	6055	2B2	1,338	1,338	1,338	1,338	
Big Cajun 2	Louisiana	6055	2B3	1,331	1,331	1,331	1,331	
Brame Energy Center	Louisiana	6190	1	295	295	295	295	
Brame Energy Center	Louisiana	6190	2	1,083	1,083	1,083	1,083	
Brame Energy Center	Louisiana	6190	3-1	140	140	140	140	

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Trimble County	Kentucky	6071	7	Y		Y		
Trimble County	Kentucky	6071	8	Y		Y		
Trimble County	Kentucky	6071	9	Y		Y		
Tyrone	Kentucky	1361	5	Y		Y		
William C. Dale	Kentucky	1385	1	Y		Y		
William C. Dale	Kentucky	1385	2	Y		Y		
William C. Dale	Kentucky	1385	3	Y		Y		
William C. Dale	Kentucky	1385	4	Y		Y		
Acadia Power Station	Louisiana	55173	CT1			Y		
Acadia Power Station	Louisiana	55173	CT2			Y		
Acadia Power Station	Louisiana	55173	CT3			Y		
Acadia Power Station	Louisiana	55173	CT4			Y		
Arsenal Hill Power Plant	Louisiana	1416	5A			Y		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1			Y		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2			Y		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3			Y		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4			Y		
Big Cajun 1	Louisiana	1464	1B1			Y		
Big Cajun 1	Louisiana	1464	1B2			Y		
Big Cajun 1	Louisiana	1464	CTG1			Y		
Big Cajun 1	Louisiana	1464	CTG2			Y		
Big Cajun 2	Louisiana	6055	2B1			Y		
Big Cajun 2	Louisiana	6055	2B2			Y		
Big Cajun 2	Louisiana	6055	2B3			Y		
Brame Energy Center	Louisiana	6190	1			Y		
Brame Energy Center	Louisiana	6190	2			Y		
Brame Energy Center	Louisiana	6190	3-1			Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Brame Energy Center	Louisiana	6190	3-2	90035					9,576,679
Calcasieu Plant	Louisiana	55165	GTG1	4036	201,149	283,300	1,176,348	934,645	1,455,399
Calcasieu Plant	Louisiana	55165	GTG2	4037	247,027	438,038	2,762,641	879,162	1,419,358
Carville Energy Center	Louisiana	55404	COG01	4678	9,257,398	10,324,083	8,089,172	8,655,465	11,155,976
Carville Energy Center	Louisiana	55404	COG02	4679	7,585,504	7,772,645	7,311,134	12,020,075	10,289,729
Coughlin Power Station	Louisiana	1396	6-1	957	1,833,081	3,133,506	2,729,510	2,783,773	178,080
Coughlin Power Station	Louisiana	1396	7-1	959	8,633,797	5,343,508	6,935,497	6,938,087	3,129,328
Coughlin Power Station	Louisiana	1396	7-2	960	8,795,154	5,092,000	6,119,172	6,407,070	2,605,058
D G Hunter	Louisiana	6558	3	2890	5,059	1,995	96,804	225,776	54,732
D G Hunter	Louisiana	6558	4	2891	20,845	2,867	192,878	464,286	
Doc Bonin	Louisiana	1443	1	984	57,737	80,699	501,347	49,906	750
Doc Bonin	Louisiana	1443	2	985	908,785	541,181	1,388,371	1,195,791	2,494,233
Doc Bonin	Louisiana	1443	3	986				1,218,971	1,633,819
Dolet Hills Power Station	Louisiana	51	1	48	51,388,372	41,806,627	51,872,153	48,363,972	49,821,402
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	89602	360,156	991,320	961,795	466,058	996,090
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	89603	368,163	912,911	1,370,834	738,846	869,321
Houma	Louisiana	1439	15	982	235,183	56	309,445	335,391	55,606
Houma	Louisiana	1439	16	983	329,141	204,706	318,751	251,756	126,819
Lieberman Power Plant	Louisiana	1417	3	980	393,025	607,084	144,438	1,113,894	731,995
Lieberman Power Plant	Louisiana	1417	4	981	613,515	760,741	676,563	902,961	620,542
Little Gypsy	Louisiana	1402	1	963	2,791,380	310,340	3,384,365	5,060,325	3,528,193
Little Gypsy	Louisiana	1402	2	964	6,564,423	6,788,825	9,136,111	5,893,582	3,333,417
Little Gypsy	Louisiana	1402	3	965	3,192,114	8,179,920	10,546,961	14,654,488	13,657,352
Louisiana 1	Louisiana	1391	1A	936	3,212,897	3,152,053	3,412,047	2,871,145	3,246,430
Louisiana 1	Louisiana	1391	2A	937	2,757,323	2,772,442	3,433,527	2,752,019	3,029,987
Louisiana 1	Louisiana	1391	3A	938	2,927,520	3,446,354	3,035,769	3,015,605	3,206,052
Louisiana 1	Louisiana	1391	4A	939	9,786,774	9,787,406	11,259,122	10,378,437	12,657,564

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Brame Energy Center	Louisiana	6190	3-2	9,576,679	716,384,268	0.013368		
Calcasieu Plant	Louisiana	55165	GTG1	1,188,797	716,384,268	0.001659		
Calcasieu Plant	Louisiana	55165	GTG2	1,687,054	716,384,268	0.002355		
Carville Energy Center	Louisiana	55404	COG01	10,245,819	716,384,268	0.014302		
Carville Energy Center	Louisiana	55404	COG02	10,027,483	716,384,268	0.013997		
Coughlin Power Station	Louisiana	1396	6-1	2,882,263	716,384,268	0.004023		
Coughlin Power Station	Louisiana	1396	7-1	7,502,460	716,384,268	0.010473		
Coughlin Power Station	Louisiana	1396	7-2	7,107,132	716,384,268	0.009921		
D G Hunter	Louisiana	6558	3	125,771	716,384,268	0.000176		
D G Hunter	Louisiana	6558	4	226,003	716,384,268	0.000315		
Doc Bonin	Louisiana	1443	1	213,261	716,384,268	0.000298		
Doc Bonin	Louisiana	1443	2	1,692,798	716,384,268	0.002363		
Doc Bonin	Louisiana	1443	3	1,426,395	716,384,268	0.001991		
Dolet Hills Power Station	Louisiana	51	1	51,027,309	716,384,268	0.071229		
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	983,068	716,384,268	0.001372		
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	1,051,022	716,384,268	0.001467		
Houma	Louisiana	1439	15	293,339	716,384,268	0.000409		
Houma	Louisiana	1439	16	299,883	716,384,268	0.000419		
Lieberman Power Plant	Louisiana	1417	3	817,657	716,384,268	0.001141		
Lieberman Power Plant	Louisiana	1417	4	780,089	716,384,268	0.001089		
Little Gypsy	Louisiana	1402	1	3,990,961	716,384,268	0.005571		
Little Gypsy	Louisiana	1402	2	7,496,453	716,384,268	0.010464		
Little Gypsy	Louisiana	1402	3	12,952,934	716,384,268	0.018081		
Louisiana 1	Louisiana	1391	1A	3,290,458	716,384,268	0.004593		
Louisiana 1	Louisiana	1391	2A	3,078,652	716,384,268	0.004297		
Louisiana 1	Louisiana	1391	3A	3,229,392	716,384,268	0.004508		
Louisiana 1	Louisiana	1391	4A	11,431,707	716,384,268	0.015958		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Brame Energy Center	Louisiana	6190	3-2						
Calcasieu Plant	Louisiana	55165	GTG1						
Calcasieu Plant	Louisiana	55165	GTG2						
Carville Energy Center	Louisiana	55404	COG01						
Carville Energy Center	Louisiana	55404	COG02						
Coughlin Power Station	Louisiana	1396	6-1						
Coughlin Power Station	Louisiana	1396	7-1						
Coughlin Power Station	Louisiana	1396	7-2						
D G Hunter	Louisiana	6558	3						
D G Hunter	Louisiana	6558	4						
Doc Bonin	Louisiana	1443	1						
Doc Bonin	Louisiana	1443	2						
Doc Bonin	Louisiana	1443	3						
Dolet Hills Power Station	Louisiana	51	1						
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1						
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2						
Houma	Louisiana	1439	15						
Houma	Louisiana	1439	16						
Lieberman Power Plant	Louisiana	1417	3						
Lieberman Power Plant	Louisiana	1417	4						
Little Gypsy	Louisiana	1402	1						
Little Gypsy	Louisiana	1402	2						
Little Gypsy	Louisiana	1402	3						
Louisiana 1	Louisiana	1391	1A						
Louisiana 1	Louisiana	1391	2A						
Louisiana 1	Louisiana	1391	3A						
Louisiana 1	Louisiana	1391	4A						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Brame Energy Center	Louisiana	6190	3-2						
Calcasieu Plant	Louisiana	55165	GTG1	0	0	0	0	0	0
Calcasieu Plant	Louisiana	55165	GTG2	0	0	0	0	0	1
Carville Energy Center	Louisiana	55404	COG01	2	3	3	3	3	2
Carville Energy Center	Louisiana	55404	COG02	1	2	3	2	2	2
Coughlin Power Station	Louisiana	1396	6-1	0	0	0	1	1	1
Coughlin Power Station	Louisiana	1396	7-1	1	1	1	3	2	2
Coughlin Power Station	Louisiana	1396	7-2	1	1	1	3	2	2
D G Hunter	Louisiana	6558	3	0			2	0	78
D G Hunter	Louisiana	6558	4	0			9	0	78
Doc Bonin	Louisiana	1443	1	0	0	0	0	0	0
Doc Bonin	Louisiana	1443	2	0	1	0	0	0	0
Doc Bonin	Louisiana	1443	3	1	1	1			
Dolet Hills Power Station	Louisiana	51	1	17,831	21,666	23,748	20,908	11,509	13,982
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1				0	0	0
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2				0	0	0
Houma	Louisiana	1439	15	0	0	0	0		0
Houma	Louisiana	1439	16	0	0	0	0	0	0
Lieberman Power Plant	Louisiana	1417	3	1	0	1	2	1	0
Lieberman Power Plant	Louisiana	1417	4	1	0	0	0	6	0
Little Gypsy	Louisiana	1402	1	2	1	1	1	0	1
Little Gypsy	Louisiana	1402	2	2	2	123	2	21	30
Little Gypsy	Louisiana	1402	3	2	2	3	1	2	3
Louisiana 1	Louisiana	1391	1A	26	42	28	21	9	21
Louisiana 1	Louisiana	1391	2A	7	21	25	17	7	19
Louisiana 1	Louisiana	1391	3A	10	38	31	17	26	14
Louisiana 1	Louisiana	1391	4A	19	6	9	6	6	13

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Brame Energy Center	Louisiana	6190	3-2		13,457	13,457			
Calcasieu Plant	Louisiana	55165	GTG1	0	0	0			
Calcasieu Plant	Louisiana	55165	GTG2	0	0	1			
Carville Energy Center	Louisiana	55404	COG01	3	3	3			
Carville Energy Center	Louisiana	55404	COG02	4	3	4			
Coughlin Power Station	Louisiana	1396	6-1	1	0	1			
Coughlin Power Station	Louisiana	1396	7-1	2	1	3			
Coughlin Power Station	Louisiana	1396	7-2	2	1	3			
D G Hunter	Louisiana	6558	3	0	0	78			
D G Hunter	Louisiana	6558	4	0		78			
Doc Bonin	Louisiana	1443	1	0		0			
Doc Bonin	Louisiana	1443	2	0	1	1			
Doc Bonin	Louisiana	1443	3	0	0	1			
Dolet Hills Power Station	Louisiana	51	1	11,721	21,232	23,748			
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	0	0	0			
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	0	0	0			
Houma	Louisiana	1439	15	0	0	0			
Houma	Louisiana	1439	16	0	0	0			
Lieberman Power Plant	Louisiana	1417	3	5	1	5			
Lieberman Power Plant	Louisiana	1417	4	2	0	6			
Little Gypsy	Louisiana	1402	1	2	1	2			
Little Gypsy	Louisiana	1402	2	2	18	123			
Little Gypsy	Louisiana	1402	3	4	4	4			
Louisiana 1	Louisiana	1391	1A	2	2	42			
Louisiana 1	Louisiana	1391	2A	1	2	25			
Louisiana 1	Louisiana	1391	3A	2	2	38			
Louisiana 1	Louisiana	1391	4A	6	15	19			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Brame Energy Center	Louisiana	6190	3-2						
Calcasieu Plant	Louisiana	55165	GTG1				9	4	5
Calcasieu Plant	Louisiana	55165	GTG2				6	4	5
Carville Energy Center	Louisiana	55404	COG01				109	125	127
Carville Energy Center	Louisiana	55404	COG02				56	80	143
Coughlin Power Station	Louisiana	1396	6-1				14	18	32
Coughlin Power Station	Louisiana	1396	7-1				84	45	59
Coughlin Power Station	Louisiana	1396	7-2				87	80	112
D G Hunter	Louisiana	6558	3				11		
D G Hunter	Louisiana	6558	4				31		
Doc Bonin	Louisiana	1443	1				4	55	31
Doc Bonin	Louisiana	1443	2				54	116	94
Doc Bonin	Louisiana	1443	3				446	489	613
Dolet Hills Power Station	Louisiana	51	1				11,735	12,184	13,110
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1						
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2						
Houma	Louisiana	1439	15				13	75	21
Houma	Louisiana	1439	16				132	87	73
Lieberman Power Plant	Louisiana	1417	3				49	6	53
Lieberman Power Plant	Louisiana	1417	4				54	10	40
Little Gypsy	Louisiana	1402	1				638	484	392
Little Gypsy	Louisiana	1402	2				348	484	676
Little Gypsy	Louisiana	1402	3				662	1,010	1,714
Louisiana 1	Louisiana	1391	1A				177	272	169
Louisiana 1	Louisiana	1391	2A				148	160	137
Louisiana 1	Louisiana	1391	3A				198	230	140
Louisiana 1	Louisiana	1391	4A				973	953	876

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Brame Energy Center	Louisiana	6190	3-2					324	324
Calcasieu Plant	Louisiana	55165	GTG1	11	15	36	28	42	42
Calcasieu Plant	Louisiana	55165	GTG2	9	16	102	38	55	102
Carville Energy Center	Louisiana	55404	COG01	131	167	119	114	162	167
Carville Energy Center	Louisiana	55404	COG02	150	166	116	171	165	171
Coughlin Power Station	Louisiana	1396	6-1	48	78	78	74	5	78
Coughlin Power Station	Louisiana	1396	7-1	145	78	101	97	46	145
Coughlin Power Station	Louisiana	1396	7-2	186	67	97	82	34	186
D G Hunter	Louisiana	6558	3	3	0	36	135	33	135
D G Hunter	Louisiana	6558	4	6	1	59	279		279
Doc Bonin	Louisiana	1443	1	5	8	49	4	0	55
Doc Bonin	Louisiana	1443	2	57	28	84	59	173	173
Doc Bonin	Louisiana	1443	3			0	108	117	613
Dolet Hills Power Station	Louisiana	51	1	10,891	5,398	5,270	4,590	4,718	13,110
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	14	38	35	17	37	38
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	14	34	52	28	35	52
Houma	Louisiana	1439	15	47	0	43	49	8	75
Houma	Louisiana	1439	16	33	19	27	50	10	132
Lieberman Power Plant	Louisiana	1417	3	26	41	11	69	29	69
Lieberman Power Plant	Louisiana	1417	4	38	44	47	59	27	59
Little Gypsy	Louisiana	1402	1	335	21	517	702	443	702
Little Gypsy	Louisiana	1402	2	382	497	659	289	193	676
Little Gypsy	Louisiana	1402	3	376	1,370	1,614	2,278	2,107	2,278
Louisiana 1	Louisiana	1391	1A	142	143	148	122	152	272
Louisiana 1	Louisiana	1391	2A	137	143	160	128	155	160
Louisiana 1	Louisiana	1391	3A	145	172	152	141	157	230
Louisiana 1	Louisiana	1391	4A	828	777	852	792	1,081	1,081

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual	2013 Annual	2014 Annual	2015 Annual	2016 Annual	2017 Annual
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Brame Energy Center	Louisiana	6190	3-2						
Calcasieu Plant	Louisiana	55165	GTG1						
Calcasieu Plant	Louisiana	55165	GTG2						
Carville Energy Center	Louisiana	55404	COG01						
Carville Energy Center	Louisiana	55404	COG02						
Coughlin Power Station	Louisiana	1396	6-1						
Coughlin Power Station	Louisiana	1396	7-1						
Coughlin Power Station	Louisiana	1396	7-2						
D G Hunter	Louisiana	6558	3						
D G Hunter	Louisiana	6558	4						
Doc Bonin	Louisiana	1443	1						
Doc Bonin	Louisiana	1443	2						
Doc Bonin	Louisiana	1443	3						
Dolet Hills Power Station	Louisiana	51	1						
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1						
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2						
Houma	Louisiana	1439	15						
Houma	Louisiana	1439	16						
Lieberman Power Plant	Louisiana	1417	3						
Lieberman Power Plant	Louisiana	1417	4						
Little Gypsy	Louisiana	1402	1						
Little Gypsy	Louisiana	1402	2						
Little Gypsy	Louisiana	1402	3						
Louisiana 1	Louisiana	1391	1A						
Louisiana 1	Louisiana	1391	2A						
Louisiana 1	Louisiana	1391	3A						
Louisiana 1	Louisiana	1391	4A						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Brame Energy Center	Louisiana	6190	3-2				
Calcasieu Plant	Louisiana	55165	GTG1				
Calcasieu Plant	Louisiana	55165	GTG2				
Carville Energy Center	Louisiana	55404	COG01				
Carville Energy Center	Louisiana	55404	COG02				
Coughlin Power Station	Louisiana	1396	6-1				
Coughlin Power Station	Louisiana	1396	7-1				
Coughlin Power Station	Louisiana	1396	7-2				
D G Hunter	Louisiana	6558	3				
D G Hunter	Louisiana	6558	4				
Doc Bonin	Louisiana	1443	1				
Doc Bonin	Louisiana	1443	2				
Doc Bonin	Louisiana	1443	3				
Dolet Hills Power Station	Louisiana	51	1				
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1				
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2				
Houma	Louisiana	1439	15				
Houma	Louisiana	1439	16				
Lieberman Power Plant	Louisiana	1417	3				
Lieberman Power Plant	Louisiana	1417	4				
Little Gypsy	Louisiana	1402	1				
Little Gypsy	Louisiana	1402	2				
Little Gypsy	Louisiana	1402	3				
Louisiana 1	Louisiana	1391	1A				
Louisiana 1	Louisiana	1391	2A				
Louisiana 1	Louisiana	1391	3A				
Louisiana 1	Louisiana	1391	4A				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Brame Energy Center	Louisiana	6190	3-2				
Calcasieu Plant	Louisiana	55165	GTG1				
Calcasieu Plant	Louisiana	55165	GTG2				
Carville Energy Center	Louisiana	55404	COG01				
Carville Energy Center	Louisiana	55404	COG02				
Coughlin Power Station	Louisiana	1396	6-1				
Coughlin Power Station	Louisiana	1396	7-1				
Coughlin Power Station	Louisiana	1396	7-2				
D G Hunter	Louisiana	6558	3				
D G Hunter	Louisiana	6558	4				
Doc Bonin	Louisiana	1443	1				
Doc Bonin	Louisiana	1443	2				
Doc Bonin	Louisiana	1443	3				
Dolet Hills Power Station	Louisiana	51	1				
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1				
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2				
Houma	Louisiana	1439	15				
Houma	Louisiana	1439	16				
Lieberman Power Plant	Louisiana	1417	3				
Lieberman Power Plant	Louisiana	1417	4				
Little Gypsy	Louisiana	1402	1				
Little Gypsy	Louisiana	1402	2				
Little Gypsy	Louisiana	1402	3				
Louisiana 1	Louisiana	1391	1A				
Louisiana 1	Louisiana	1391	2A				
Louisiana 1	Louisiana	1391	3A				
Louisiana 1	Louisiana	1391	4A				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Brame Energy Center	Louisiana	6190	3-2				
Calcasieu Plant	Louisiana	55165	GTG1				
Calcasieu Plant	Louisiana	55165	GTG2				
Carville Energy Center	Louisiana	55404	COG01				
Carville Energy Center	Louisiana	55404	COG02				
Coughlin Power Station	Louisiana	1396	6-1				
Coughlin Power Station	Louisiana	1396	7-1				
Coughlin Power Station	Louisiana	1396	7-2				
D G Hunter	Louisiana	6558	3				
D G Hunter	Louisiana	6558	4				
Doc Bonin	Louisiana	1443	1				
Doc Bonin	Louisiana	1443	2				
Doc Bonin	Louisiana	1443	3				
Dolet Hills Power Station	Louisiana	51	1				
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1				
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2				
Houma	Louisiana	1439	15				
Houma	Louisiana	1439	16				
Lieberman Power Plant	Louisiana	1417	3				
Lieberman Power Plant	Louisiana	1417	4				
Little Gypsy	Louisiana	1402	1				
Little Gypsy	Louisiana	1402	2				
Little Gypsy	Louisiana	1402	3				
Louisiana 1	Louisiana	1391	1A				
Louisiana 1	Louisiana	1391	2A				
Louisiana 1	Louisiana	1391	3A				
Louisiana 1	Louisiana	1391	4A				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Brame Energy Center	Louisiana	6190	3-2					5,171,610	5,171,610
Calcasieu Plant	Louisiana	55165	GTG1	146,328	172,770	342,859	451,593	963,863	586,105
Calcasieu Plant	Louisiana	55165	GTG2	159,557	243,743	631,126	328,126	988,426	649,226
Carville Energy Center	Louisiana	55404	COG01	4,828,149	4,976,540	3,072,626	4,431,385	5,230,581	5,011,757
Carville Energy Center	Louisiana	55404	COG02	3,758,686	3,538,956	3,438,338	5,336,714	5,195,151	4,763,517
Coughlin Power Station	Louisiana	1396	6-1	1,546,963	2,090,805	2,043,680	1,040,808	125,510	1,893,816
Coughlin Power Station	Louisiana	1396	7-1	4,859,092	3,653,906	4,473,641	4,595,083	2,406,662	4,642,605
Coughlin Power Station	Louisiana	1396	7-2	4,716,399	3,088,276	3,374,423	3,936,520	2,121,186	4,009,114
D G Hunter	Louisiana	6558	3	5,003	1,995	21,513	201,415		75,977
D G Hunter	Louisiana	6558	4	17,483	2,867	103,616	309,940		143,680
Doc Bonin	Louisiana	1443	1	379	5,415	254,601	49,906	21	103,307
Doc Bonin	Louisiana	1443	2	791,268	469,632	666,534	1,021,096	1,871,904	1,228,089
Doc Bonin	Louisiana	1443	3				1,218,971	1,517,155	1,368,063
Dolet Hills Power Station	Louisiana	51	1	23,313,462	18,266,743	20,376,323	21,431,873	22,165,220	22,303,518
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	323,791	360,273	424,784	259,558	572,224	452,427
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	261,105	449,530	406,769	383,231	424,742	427,014
Houma	Louisiana	1439	15	233,884	56	286,899	80,749		200,511
Houma	Louisiana	1439	16	214,634	200,538	308,492	251,756	95,057	258,294
Lieberman Power Plant	Louisiana	1417	3	289,901	327,203	138,601	895,639	535,234	586,025
Lieberman Power Plant	Louisiana	1417	4	408,845	429,896	552,718	672,530	508,857	578,035
Little Gypsy	Louisiana	1402	1	2,253,208	137,686	2,693,144	3,463,589	2,284,495	2,813,743
Little Gypsy	Louisiana	1402	2	3,681,702	4,267,933	5,196,004	3,043,944	2,082,544	4,381,880
Little Gypsy	Louisiana	1402	3	2,834,036	5,972,751	4,890,891	7,921,678	7,940,597	7,278,342
Louisiana 1	Louisiana	1391	1A	1,335,107	1,289,189	1,527,815	1,450,482	1,497,914	1,492,070
Louisiana 1	Louisiana	1391	2A	1,219,223	1,201,431	1,492,669	1,268,627	1,324,217	1,361,838
Louisiana 1	Louisiana	1391	3A	1,379,143	1,678,640	924,710	1,465,037	1,598,805	1,580,827
Louisiana 1	Louisiana	1391	4A	3,955,173	4,084,133	4,766,613	3,139,077	5,813,315	4,888,020

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Brame Energy Center	Louisiana	6190	3-2	349,547,842	0.014795	17,485	17,485	259	259
Calcasieu Plant	Louisiana	55165	GTG1	349,547,842	0.001677	17,485	17,485	29	29
Calcasieu Plant	Louisiana	55165	GTG2	349,547,842	0.001857	17,485	17,485	32	32
Carville Energy Center	Louisiana	55404	COG01	349,547,842	0.014338	17,485	17,485	251	251
Carville Energy Center	Louisiana	55404	COG02	349,547,842	0.013628	17,485	17,485	238	238
Coughlin Power Station	Louisiana	1396	6-1	349,547,842	0.005418	17,485	17,485	95	95
Coughlin Power Station	Louisiana	1396	7-1	349,547,842	0.013282	17,485	17,485	232	232
Coughlin Power Station	Louisiana	1396	7-2	349,547,842	0.011469	17,485	17,485	201	201
D G Hunter	Louisiana	6558	3	349,547,842	0.000217	17,485	17,485	4	4
D G Hunter	Louisiana	6558	4	349,547,842	0.000411	17,485	17,485	7	7
Doc Bonin	Louisiana	1443	1	349,547,842	0.000296	17,485	17,485	5	5
Doc Bonin	Louisiana	1443	2	349,547,842	0.003513	17,485	17,485	61	61
Doc Bonin	Louisiana	1443	3	349,547,842	0.003914	17,485	17,485	68	68
Dolet Hills Power Station	Louisiana	51	1	349,547,842	0.063807	17,485	17,485	1,116	1,116
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	349,547,842	0.001294	17,485	17,485	23	23
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	349,547,842	0.001222	17,485	17,485	21	21
Houma	Louisiana	1439	15	349,547,842	0.000574	17,485	17,485	10	10
Houma	Louisiana	1439	16	349,547,842	0.000739	17,485	17,485	13	13
Lieberman Power Plant	Louisiana	1417	3	349,547,842	0.001677	17,485	17,485	29	29
Lieberman Power Plant	Louisiana	1417	4	349,547,842	0.001654	17,485	17,485	29	29
Little Gypsy	Louisiana	1402	1	349,547,842	0.008050	17,485	17,485	141	141
Little Gypsy	Louisiana	1402	2	349,547,842	0.012536	17,485	17,485	219	219
Little Gypsy	Louisiana	1402	3	349,547,842	0.020822	17,485	17,485	364	364
Louisiana 1	Louisiana	1391	1A	349,547,842	0.004269	17,485	17,485	75	75
Louisiana 1	Louisiana	1391	2A	349,547,842	0.003896	17,485	17,485	68	68
Louisiana 1	Louisiana	1391	3A	349,547,842	0.004522	17,485	17,485	79	79
Louisiana 1	Louisiana	1391	4A	349,547,842	0.013984	17,485	17,485	245	245

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Brame Energy Center	Louisiana	6190	3-2						
Calcasieu Plant	Louisiana	55165	GTG1	6	1	2	8	10	10
Calcasieu Plant	Louisiana	55165	GTG2	4	0	3	6	8	25
Carville Energy Center	Louisiana	55404	COG01	57	52	64	70	74	45
Carville Energy Center	Louisiana	55404	COG02	37	33	51	74	71	55
Coughlin Power Station	Louisiana	1396	6-1	11		24	40	50	58
Coughlin Power Station	Louisiana	1396	7-1	40	31	47	81	51	63
Coughlin Power Station	Louisiana	1396	7-2	38	32	90	92	40	47
D G Hunter	Louisiana	6558	3	10			3	0	2
D G Hunter	Louisiana	6558	4	28			5	1	31
Doc Bonin	Louisiana	1443	1	4	41	4	0	0	24
Doc Bonin	Louisiana	1443	2	39	52	87	49	24	45
Doc Bonin	Louisiana	1443	3	315	324	396			0
Dolet Hills Power Station	Louisiana	51	1	5,134	5,419	5,695	4,607	2,161	2,213
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1				13	14	16
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2				10	17	16
Houma	Louisiana	1439	15	5	27	17	47	0	39
Houma	Louisiana	1439	16	63	49	44	21	19	26
Lieberman Power Plant	Louisiana	1417	3	42	2	32	19	23	10
Lieberman Power Plant	Louisiana	1417	4	43	10	32	25	25	39
Little Gypsy	Louisiana	1402	1	257	362	253	277	11	430
Little Gypsy	Louisiana	1402	2	195	268	457	217	326	409
Little Gypsy	Louisiana	1402	3	576	405	1,057	327	954	795
Louisiana 1	Louisiana	1391	1A	58	117	59	54	57	61
Louisiana 1	Louisiana	1391	2A	42	57	51	61	62	64
Louisiana 1	Louisiana	1391	3A	71	97	62	66	81	45
Louisiana 1	Louisiana	1391	4A	380	376	370	319	299	352

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Brame Energy Center	Louisiana	6190	3-2		154	154			
Calcasieu Plant	Louisiana	55165	GTG1	12	26	26			
Calcasieu Plant	Louisiana	55165	GTG2	13	36	36			
Carville Energy Center	Louisiana	55404	COG01	58	78	78			
Carville Energy Center	Louisiana	55404	COG02	76	85	85			
Coughlin Power Station	Louisiana	1396	6-1	27	3	58			
Coughlin Power Station	Louisiana	1396	7-1	60	33	81			
Coughlin Power Station	Louisiana	1396	7-2	48	26	92			
D G Hunter	Louisiana	6558	3	121		121			
D G Hunter	Louisiana	6558	4	186		186			
Doc Bonin	Louisiana	1443	1	4		41			
Doc Bonin	Louisiana	1443	2	51	128	128			
Doc Bonin	Louisiana	1443	3	108	107	396			
Dolet Hills Power Station	Louisiana	51	1	1,986	2,135	5,695			
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	9	22	22			
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	14	17	17			
Houma	Louisiana	1439	15	19		47			
Houma	Louisiana	1439	16	50	7	63			
Lieberman Power Plant	Louisiana	1417	3	57	21	57			
Lieberman Power Plant	Louisiana	1417	4	46	22	46			
Little Gypsy	Louisiana	1402	1	523	297	523			
Little Gypsy	Louisiana	1402	2	152	122	457			
Little Gypsy	Louisiana	1402	3	1,296	1,261	1,296			
Louisiana 1	Louisiana	1391	1A	57	68	117			
Louisiana 1	Louisiana	1391	2A	58	68	68			
Louisiana 1	Louisiana	1391	3A	68	77	97			
Louisiana 1	Louisiana	1391	4A	230	478	478			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reappportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reappportionment if BV < (CF and CH))
Brame Energy Center	Louisiana	6190	3-2				154	154
Calcasieu Plant	Louisiana	55165	GTG1				26	26
Calcasieu Plant	Louisiana	55165	GTG2				36	36
Carville Energy Center	Louisiana	55404	COG01				78	78
Carville Energy Center	Louisiana	55404	COG02				85	85
Coughlin Power Station	Louisiana	1396	6-1				58	58
Coughlin Power Station	Louisiana	1396	7-1				81	81
Coughlin Power Station	Louisiana	1396	7-2				92	92
D G Hunter	Louisiana	6558	3				5	5
D G Hunter	Louisiana	6558	4				10	10
Doc Bonin	Louisiana	1443	1				7	7
Doc Bonin	Louisiana	1443	2				82	82
Doc Bonin	Louisiana	1443	3				92	92
Dolet Hills Power Station	Louisiana	51	1				1,497	1,497
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1				22	22
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2				17	17
Houma	Louisiana	1439	15				13	13
Houma	Louisiana	1439	16				17	17
Lieberman Power Plant	Louisiana	1417	3				39	39
Lieberman Power Plant	Louisiana	1417	4				39	39
Little Gypsy	Louisiana	1402	1				189	189
Little Gypsy	Louisiana	1402	2				294	294
Little Gypsy	Louisiana	1402	3				488	488
Louisiana 1	Louisiana	1391	1A				100	100
Louisiana 1	Louisiana	1391	2A				68	68
Louisiana 1	Louisiana	1391	3A				97	97
Louisiana 1	Louisiana	1391	4A				328	328

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI))	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ))	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK))	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL))	
Brame Energy Center	Louisiana	6190	3-2	154	154	154	154	
Calcasieu Plant	Louisiana	55165	GTG1	26	26	26	26	
Calcasieu Plant	Louisiana	55165	GTG2	36	36	36	36	
Carville Energy Center	Louisiana	55404	COG01	78	78	78	78	
Carville Energy Center	Louisiana	55404	COG02	85	85	85	85	
Coughlin Power Station	Louisiana	1396	6-1	58	58	58	58	
Coughlin Power Station	Louisiana	1396	7-1	81	81	81	81	
Coughlin Power Station	Louisiana	1396	7-2	92	92	92	92	
D G Hunter	Louisiana	6558	3	5	5	5	5	
D G Hunter	Louisiana	6558	4	10	10	10	10	
Doc Bonin	Louisiana	1443	1	7	7	7	7	
Doc Bonin	Louisiana	1443	2	82	82	82	82	
Doc Bonin	Louisiana	1443	3	92	92	92	92	
Dolet Hills Power Station	Louisiana	51	1	1,497	1,497	1,497	1,497	
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	22	22	22	22	
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	17	17	17	17	
Houma	Louisiana	1439	15	13	13	13	13	
Houma	Louisiana	1439	16	17	17	17	17	
Lieberman Power Plant	Louisiana	1417	3	39	39	39	39	
Lieberman Power Plant	Louisiana	1417	4	39	39	39	39	
Little Gypsy	Louisiana	1402	1	189	189	189	189	
Little Gypsy	Louisiana	1402	2	294	294	294	294	
Little Gypsy	Louisiana	1402	3	488	488	488	488	
Louisiana 1	Louisiana	1391	1A	100	100	100	100	
Louisiana 1	Louisiana	1391	2A	68	68	68	68	
Louisiana 1	Louisiana	1391	3A	97	97	97	97	
Louisiana 1	Louisiana	1391	4A	328	328	328	328	

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Brame Energy Center	Louisiana	6190	3-2			Y		
Calcasieu Plant	Louisiana	55165	GTG1			Y		
Calcasieu Plant	Louisiana	55165	GTG2			Y		
Carville Energy Center	Louisiana	55404	COG01			Y		
Carville Energy Center	Louisiana	55404	COG02			Y		
Coughlin Power Station	Louisiana	1396	6-1			Y		
Coughlin Power Station	Louisiana	1396	7-1			Y		
Coughlin Power Station	Louisiana	1396	7-2			Y		
D G Hunter	Louisiana	6558	3			Y		
D G Hunter	Louisiana	6558	4			Y		
Doc Bonin	Louisiana	1443	1			Y		
Doc Bonin	Louisiana	1443	2			Y		
Doc Bonin	Louisiana	1443	3			Y		Y
Dolet Hills Power Station	Louisiana	51	1			Y		
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1			Y		
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2			Y		
Houma	Louisiana	1439	15			Y		
Houma	Louisiana	1439	16			Y		
Lieberman Power Plant	Louisiana	1417	3			Y		
Lieberman Power Plant	Louisiana	1417	4			Y		
Little Gypsy	Louisiana	1402	1			Y		
Little Gypsy	Louisiana	1402	2			Y		
Little Gypsy	Louisiana	1402	3			Y		
Louisiana 1	Louisiana	1391	1A			Y		
Louisiana 1	Louisiana	1391	2A			Y		
Louisiana 1	Louisiana	1391	3A			Y		
Louisiana 1	Louisiana	1391	4A			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Louisiana 1	Louisiana	1391	5A	940	15,083,230	13,746,738	13,742,924	14,584,246	13,225,043
Michoud	Louisiana	1409	1	976	199	184	1,423	1,842	4,238
Michoud	Louisiana	1409	2	977	3,342,934	4,152,796	4,943,038	6,764,329	7,253,040
Michoud	Louisiana	1409	3	978	6,165,291	17,239,064	19,424,320	19,146,085	14,206,109
Morgan City Electrical Gen Facility	Louisiana	1449	4	989	1,299,661	620,325	389,796	479,150	443,366
Natchitoches	Louisiana	1450	10	990	22,569	6,443	26,749	12	
Nelson Industrial Steam Company	Louisiana	50030	1A	90014	9,630,212	10,632,356	11,121,587		5,884,497
Nelson Industrial Steam Company	Louisiana	50030	2A	90015	9,933,041	9,630,213	10,092,832	9,773,298	7,515,432
Ninemile Point	Louisiana	1403	1	966	1,345,621	233,275	1,231,016	1,879	4,390
Ninemile Point	Louisiana	1403	2	967	1,335,639	92,119	23		
Ninemile Point	Louisiana	1403	3	968	1,342,727	674,758	1,051,199	2,019,683	1,623,628
Ninemile Point	Louisiana	1403	4	969	22,236,335	32,266,618	19,522,581	25,172,304	21,794,304
Ninemile Point	Louisiana	1403	5	970	21,630,939	30,039,655	29,336,730	4,213,171	28,891,264
Ouachita Plant	Louisiana	55467	CTGEN1	4829	2,821,177	3,406,646	3,814,673	2,224,598	3,206,568
Ouachita Plant	Louisiana	55467	CTGEN2	4830	3,486,696	3,645,345	3,386,619	1,362,698	2,364,343
Ouachita Plant	Louisiana	55467	CTGEN3	4831	3,179,476	4,725,920	3,161,198	2,779,365	2,841,033
Perryville Power Station	Louisiana	55620	1-1	3329	7,926,698	8,704,358	7,851,013	6,191,623	7,104,830
Perryville Power Station	Louisiana	55620	1-2	3330	7,453,261	8,973,971	8,391,366	5,688,049	7,091,107
Perryville Power Station	Louisiana	55620	2-1	3331	103,622	251,720	175,474	52,906	58,319
Plaquemine Cogen Facility	Louisiana	55419	500	4709	12,624,368	13,655,997	10,701,253	13,202,195	11,799,101
Plaquemine Cogen Facility	Louisiana	55419	600	4710	12,066,164	11,517,405	13,926,273	11,433,234	14,570,355
Plaquemine Cogen Facility	Louisiana	55419	700	4711	13,726,721	10,713,578	12,630,912	14,107,757	12,343,307
Plaquemine Cogen Facility	Louisiana	55419	800	4712	11,069,382	9,820,773	9,906,219	12,314,394	13,827,572
R S Cogen	Louisiana	55117	RS-5	3940	14,373,728	14,357,832	11,638,357	14,253,290	13,074,234
R S Cogen	Louisiana	55117	RS-6	3941	14,081,051	13,838,989	13,139,232	13,249,760	13,467,317
R S Nelson	Louisiana	1393	3	948	2,403,356	1,931,983	2,893,532	2,278,407	1,606,087
R S Nelson	Louisiana	1393	4	949	7,837,413	11,904,238	13,958,028	12,004,844	14,159,449

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Louisiana 1	Louisiana	1391	5A	14,471,404	716,384,268	0.020201		
Michoud	Louisiana	1409	1	2,501	716,384,268	0.000003		
Michoud	Louisiana	1409	2	6,320,136	716,384,268	0.008822		
Michoud	Louisiana	1409	3	18,603,156	716,384,268	0.025968		
Morgan City Electrical Gen Facility	Louisiana	1449	4	799,712	716,384,268	0.001116		
Natchitoches	Louisiana	1450	10	18,587	716,384,268	0.000026		
Nelson Industrial Steam Company	Louisiana	50030	1A	10,461,385	716,384,268	0.014603		
Nelson Industrial Steam Company	Louisiana	50030	2A	9,933,057	716,384,268	0.013866		
Ninemile Point	Louisiana	1403	1	936,637	716,384,268	0.001307		
Ninemile Point	Louisiana	1403	2	475,927	716,384,268	0.000664		
Ninemile Point	Louisiana	1403	3	1,662,013	716,384,268	0.002320		
Ninemile Point	Louisiana	1403	4	26,558,419	716,384,268	0.037073		
Ninemile Point	Louisiana	1403	5	29,422,550	716,384,268	0.041071		
Ouachita Plant	Louisiana	55467	CTGEN1	3,475,962	716,384,268	0.004852		
Ouachita Plant	Louisiana	55467	CTGEN2	3,506,220	716,384,268	0.004894		
Ouachita Plant	Louisiana	55467	CTGEN3	3,688,865	716,384,268	0.005149		
Perryville Power Station	Louisiana	55620	1-1	8,160,690	716,384,268	0.011391		
Perryville Power Station	Louisiana	55620	1-2	8,272,866	716,384,268	0.011548		
Perryville Power Station	Louisiana	55620	2-1	176,939	716,384,268	0.000247		
Plaquemine Cogen Facility	Louisiana	55419	500	13,160,853	716,384,268	0.018371		
Plaquemine Cogen Facility	Louisiana	55419	600	13,520,931	716,384,268	0.018874		
Plaquemine Cogen Facility	Louisiana	55419	700	13,488,463	716,384,268	0.018829		
Plaquemine Cogen Facility	Louisiana	55419	800	12,403,783	716,384,268	0.017314		
R S Cogen	Louisiana	55117	RS-5	14,328,283	716,384,268	0.020001		
R S Cogen	Louisiana	55117	RS-6	13,795,786	716,384,268	0.019258		
R S Nelson	Louisiana	1393	3	2,525,098	716,384,268	0.003525		
R S Nelson	Louisiana	1393	4	13,374,107	716,384,268	0.018669		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Louisiana 1	Louisiana	1391	5A						
Michoud	Louisiana	1409	1						
Michoud	Louisiana	1409	2						
Michoud	Louisiana	1409	3						
Morgan City Electrical Gen Facility	Louisiana	1449	4						
Natchitoches	Louisiana	1450	10						
Nelson Industrial Steam Company	Louisiana	50030	1A						
Nelson Industrial Steam Company	Louisiana	50030	2A						
Ninemile Point	Louisiana	1403	1						
Ninemile Point	Louisiana	1403	2						
Ninemile Point	Louisiana	1403	3						
Ninemile Point	Louisiana	1403	4						
Ninemile Point	Louisiana	1403	5						
Ouachita Plant	Louisiana	55467	CTGEN1						
Ouachita Plant	Louisiana	55467	CTGEN2						
Ouachita Plant	Louisiana	55467	CTGEN3						
Perryville Power Station	Louisiana	55620	1-1						
Perryville Power Station	Louisiana	55620	1-2						
Perryville Power Station	Louisiana	55620	2-1						
Plaquemine Cogen Facility	Louisiana	55419	500						
Plaquemine Cogen Facility	Louisiana	55419	600						
Plaquemine Cogen Facility	Louisiana	55419	700						
Plaquemine Cogen Facility	Louisiana	55419	800						
R S Cogen	Louisiana	55117	RS-5						
R S Cogen	Louisiana	55117	RS-6						
R S Nelson	Louisiana	1393	3						
R S Nelson	Louisiana	1393	4						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Louisiana 1	Louisiana	1391	5A	20	34	8	44	32	29
Michoud	Louisiana	1409	1	0	1	0			
Michoud	Louisiana	1409	2	3	1	1	1	1	1
Michoud	Louisiana	1409	3	4	16	30	2	222	10
Morgan City Electrical Gen Facility	Louisiana	1449	4	0	0	0	0	0	0
Natchitoches	Louisiana	1450	10	0	0	0	0	0	0
Nelson Industrial Steam Company	Louisiana	50030	1A						
Nelson Industrial Steam Company	Louisiana	50030	2A						
Ninemile Point	Louisiana	1403	1	0	1	1	0	0	0
Ninemile Point	Louisiana	1403	2	1	1	1	0	0	
Ninemile Point	Louisiana	1403	3	1	1	1	0	0	0
Ninemile Point	Louisiana	1403	4	32	22	30	7	10	25
Ninemile Point	Louisiana	1403	5	21	31	6	6	10	10
Ouachita Plant	Louisiana	55467	CTGEN1	3	1	1	1	1	1
Ouachita Plant	Louisiana	55467	CTGEN2	4	1	1	1	1	1
Ouachita Plant	Louisiana	55467	CTGEN3	3	1	1	1	1	1
Perryville Power Station	Louisiana	55620	1-1	1	2	2	2	3	2
Perryville Power Station	Louisiana	55620	1-2	1	2	3	2	3	3
Perryville Power Station	Louisiana	55620	2-1	0	0	0	0	0	0
Plaquemine Cogen Facility	Louisiana	55419	500		3	3	2	2	2
Plaquemine Cogen Facility	Louisiana	55419	600		2	2	2	2	3
Plaquemine Cogen Facility	Louisiana	55419	700		3	3	2	2	2
Plaquemine Cogen Facility	Louisiana	55419	800		3	2	2	2	2
R S Cogen	Louisiana	55117	RS-5	4	4	4	4	4	3
R S Cogen	Louisiana	55117	RS-6	4	4	4	4	4	4
R S Nelson	Louisiana	1393	3	2	1	1	1	1	1
R S Nelson	Louisiana	1393	4	3	4	3	2	4	4

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Louisiana 1	Louisiana	1391	5A	18	7	44			
Michoud	Louisiana	1409	1	0	0	1			
Michoud	Louisiana	1409	2	2	2	3			
Michoud	Louisiana	1409	3	6	4	222			
Morgan City Electrical Gen Facility	Louisiana	1449	4	0	0	0			
Natchitoches	Louisiana	1450	10			0			
Nelson Industrial Steam Company	Louisiana	50030	1A		1,841	1,841			
Nelson Industrial Steam Company	Louisiana	50030	2A	3,197	2,292	3,197			
Ninemile Point	Louisiana	1403	1		0	1			
Ninemile Point	Louisiana	1403	2			1			
Ninemile Point	Louisiana	1403	3	1	0	1			
Ninemile Point	Louisiana	1403	4	8	7	32			
Ninemile Point	Louisiana	1403	5	1	9	31			
Ouachita Plant	Louisiana	55467	CTGEN1	1	1	3			
Ouachita Plant	Louisiana	55467	CTGEN2	0	1	4			
Ouachita Plant	Louisiana	55467	CTGEN3	1	1	3			
Perryville Power Station	Louisiana	55620	1-1	2	2	3			
Perryville Power Station	Louisiana	55620	1-2	2	2	3			
Perryville Power Station	Louisiana	55620	2-1	0	0	0			
Plaquemine Cogen Facility	Louisiana	55419	500	3	2	3			
Plaquemine Cogen Facility	Louisiana	55419	600	2	3	3			
Plaquemine Cogen Facility	Louisiana	55419	700	3	5	5			
Plaquemine Cogen Facility	Louisiana	55419	800	2	3	3			
R S Cogen	Louisiana	55117	RS-5	4	4	4			
R S Cogen	Louisiana	55117	RS-6	4	4	4			
R S Nelson	Louisiana	1393	3	1	0	2			
R S Nelson	Louisiana	1393	4	4	4	4			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Louisiana 1	Louisiana	1391	5A				332	280	324
Michoud	Louisiana	1409	1				43	93	34
Michoud	Louisiana	1409	2				1,187	430	313
Michoud	Louisiana	1409	3				2,736	3,227	2,688
Morgan City Electrical Gen Facility	Louisiana	1449	4				33	66	32
Natchitoches	Louisiana	1450	10				2	2	1
Nelson Industrial Steam Company	Louisiana	50030	1A						
Nelson Industrial Steam Company	Louisiana	50030	2A						
Ninemile Point	Louisiana	1403	1				125	188	155
Ninemile Point	Louisiana	1403	2				160	177	106
Ninemile Point	Louisiana	1403	3				127	141	176
Ninemile Point	Louisiana	1403	4				3,891	2,638	3,340
Ninemile Point	Louisiana	1403	5				2,911	4,595	3,220
Ouachita Plant	Louisiana	55467	CTGEN1				40	12	16
Ouachita Plant	Louisiana	55467	CTGEN2				41	9	13
Ouachita Plant	Louisiana	55467	CTGEN3				36	9	24
Perryville Power Station	Louisiana	55620	1-1				34	44	47
Perryville Power Station	Louisiana	55620	1-2				36	49	56
Perryville Power Station	Louisiana	55620	2-1				1	2	3
Plaquemine Cogen Facility	Louisiana	55419	500					98	94
Plaquemine Cogen Facility	Louisiana	55419	600					59	102
Plaquemine Cogen Facility	Louisiana	55419	700					68	100
Plaquemine Cogen Facility	Louisiana	55419	800					72	80
R S Cogen	Louisiana	55117	RS-5				358	386	389
R S Cogen	Louisiana	55117	RS-6				356	379	375
R S Nelson	Louisiana	1393	3				486	420	309
R S Nelson	Louisiana	1393	4				697	701	743

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Louisiana 1	Louisiana	1391	5A	268	263	282	289	282	332
Michoud	Louisiana	1409	1	0	0	0	0	0	93
Michoud	Louisiana	1409	2	211	298	432	699	800	1,187
Michoud	Louisiana	1409	3	877	2,298	2,064	1,005	874	3,227
Morgan City Electrical Gen Facility	Louisiana	1449	4	76	27	19	26	23	76
Natchitoches	Louisiana	1450	10	3	1	3			3
Nelson Industrial Steam Company	Louisiana	50030	1A			742		276	742
Nelson Industrial Steam Company	Louisiana	50030	2A			838	713	583	838
Ninemile Point	Louisiana	1403	1	99	18	76	0	0	188
Ninemile Point	Louisiana	1403	2	75	5				177
Ninemile Point	Louisiana	1403	3	88	41	63	151	119	176
Ninemile Point	Louisiana	1403	4	3,193	5,265	3,146	4,241	3,536	5,265
Ninemile Point	Louisiana	1403	5	3,543	4,980	4,599	628	4,410	4,980
Ouachita Plant	Louisiana	55467	CTGEN1	31	36	37	21	28	40
Ouachita Plant	Louisiana	55467	CTGEN2	37	39	33	14	25	41
Ouachita Plant	Louisiana	55467	CTGEN3	34	51	32	24	26	51
Perryville Power Station	Louisiana	55620	1-1	50	53	49	54	60	60
Perryville Power Station	Louisiana	55620	1-2	46	54	55	48	55	56
Perryville Power Station	Louisiana	55620	2-1	2	3	3	1	1	3
Plaquemine Cogen Facility	Louisiana	55419	500	86	104	84	100	94	104
Plaquemine Cogen Facility	Louisiana	55419	600	96	85	98	85	127	127
Plaquemine Cogen Facility	Louisiana	55419	700	90	75	87	90	94	100
Plaquemine Cogen Facility	Louisiana	55419	800	81	69	94	91	104	104
R S Cogen	Louisiana	55117	RS-5	383	412	307	443	373	443
R S Cogen	Louisiana	55117	RS-6	364	390	345	386	372	390
R S Nelson	Louisiana	1393	3	193	156	210	172	111	486
R S Nelson	Louisiana	1393	4	521	778	851	767	918	918

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Louisiana 1	Louisiana	1391	5A						
Michoud	Louisiana	1409	1						
Michoud	Louisiana	1409	2						
Michoud	Louisiana	1409	3						
Morgan City Electrical Gen Facility	Louisiana	1449	4						
Natchitoches	Louisiana	1450	10						
Nelson Industrial Steam Company	Louisiana	50030	1A						
Nelson Industrial Steam Company	Louisiana	50030	2A						
Ninemile Point	Louisiana	1403	1						
Ninemile Point	Louisiana	1403	2						
Ninemile Point	Louisiana	1403	3						
Ninemile Point	Louisiana	1403	4						
Ninemile Point	Louisiana	1403	5						
Ouachita Plant	Louisiana	55467	CTGEN1						
Ouachita Plant	Louisiana	55467	CTGEN2						
Ouachita Plant	Louisiana	55467	CTGEN3						
Perryville Power Station	Louisiana	55620	1-1						
Perryville Power Station	Louisiana	55620	1-2						
Perryville Power Station	Louisiana	55620	2-1						
Plaquemine Cogen Facility	Louisiana	55419	500						
Plaquemine Cogen Facility	Louisiana	55419	600						
Plaquemine Cogen Facility	Louisiana	55419	700						
Plaquemine Cogen Facility	Louisiana	55419	800						
R S Cogen	Louisiana	55117	RS-5						
R S Cogen	Louisiana	55117	RS-6						
R S Nelson	Louisiana	1393	3						
R S Nelson	Louisiana	1393	4						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Louisiana 1	Louisiana	1391	5A				
Michoud	Louisiana	1409	1				
Michoud	Louisiana	1409	2				
Michoud	Louisiana	1409	3				
Morgan City Electrical Gen Facility	Louisiana	1449	4				
Natchitoches	Louisiana	1450	10				
Nelson Industrial Steam Company	Louisiana	50030	1A				
Nelson Industrial Steam Company	Louisiana	50030	2A				
Ninemile Point	Louisiana	1403	1				
Ninemile Point	Louisiana	1403	2				
Ninemile Point	Louisiana	1403	3				
Ninemile Point	Louisiana	1403	4				
Ninemile Point	Louisiana	1403	5				
Ouachita Plant	Louisiana	55467	CTGEN1				
Ouachita Plant	Louisiana	55467	CTGEN2				
Ouachita Plant	Louisiana	55467	CTGEN3				
Perryville Power Station	Louisiana	55620	1-1				
Perryville Power Station	Louisiana	55620	1-2				
Perryville Power Station	Louisiana	55620	2-1				
Plaquemine Cogen Facility	Louisiana	55419	500				
Plaquemine Cogen Facility	Louisiana	55419	600				
Plaquemine Cogen Facility	Louisiana	55419	700				
Plaquemine Cogen Facility	Louisiana	55419	800				
R S Cogen	Louisiana	55117	RS-5				
R S Cogen	Louisiana	55117	RS-6				
R S Nelson	Louisiana	1393	3				
R S Nelson	Louisiana	1393	4				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Louisiana 1	Louisiana	1391	5A				
Michoud	Louisiana	1409	1				
Michoud	Louisiana	1409	2				
Michoud	Louisiana	1409	3				
Morgan City Electrical Gen Facility	Louisiana	1449	4				
Natchitoches	Louisiana	1450	10				
Nelson Industrial Steam Company	Louisiana	50030	1A				
Nelson Industrial Steam Company	Louisiana	50030	2A				
Ninemile Point	Louisiana	1403	1				
Ninemile Point	Louisiana	1403	2				
Ninemile Point	Louisiana	1403	3				
Ninemile Point	Louisiana	1403	4				
Ninemile Point	Louisiana	1403	5				
Ouachita Plant	Louisiana	55467	CTGEN1				
Ouachita Plant	Louisiana	55467	CTGEN2				
Ouachita Plant	Louisiana	55467	CTGEN3				
Perryville Power Station	Louisiana	55620	1-1				
Perryville Power Station	Louisiana	55620	1-2				
Perryville Power Station	Louisiana	55620	2-1				
Plaquemine Cogen Facility	Louisiana	55419	500				
Plaquemine Cogen Facility	Louisiana	55419	600				
Plaquemine Cogen Facility	Louisiana	55419	700				
Plaquemine Cogen Facility	Louisiana	55419	800				
R S Cogen	Louisiana	55117	RS-5				
R S Cogen	Louisiana	55117	RS-6				
R S Nelson	Louisiana	1393	3				
R S Nelson	Louisiana	1393	4				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Louisiana 1	Louisiana	1391	5A				
Michoud	Louisiana	1409	1				
Michoud	Louisiana	1409	2				
Michoud	Louisiana	1409	3				
Morgan City Electrical Gen Facility	Louisiana	1449	4				
Natchitoches	Louisiana	1450	10				
Nelson Industrial Steam Company	Louisiana	50030	1A				
Nelson Industrial Steam Company	Louisiana	50030	2A				
Ninemile Point	Louisiana	1403	1				
Ninemile Point	Louisiana	1403	2				
Ninemile Point	Louisiana	1403	3				
Ninemile Point	Louisiana	1403	4				
Ninemile Point	Louisiana	1403	5				
Ouachita Plant	Louisiana	55467	CTGEN1				
Ouachita Plant	Louisiana	55467	CTGEN2				
Ouachita Plant	Louisiana	55467	CTGEN3				
Perryville Power Station	Louisiana	55620	1-1				
Perryville Power Station	Louisiana	55620	1-2				
Perryville Power Station	Louisiana	55620	2-1				
Plaquemine Cogen Facility	Louisiana	55419	500				
Plaquemine Cogen Facility	Louisiana	55419	600				
Plaquemine Cogen Facility	Louisiana	55419	700				
Plaquemine Cogen Facility	Louisiana	55419	800				
R S Cogen	Louisiana	55117	RS-5				
R S Cogen	Louisiana	55117	RS-6				
R S Nelson	Louisiana	1393	3				
R S Nelson	Louisiana	1393	4				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Louisiana 1	Louisiana	1391	5A	6,261,071	5,100,649	5,780,567	6,220,568	4,355,968	6,087,402
Michoud	Louisiana	1409	1	199				4,238	2,219
Michoud	Louisiana	1409	2	1,854,663	2,175,788	2,932,986	3,602,871	4,147,605	3,561,154
Michoud	Louisiana	1409	3	4,681,921	9,924,202	8,539,438	8,341,324	4,720,187	8,934,988
Morgan City Electrical Gen Facility	Louisiana	1449	4	1,236,128	501,567	389,796	364,536	441,234	726,310
Natchitoches	Louisiana	1450	10	5,862	6,441	9,901			7,401
Nelson Industrial Steam Company	Louisiana	50030	1A	4,154,268	4,642,448	4,583,780		2,482,560	4,460,165
Nelson Industrial Steam Company	Louisiana	50030	2A	4,154,268	4,642,447	4,032,154	4,176,855	3,633,351	4,324,523
Ninemile Point	Louisiana	1403	1	905,718	69,765	986,360	588	1,323	653,948
Ninemile Point	Louisiana	1403	2	1,060,061	842	23			353,642
Ninemile Point	Louisiana	1403	3	954,775	362,563	879,986	1,370,911	1,558,459	1,294,715
Ninemile Point	Louisiana	1403	4	9,267,610	15,542,275	12,690,008	10,835,131	12,087,539	13,439,941
Ninemile Point	Louisiana	1403	5	12,232,788	15,541,694	14,227,331	3,166,087	14,624,946	14,797,991
Ouachita Plant	Louisiana	55467	CTGEN1	2,219,130	2,379,861	2,386,630	624,039	2,040,482	2,328,540
Ouachita Plant	Louisiana	55467	CTGEN2	2,629,068	2,625,032	2,041,638	604,894	1,361,775	2,431,913
Ouachita Plant	Louisiana	55467	CTGEN3	2,740,660	2,811,401	1,684,268	1,400,775	1,500,041	2,412,110
Perryville Power Station	Louisiana	55620	1-1	4,019,367	3,630,358	3,995,686	3,668,396	4,211,073	4,075,375
Perryville Power Station	Louisiana	55620	1-2	3,729,314	3,718,643	3,895,829	2,977,490	4,576,516	4,067,220
Perryville Power Station	Louisiana	55620	2-1	70,326	146,777	53,468	6,751	24,646	90,191
Plaquemine Cogen Facility	Louisiana	55419	500	5,782,069	5,829,074	3,436,478	6,503,400	3,852,597	6,038,181
Plaquemine Cogen Facility	Louisiana	55419	600	4,926,082	5,469,340	5,406,913	2,399,312	5,933,178	5,603,144
Plaquemine Cogen Facility	Louisiana	55419	700	5,241,783	3,322,086	5,260,352	7,040,675	5,640,582	5,980,536
Plaquemine Cogen Facility	Louisiana	55419	800	5,095,033	3,736,710	5,108,776	4,898,649	5,297,180	5,166,996
R S Cogen	Louisiana	55117	RS-5	5,814,881	6,005,782	5,281,183	5,769,655	5,478,284	5,863,440
R S Cogen	Louisiana	55117	RS-6	6,320,364	5,927,061	5,558,810	6,111,414	6,101,305	6,177,694
R S Nelson	Louisiana	1393	3	1,026,941	700,069	1,711,611	1,193,328	1,205,298	1,370,079
R S Nelson	Louisiana	1393	4	3,049,722	6,779,469	6,310,751	6,925,031	8,978,425	7,560,975

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Louisiana 1	Louisiana	1391	5A	349,547,842	0.017415	17,485	17,485	305	305
Michoud	Louisiana	1409	1	349,547,842	0.000006	17,485	17,485	0	0
Michoud	Louisiana	1409	2	349,547,842	0.010188	17,485	17,485	178	178
Michoud	Louisiana	1409	3	349,547,842	0.025562	17,485	17,485	447	447
Morgan City Electrical Gen Facility	Louisiana	1449	4	349,547,842	0.002078	17,485	17,485	36	36
Natchitoches	Louisiana	1450	10	349,547,842	0.000021	17,485	17,485	0	0
Nelson Industrial Steam Company	Louisiana	50030	1A	349,547,842	0.012760	17,485	17,485	223	223
Nelson Industrial Steam Company	Louisiana	50030	2A	349,547,842	0.012372	17,485	17,485	216	216
Ninemile Point	Louisiana	1403	1	349,547,842	0.001871	17,485	17,485	33	33
Ninemile Point	Louisiana	1403	2	349,547,842	0.001012	17,485	17,485	18	18
Ninemile Point	Louisiana	1403	3	349,547,842	0.003704	17,485	17,485	65	65
Ninemile Point	Louisiana	1403	4	349,547,842	0.038450	17,485	17,485	672	672
Ninemile Point	Louisiana	1403	5	349,547,842	0.042335	17,485	17,485	740	740
Ouachita Plant	Louisiana	55467	CTGEN1	349,547,842	0.006662	17,485	17,485	116	116
Ouachita Plant	Louisiana	55467	CTGEN2	349,547,842	0.006957	17,485	17,485	122	122
Ouachita Plant	Louisiana	55467	CTGEN3	349,547,842	0.006901	17,485	17,485	121	121
Perryville Power Station	Louisiana	55620	1-1	349,547,842	0.011659	17,485	17,485	204	204
Perryville Power Station	Louisiana	55620	1-2	349,547,842	0.011636	17,485	17,485	203	203
Perryville Power Station	Louisiana	55620	2-1	349,547,842	0.000258	17,485	17,485	5	5
Plaquemine Cogen Facility	Louisiana	55419	500	349,547,842	0.017274	17,485	17,485	302	302
Plaquemine Cogen Facility	Louisiana	55419	600	349,547,842	0.016030	17,485	17,485	280	280
Plaquemine Cogen Facility	Louisiana	55419	700	349,547,842	0.017109	17,485	17,485	299	299
Plaquemine Cogen Facility	Louisiana	55419	800	349,547,842	0.014782	17,485	17,485	258	258
R S Cogen	Louisiana	55117	RS-5	349,547,842	0.016774	17,485	17,485	293	293
R S Cogen	Louisiana	55117	RS-6	349,547,842	0.017673	17,485	17,485	309	309
R S Nelson	Louisiana	1393	3	349,547,842	0.003920	17,485	17,485	69	69
R S Nelson	Louisiana	1393	4	349,547,842	0.021631	17,485	17,485	378	378

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Louisiana 1	Louisiana	1391	5A	138	108	128	103	97	108
Michoud	Louisiana	1409	1	31	51	19	0		
Michoud	Louisiana	1409	2	477	254	221	130	170	281
Michoud	Louisiana	1409	3	1,630	1,408	1,202	701	1,253	806
Morgan City Electrical Gen Facility	Louisiana	1449	4	21	36	27	73	22	19
Natchitoches	Louisiana	1450	10	0	2	1	1	1	1
Nelson Industrial Steam Company	Louisiana	50030	1A						210
Nelson Industrial Steam Company	Louisiana	50030	2A						208
Ninemile Point	Louisiana	1403	1	56	89	60	67	4	64
Ninemile Point	Louisiana	1403	2	77	88	44	60	0	
Ninemile Point	Louisiana	1403	3	82	89	87	62	22	52
Ninemile Point	Louisiana	1403	4	1,639	1,637	2,277	1,297	2,852	2,149
Ninemile Point	Louisiana	1403	5	1,505	2,551	1,825	1,973	2,752	2,468
Ouachita Plant	Louisiana	55467	CTGEN1	17	5	13	23	24	20
Ouachita Plant	Louisiana	55467	CTGEN2	16	6	12	26	26	18
Ouachita Plant	Louisiana	55467	CTGEN3	18	7	15	27	28	15
Perryville Power Station	Louisiana	55620	1-1	20	21	20	25	22	23
Perryville Power Station	Louisiana	55620	1-2	20	23	27	22	22	24
Perryville Power Station	Louisiana	55620	2-1	1	1	2	1	2	1
Plaquemine Cogen Facility	Louisiana	55419	500		34	35	39	44	28
Plaquemine Cogen Facility	Louisiana	55419	600		22	45	40	40	38
Plaquemine Cogen Facility	Louisiana	55419	700		29	40	32	24	36
Plaquemine Cogen Facility	Louisiana	55419	800		38	34	36	26	59
R S Cogen	Louisiana	55117	RS-5	151	163	157	152	154	137
R S Cogen	Louisiana	55117	RS-6	151	166	158	162	152	143
R S Nelson	Louisiana	1393	3	170	170	168	79	56	119
R S Nelson	Louisiana	1393	4	269	328	493	201	424	395

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Louisiana 1	Louisiana	1391	5A	110	93	138			
Michoud	Louisiana	1409	1		0	51			
Michoud	Louisiana	1409	2	406	481	481			
Michoud	Louisiana	1409	3	429	286	1,630			
Morgan City Electrical Gen Facility	Louisiana	1449	4	19	23	73			
Natchitoches	Louisiana	1450	10			2			
Nelson Industrial Steam Company	Louisiana	50030	1A		67	210			
Nelson Industrial Steam Company	Louisiana	50030	2A	326	282	326			
Ninemile Point	Louisiana	1403	1	0	0	89			
Ninemile Point	Louisiana	1403	2			88			
Ninemile Point	Louisiana	1403	3	106	114	114			
Ninemile Point	Louisiana	1403	4	2,242	2,152	2,852			
Ninemile Point	Louisiana	1403	5	474	2,643	2,752			
Ouachita Plant	Louisiana	55467	CTGEN1	7	16	24			
Ouachita Plant	Louisiana	55467	CTGEN2	7	14	26			
Ouachita Plant	Louisiana	55467	CTGEN3	10	12	28			
Perryville Power Station	Louisiana	55620	1-1	29	33	33			
Perryville Power Station	Louisiana	55620	1-2	23	33	33			
Perryville Power Station	Louisiana	55620	2-1	0	0	2			
Plaquemine Cogen Facility	Louisiana	55419	500	50	26	50			
Plaquemine Cogen Facility	Louisiana	55419	600	21	49	49			
Plaquemine Cogen Facility	Louisiana	55419	700	45	46	46			
Plaquemine Cogen Facility	Louisiana	55419	800	37	36	59			
R S Cogen	Louisiana	55117	RS-5	161	132	163			
R S Cogen	Louisiana	55117	RS-6	160	156	166			
R S Nelson	Louisiana	1393	3	86	79	170			
R S Nelson	Louisiana	1393	4	438	575	575			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Louisiana 1	Louisiana	1391	5A				138	138
Michoud	Louisiana	1409	1				0	0
Michoud	Louisiana	1409	2				239	239
Michoud	Louisiana	1409	3				600	600
Morgan City Electrical Gen Facility	Louisiana	1449	4				49	49
Natchitoches	Louisiana	1450	10				0	0
Nelson Industrial Steam Company	Louisiana	50030	1A				210	210
Nelson Industrial Steam Company	Louisiana	50030	2A				290	290
Ninemile Point	Louisiana	1403	1				44	44
Ninemile Point	Louisiana	1403	2				24	24
Ninemile Point	Louisiana	1403	3				87	87
Ninemile Point	Louisiana	1403	4				902	902
Ninemile Point	Louisiana	1403	5				993	993
Ouachita Plant	Louisiana	55467	CTGEN1				24	24
Ouachita Plant	Louisiana	55467	CTGEN2				26	26
Ouachita Plant	Louisiana	55467	CTGEN3				28	28
Perryville Power Station	Louisiana	55620	1-1				33	33
Perryville Power Station	Louisiana	55620	1-2				33	33
Perryville Power Station	Louisiana	55620	2-1				2	2
Plaquemine Cogen Facility	Louisiana	55419	500				50	50
Plaquemine Cogen Facility	Louisiana	55419	600				49	49
Plaquemine Cogen Facility	Louisiana	55419	700				46	46
Plaquemine Cogen Facility	Louisiana	55419	800				59	59
R S Cogen	Louisiana	55117	RS-5				163	163
R S Cogen	Louisiana	55117	RS-6				166	166
R S Nelson	Louisiana	1393	3				92	92
R S Nelson	Louisiana	1393	4				507	507

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Louisiana 1	Louisiana	1391	5A	138	138	138	138	
Michoud	Louisiana	1409	1	0	0	0	0	
Michoud	Louisiana	1409	2	239	239	239	239	
Michoud	Louisiana	1409	3	600	600	600	600	
Morgan City Electrical Gen Facility	Louisiana	1449	4	49	49	49	49	
Natchitoches	Louisiana	1450	10	0	0	0	0	
Nelson Industrial Steam Company	Louisiana	50030	1A	210	210	210	210	
Nelson Industrial Steam Company	Louisiana	50030	2A	290	290	290	290	
Ninemile Point	Louisiana	1403	1	44	44	44	44	
Ninemile Point	Louisiana	1403	2	24	24	24	24	
Ninemile Point	Louisiana	1403	3	87	87	87	87	
Ninemile Point	Louisiana	1403	4	902	902	902	902	
Ninemile Point	Louisiana	1403	5	993	993	993	993	
Ouachita Plant	Louisiana	55467	CTGEN1	24	24	24	24	
Ouachita Plant	Louisiana	55467	CTGEN2	26	26	26	26	
Ouachita Plant	Louisiana	55467	CTGEN3	28	28	28	28	
Perryville Power Station	Louisiana	55620	1-1	33	33	33	33	
Perryville Power Station	Louisiana	55620	1-2	33	33	33	33	
Perryville Power Station	Louisiana	55620	2-1	2	2	2	2	
Plaquemine Cogen Facility	Louisiana	55419	500	50	50	50	50	
Plaquemine Cogen Facility	Louisiana	55419	600	49	49	49	49	
Plaquemine Cogen Facility	Louisiana	55419	700	46	46	46	46	
Plaquemine Cogen Facility	Louisiana	55419	800	59	59	59	59	
R S Cogen	Louisiana	55117	RS-5	163	163	163	163	
R S Cogen	Louisiana	55117	RS-6	166	166	166	166	
R S Nelson	Louisiana	1393	3	92	92	92	92	
R S Nelson	Louisiana	1393	4	507	507	507	507	

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Louisiana 1	Louisiana	1391	5A			Y		
Michoud	Louisiana	1409	1			Y		
Michoud	Louisiana	1409	2			Y		
Michoud	Louisiana	1409	3			Y		
Morgan City Electrical Gen Facility	Louisiana	1449	4			Y		
Natchitoches	Louisiana	1450	10			Y		
Nelson Industrial Steam Company	Louisiana	50030	1A			Y		Y
Nelson Industrial Steam Company	Louisiana	50030	2A			Y		Y
Ninemile Point	Louisiana	1403	1			Y		
Ninemile Point	Louisiana	1403	2			Y		
Ninemile Point	Louisiana	1403	3			Y		
Ninemile Point	Louisiana	1403	4			Y		
Ninemile Point	Louisiana	1403	5			Y		
Ouachita Plant	Louisiana	55467	CTGEN1			Y		
Ouachita Plant	Louisiana	55467	CTGEN2			Y		
Ouachita Plant	Louisiana	55467	CTGEN3			Y		
Perryville Power Station	Louisiana	55620	1-1			Y		
Perryville Power Station	Louisiana	55620	1-2			Y		
Perryville Power Station	Louisiana	55620	2-1			Y		
Plaquemine Cogen Facility	Louisiana	55419	500			Y		
Plaquemine Cogen Facility	Louisiana	55419	600			Y		
Plaquemine Cogen Facility	Louisiana	55419	700			Y		
Plaquemine Cogen Facility	Louisiana	55419	800			Y		
R S Cogen	Louisiana	55117	RS-5			Y		
R S Cogen	Louisiana	55117	RS-6			Y		
R S Nelson	Louisiana	1393	3			Y		
R S Nelson	Louisiana	1393	4			Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
R S Nelson	Louisiana	1393	6	950	42,623,647	39,311,571	40,197,730	39,699,390	38,465,379
Sterlington	Louisiana	1404	10	971	2,006				
Sterlington	Louisiana	1404	7AB	972	206,123	267,983	29,852	117,577	41,807
Sterlington	Louisiana	1404	7C	973	243,868	309,522	113,986	111,974	37,820
T J Labbe Electric Generating Station	Louisiana	56108	U-1	89595	703,799	484,034	673,157	175,408	868,374
T J Labbe Electric Generating Station	Louisiana	56108	U-2	89596	639,917	575,547	535,876	197,766	517,823
Taft Cogeneration Facility	Louisiana	55089	CT1	3870	10,898,617	12,257,940	11,400,647	11,376,244	13,969,999
Taft Cogeneration Facility	Louisiana	55089	CT2	3871	10,570,482	11,229,165	12,143,353	12,779,297	14,238,906
Taft Cogeneration Facility	Louisiana	55089	CT3	3872	11,497,729	12,039,744	13,057,593	11,772,521	13,576,395
Teche Power Station	Louisiana	1400	2	961	14,791	11,639	14,966	605,384	49,414
Teche Power Station	Louisiana	1400	3	962	8,274,187	10,817,455	10,037,596	8,182,150	12,052,124
Waterford 1 & 2	Louisiana	8056	1	3450	621,891	3,293,656	5,917,959	4,998,005	6,258,175
Waterford 1 & 2	Louisiana	8056	2	3451	5,933,821	5,512,443	2,932,346	3,908,990	6,810,387
Waterford 1 & 2	Louisiana	8056	4	3561	2,468			18,319	8,698
Willow Glen	Louisiana	1394	1	951	64,502	107,640	559,050	167,186	487,769
Willow Glen	Louisiana	1394	2	952	413,296	657,494	1,021,876	1,251,956	794,705
Willow Glen	Louisiana	1394	3	953		14,829	13,008		
Willow Glen	Louisiana	1394	4	954	335,882	877,866	1,102,882	2,599,127	4,453,701
Willow Glen	Louisiana	1394	5	955	292,147	865,442			
48th Street Peaking Station	Michigan	7258	**7	3062	45,024	42,265	7,102	22,092	106,533
48th Street Peaking Station	Michigan	7258	**8	3063	53,110	59,147	19,384	13,771	33,138
48th Street Peaking Station	Michigan	7258	9	3064	73,039	160,320	51,828	35,486	231,562
B C Cobb	Michigan	1695	4	1147	8,479,624	9,641,800	9,494,671	8,973,640	10,959,009
B C Cobb	Michigan	1695	5	1148	11,820,878	12,496,333	10,443,414	8,997,928	9,429,273
Belle River	Michigan	6034	1	2695	41,090,250	44,468,326	34,355,275	47,003,351	43,926,807
Belle River	Michigan	6034	2	2696	43,850,220	38,439,696	49,455,864	49,080,227	40,730,369
Belle River	Michigan	6034	CTG121	2697	299,083	402,630	290,517	260,445	416,678

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
R S Nelson	Louisiana	1393	6	40,840,256	716,384,268	0.057009		
Sterlington	Louisiana	1404	10	2,006	716,384,268	0.000003		
Sterlington	Louisiana	1404	7AB	197,228	716,384,268	0.000275		
Sterlington	Louisiana	1404	7C	222,459	716,384,268	0.000311		
T J Labbe Electric Generating Station	Louisiana	56108	U-1	748,443	716,384,268	0.001045		
T J Labbe Electric Generating Station	Louisiana	56108	U-2	583,780	716,384,268	0.000815		
Taft Cogeneration Facility	Louisiana	55089	CT1	12,542,862	716,384,268	0.017509		
Taft Cogeneration Facility	Louisiana	55089	CT2	13,053,852	716,384,268	0.018222		
Taft Cogeneration Facility	Louisiana	55089	CT3	12,891,244	716,384,268	0.017995		
Teche Power Station	Louisiana	1400	2	223,255	716,384,268	0.000312		
Teche Power Station	Louisiana	1400	3	10,969,058	716,384,268	0.015312		
Waterford 1 & 2	Louisiana	8056	1	5,724,713	716,384,268	0.007991		
Waterford 1 & 2	Louisiana	8056	2	6,085,550	716,384,268	0.008495		
Waterford 1 & 2	Louisiana	8056	4	9,828	716,384,268	0.000014		
Willow Glen	Louisiana	1394	1	404,668	716,384,268	0.000565		
Willow Glen	Louisiana	1394	2	1,022,845	716,384,268	0.001428		
Willow Glen	Louisiana	1394	3	13,919	716,384,268	0.000019		
Willow Glen	Louisiana	1394	4	2,718,570	716,384,268	0.003795		
Willow Glen	Louisiana	1394	5	578,794	716,384,268	0.000808		
48th Street Peaking Station	Michigan	7258	**7	64,607	894,745,311	0.000072	224,717	141,115
48th Street Peaking Station	Michigan	7258	**8	48,465	894,745,311	0.000054	224,717	141,115
48th Street Peaking Station	Michigan	7258	9	154,973	894,745,311	0.000173	224,717	141,115
B C Cobb	Michigan	1695	4	10,031,827	894,745,311	0.011212	224,717	141,115
B C Cobb	Michigan	1695	5	11,586,875	894,745,311	0.012950	224,717	141,115
Belle River	Michigan	6034	1	45,132,828	894,745,311	0.050442	224,717	141,115
Belle River	Michigan	6034	2	47,462,104	894,745,311	0.053045	224,717	141,115
Belle River	Michigan	6034	CTG121	372,797	894,745,311	0.000417	224,717	141,115

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
R S Nelson	Louisiana	1393	6						
Sterlington	Louisiana	1404	10						
Sterlington	Louisiana	1404	7AB						
Sterlington	Louisiana	1404	7C						
T J Labbe Electric Generating Station	Louisiana	56108	U-1						
T J Labbe Electric Generating Station	Louisiana	56108	U-2						
Taft Cogeneration Facility	Louisiana	55089	CT1						
Taft Cogeneration Facility	Louisiana	55089	CT2						
Taft Cogeneration Facility	Louisiana	55089	CT3						
Teche Power Station	Louisiana	1400	2						
Teche Power Station	Louisiana	1400	3						
Waterford 1 & 2	Louisiana	8056	1						
Waterford 1 & 2	Louisiana	8056	2						
Waterford 1 & 2	Louisiana	8056	4						
Willow Glen	Louisiana	1394	1						
Willow Glen	Louisiana	1394	2						
Willow Glen	Louisiana	1394	3						
Willow Glen	Louisiana	1394	4						
Willow Glen	Louisiana	1394	5						
48th Street Peaking Station	Michigan	7258	**7	64,113	61,779	16	10	5	4
48th Street Peaking Station	Michigan	7258	**8	64,113	61,779	12	8	3	3
48th Street Peaking Station	Michigan	7258	9	64,113	61,779	39	24	11	11
B C Cobb	Michigan	1695	4	64,113	61,779	2,520	1,582	719	693
B C Cobb	Michigan	1695	5	64,113	61,779	2,910	1,827	830	800
Belle River	Michigan	6034	1	64,113	61,779	11,335	7,118	3,234	3,116
Belle River	Michigan	6034	2	64,113	61,779	11,920	7,485	3,401	3,277
Belle River	Michigan	6034	CTG121	64,113	61,779	94	59	27	26

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
R S Nelson	Louisiana	1393	6	13,655	13,179	13,248	17,442	14,548	15,139
Sterlington	Louisiana	1404	10	1	1	1	0		
Sterlington	Louisiana	1404	7AB	0	0	0	0	0	0
Sterlington	Louisiana	1404	7C	1	0	0	0	0	0
T J Labbe Electric Generating Station	Louisiana	56108	U-1			0	0	0	0
T J Labbe Electric Generating Station	Louisiana	56108	U-2			0	0	0	0
Taft Cogeneration Facility	Louisiana	55089	CT1	4	3	3	1	1	1
Taft Cogeneration Facility	Louisiana	55089	CT2	4	4	3	1	1	1
Taft Cogeneration Facility	Louisiana	55089	CT3	4	3	3	1	1	1
Teche Power Station	Louisiana	1400	2	0	0	0	0	0	0
Teche Power Station	Louisiana	1400	3	25	3	18	5	3	3
Waterford 1 & 2	Louisiana	8056	1	2,539	4,586	2,752	35	586	921
Waterford 1 & 2	Louisiana	8056	2	2,442	5,208	4,309	1,153	818	876
Waterford 1 & 2	Louisiana	8056	4	3	1	0	0		
Willow Glen	Louisiana	1394	1	1	0	0	0	0	0
Willow Glen	Louisiana	1394	2	1	1	3	0	0	0
Willow Glen	Louisiana	1394	3		0	0		0	0
Willow Glen	Louisiana	1394	4	129	0	43	63	0	0
Willow Glen	Louisiana	1394	5	487	597	1,365	43	56	
48th Street Peaking Station	Michigan	7258	**7	0	0	0	0	0	0
48th Street Peaking Station	Michigan	7258	**8	0	0	0	0	0	0
48th Street Peaking Station	Michigan	7258	9	0	0	0	0	0	0
B C Cobb	Michigan	1695	4	6,513	6,111	5,075	4,452	4,694	5,276
B C Cobb	Michigan	1695	5	6,196	5,757	7,285	6,179	6,220	5,800
Belle River	Michigan	6034	1	10,644	14,383	12,676	11,739	12,549	9,688
Belle River	Michigan	6034	2	13,596	14,938	11,810	12,389	10,644	14,156
Belle River	Michigan	6034	CTG121	0	0	0	0	0	0

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
R S Nelson	Louisiana	1393	6	15,016	14,194	17,442			
Sterlington	Louisiana	1404	10			1			
Sterlington	Louisiana	1404	7AB	0	0	0			
Sterlington	Louisiana	1404	7C	0	0	1			
T J Labbe Electric Generating Station	Louisiana	56108	U-1	0	0	0			
T J Labbe Electric Generating Station	Louisiana	56108	U-2	0	0	0			
Taft Cogeneration Facility	Louisiana	55089	CT1	1	1	4			
Taft Cogeneration Facility	Louisiana	55089	CT2	1	1	4			
Taft Cogeneration Facility	Louisiana	55089	CT3	1	1	4			
Teche Power Station	Louisiana	1400	2	0	0	0			
Teche Power Station	Louisiana	1400	3	2	4	25			
Waterford 1 & 2	Louisiana	8056	1	207	307	4,586			
Waterford 1 & 2	Louisiana	8056	2	1	221	5,208			
Waterford 1 & 2	Louisiana	8056	4	0	0	3			
Willow Glen	Louisiana	1394	1	0	0	1			
Willow Glen	Louisiana	1394	2	0	0	3			
Willow Glen	Louisiana	1394	3			0			
Willow Glen	Louisiana	1394	4	1	1	129			
Willow Glen	Louisiana	1394	5			1,365			
48th Street Peaking Station	Michigan	7258	**7	0	0	0			
48th Street Peaking Station	Michigan	7258	**8	0	0	0			
48th Street Peaking Station	Michigan	7258	9	0	0	0			
B C Cobb	Michigan	1695	4	4,825	6,183	6,513			
B C Cobb	Michigan	1695	5	4,805	5,210	7,285			
Belle River	Michigan	6034	1	13,595	12,992	14,383			
Belle River	Michigan	6034	2	14,475	12,229	14,938			
Belle River	Michigan	6034	CTG121	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
R S Nelson	Louisiana	1393	6				4,878	5,085	4,592
Sterlington	Louisiana	1404	10				594	170	382
Sterlington	Louisiana	1404	7AB				105	32	57
Sterlington	Louisiana	1404	7C				100	47	53
T J Labbe Electric Generating Station	Louisiana	56108	U-1						5
T J Labbe Electric Generating Station	Louisiana	56108	U-2						7
Taft Cogeneration Facility	Louisiana	55089	CT1				185	159	156
Taft Cogeneration Facility	Louisiana	55089	CT2				164	178	149
Taft Cogeneration Facility	Louisiana	55089	CT3				193	157	154
Teche Power Station	Louisiana	1400	2				5	78	7
Teche Power Station	Louisiana	1400	3				1,246	854	1,017
Waterford 1 & 2	Louisiana	8056	1				1,516	1,653	893
Waterford 1 & 2	Louisiana	8056	2				1,082	1,633	1,087
Waterford 1 & 2	Louisiana	8056	4				54	8	13
Willow Glen	Louisiana	1394	1				144	57	33
Willow Glen	Louisiana	1394	2				230	182	220
Willow Glen	Louisiana	1394	3					10	1
Willow Glen	Louisiana	1394	4				264	5	163
Willow Glen	Louisiana	1394	5				246	210	609
48th Street Peaking Station	Michigan	7258	**7				4	5	4
48th Street Peaking Station	Michigan	7258	**8				3	1	2
48th Street Peaking Station	Michigan	7258	9				7	7	3
B C Cobb	Michigan	1695	4				2,216	2,338	1,877
B C Cobb	Michigan	1695	5				968	928	1,154
Belle River	Michigan	6034	1				5,263	4,773	4,360
Belle River	Michigan	6034	2				4,051	4,155	3,795
Belle River	Michigan	6034	CTG121				6	3	10

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
R S Nelson	Louisiana	1393	6	5,236	4,311	4,535	4,482	3,776	5,236
Sterlington	Louisiana	1404	10	0					594
Sterlington	Louisiana	1404	7AB	41	51	6	20	7	105
Sterlington	Louisiana	1404	7C	44	54	21	20	6	100
T J Labbe Electric Generating Station	Louisiana	56108	U-1	28	19	26	7	34	34
T J Labbe Electric Generating Station	Louisiana	56108	U-2	25	22	22	7	20	25
Taft Cogeneration Facility	Louisiana	55089	CT1	156	182	161	155	197	197
Taft Cogeneration Facility	Louisiana	55089	CT2	146	172	173	174	197	197
Taft Cogeneration Facility	Louisiana	55089	CT3	149	175	180	166	191	193
Teche Power Station	Louisiana	1400	2	2	2	4	37	2	78
Teche Power Station	Louisiana	1400	3	815	1,127	979	854	1,417	1,417
Waterford 1 & 2	Louisiana	8056	1	42	282	443	309	388	1,653
Waterford 1 & 2	Louisiana	8056	2	546	468	294	227	407	1,633
Waterford 1 & 2	Louisiana	8056	4	0			11	1	54
Willow Glen	Louisiana	1394	1	4	7	40	12	31	144
Willow Glen	Louisiana	1394	2	31	40	70	79	52	230
Willow Glen	Louisiana	1394	3		0	0			10
Willow Glen	Louisiana	1394	4	30	80	121	287	607	607
Willow Glen	Louisiana	1394	5	15	82				609
48th Street Peaking Station	Michigan	7258	**7	3	3	0	1	6	6
48th Street Peaking Station	Michigan	7258	**8	3	3	1	1	2	3
48th Street Peaking Station	Michigan	7258	9	2	4	2	1	4	7
B C Cobb	Michigan	1695	4	1,564	1,833	1,812	1,699	2,012	2,338
B C Cobb	Michigan	1695	5	960	1,083	901	886	859	1,154
Belle River	Michigan	6034	1	4,020	4,968	4,086	5,324	4,889	5,324
Belle River	Michigan	6034	2	3,532	3,293	5,102	5,111	4,245	5,111
Belle River	Michigan	6034	CTG121	5	6	4	3	6	10

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual	2013 Annual	2014 Annual	2015 Annual	2016 Annual	2017 Annual
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
R S Nelson	Louisiana	1393	6						
Sterlington	Louisiana	1404	10						
Sterlington	Louisiana	1404	7AB						
Sterlington	Louisiana	1404	7C						
T J Labbe Electric Generating Station	Louisiana	56108	U-1						
T J Labbe Electric Generating Station	Louisiana	56108	U-2						
Taft Cogeneration Facility	Louisiana	55089	CT1						
Taft Cogeneration Facility	Louisiana	55089	CT2						
Taft Cogeneration Facility	Louisiana	55089	CT3						
Teche Power Station	Louisiana	1400	2						
Teche Power Station	Louisiana	1400	3						
Waterford 1 & 2	Louisiana	8056	1						
Waterford 1 & 2	Louisiana	8056	2						
Waterford 1 & 2	Louisiana	8056	4						
Willow Glen	Louisiana	1394	1						
Willow Glen	Louisiana	1394	2						
Willow Glen	Louisiana	1394	3						
Willow Glen	Louisiana	1394	4						
Willow Glen	Louisiana	1394	5						
48th Street Peaking Station	Michigan	7258	**7						
48th Street Peaking Station	Michigan	7258	**8						
48th Street Peaking Station	Michigan	7258	9						
B C Cobb	Michigan	1695	4						
B C Cobb	Michigan	1695	5						
Belle River	Michigan	6034	1						
Belle River	Michigan	6034	2						
Belle River	Michigan	6034	CTG121						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
R S Nelson	Louisiana	1393	6				
Sterlington	Louisiana	1404	10				
Sterlington	Louisiana	1404	7AB				
Sterlington	Louisiana	1404	7C				
T J Labbe Electric Generating Station	Louisiana	56108	U-1				
T J Labbe Electric Generating Station	Louisiana	56108	U-2				
Taft Cogeneration Facility	Louisiana	55089	CT1				
Taft Cogeneration Facility	Louisiana	55089	CT2				
Taft Cogeneration Facility	Louisiana	55089	CT3				
Teche Power Station	Louisiana	1400	2				
Teche Power Station	Louisiana	1400	3				
Waterford 1 & 2	Louisiana	8056	1				
Waterford 1 & 2	Louisiana	8056	2				
Waterford 1 & 2	Louisiana	8056	4				
Willow Glen	Louisiana	1394	1				
Willow Glen	Louisiana	1394	2				
Willow Glen	Louisiana	1394	3				
Willow Glen	Louisiana	1394	4				
Willow Glen	Louisiana	1394	5				
48th Street Peaking Station	Michigan	7258	**7				
48th Street Peaking Station	Michigan	7258	**8				
48th Street Peaking Station	Michigan	7258	9				
B C Cobb	Michigan	1695	4				
B C Cobb	Michigan	1695	5				
Belle River	Michigan	6034	1				
Belle River	Michigan	6034	2				
Belle River	Michigan	6034	CTG121				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
R S Nelson	Louisiana	1393	6				
Sterlington	Louisiana	1404	10				
Sterlington	Louisiana	1404	7AB				
Sterlington	Louisiana	1404	7C				
T J Labbe Electric Generating Station	Louisiana	56108	U-1				
T J Labbe Electric Generating Station	Louisiana	56108	U-2				
Taft Cogeneration Facility	Louisiana	55089	CT1				
Taft Cogeneration Facility	Louisiana	55089	CT2				
Taft Cogeneration Facility	Louisiana	55089	CT3				
Teche Power Station	Louisiana	1400	2				
Teche Power Station	Louisiana	1400	3				
Waterford 1 & 2	Louisiana	8056	1				
Waterford 1 & 2	Louisiana	8056	2				
Waterford 1 & 2	Louisiana	8056	4				
Willow Glen	Louisiana	1394	1				
Willow Glen	Louisiana	1394	2				
Willow Glen	Louisiana	1394	3				
Willow Glen	Louisiana	1394	4				
Willow Glen	Louisiana	1394	5				
48th Street Peaking Station	Michigan	7258	**7			5	5
48th Street Peaking Station	Michigan	7258	**8			3	3
48th Street Peaking Station	Michigan	7258	9			7	7
B C Cobb	Michigan	1695	4			755	755
B C Cobb	Michigan	1695	5			872	872
Belle River	Michigan	6034	1			3,398	3,398
Belle River	Michigan	6034	2			3,574	3,574
Belle River	Michigan	6034	CTG121			10	10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
R S Nelson	Louisiana	1393	6				
Sterlington	Louisiana	1404	10				
Sterlington	Louisiana	1404	7AB				
Sterlington	Louisiana	1404	7C				
T J Labbe Electric Generating Station	Louisiana	56108	U-1				
T J Labbe Electric Generating Station	Louisiana	56108	U-2				
Taft Cogeneration Facility	Louisiana	55089	CT1				
Taft Cogeneration Facility	Louisiana	55089	CT2				
Taft Cogeneration Facility	Louisiana	55089	CT3				
Teche Power Station	Louisiana	1400	2				
Teche Power Station	Louisiana	1400	3				
Waterford 1 & 2	Louisiana	8056	1				
Waterford 1 & 2	Louisiana	8056	2				
Waterford 1 & 2	Louisiana	8056	4				
Willow Glen	Louisiana	1394	1				
Willow Glen	Louisiana	1394	2				
Willow Glen	Louisiana	1394	3				
Willow Glen	Louisiana	1394	4				
Willow Glen	Louisiana	1394	5				
48th Street Peaking Station	Michigan	7258	**7	5	5	5	5
48th Street Peaking Station	Michigan	7258	**8	3	3	3	3
48th Street Peaking Station	Michigan	7258	9	7	7	7	7
B C Cobb	Michigan	1695	4	726	726	726	726
B C Cobb	Michigan	1695	5	839	839	839	839
Belle River	Michigan	6034	1	3,266	3,266	3,266	3,266
Belle River	Michigan	6034	2	3,435	3,435	3,435	3,435
Belle River	Michigan	6034	CTG121	10	10	10	10

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
R S Nelson	Louisiana	1393	6	19,769,003	19,892,026	19,979,112	20,872,867	16,453,845	20,248,002
Sterlington	Louisiana	1404	10	2,006					2,006
Sterlington	Louisiana	1404	7AB	83,324	115,233		5,137	17,999	72,185
Sterlington	Louisiana	1404	7C	118,928	153,318	18,090	4,817	18,782	97,009
T J Labbe Electric Generating Station	Louisiana	56108	U-1	347,691	300,048	552,211	109,841	685,469	528,457
T J Labbe Electric Generating Station	Louisiana	56108	U-2	377,388	338,149	287,826	104,760	343,954	353,164
Taft Cogeneration Facility	Louisiana	55089	CT1	5,143,137	5,300,342	5,776,833	4,086,992	5,955,290	5,677,488
Taft Cogeneration Facility	Louisiana	55089	CT2	5,399,140	5,431,827	5,208,755	5,681,675	6,071,858	5,728,453
Taft Cogeneration Facility	Louisiana	55089	CT3	5,385,245	5,429,332	5,747,871	4,161,362	5,928,899	5,702,034
Teche Power Station	Louisiana	1400	2	14,791	11,639	14,966	104,068	25,388	48,141
Teche Power Station	Louisiana	1400	3	3,412,207	4,887,978	4,356,041	4,796,886	5,454,045	5,046,303
Waterford 1 & 2	Louisiana	8056	1	9,407	2,403,661	3,670,180	3,087,847	3,829,799	3,529,275
Waterford 1 & 2	Louisiana	8056	2	3,705,548	2,063,478	2,110,159	2,050,067	5,705,001	3,840,236
Waterford 1 & 2	Louisiana	8056	4				4,262	3,762	4,012
Willow Glen	Louisiana	1394	1			415,626	167,186	487,769	356,860
Willow Glen	Louisiana	1394	2	413,296	456,247	811,046	1,186,090	648,968	882,035
Willow Glen	Louisiana	1394	3		14,829	13,008			13,919
Willow Glen	Louisiana	1394	4	335,882	877,866	700,129	2,540,874	4,437,688	2,618,809
Willow Glen	Louisiana	1394	5	292,147	475,793				383,970
48th Street Peaking Station	Michigan	7258	**7	42,288	25,662	5,897	11,447	102,745	56,898
48th Street Peaking Station	Michigan	7258	**8	51,197	51,946	13,220	11,120	31,894	45,013
48th Street Peaking Station	Michigan	7258	9	70,078	126,261	46,280	23,723	224,268	140,202
B C Cobb	Michigan	1695	4	2,488,043	4,866,755	4,104,648	4,035,803	4,699,555	4,556,986
B C Cobb	Michigan	1695	5	4,946,090	5,209,150	4,180,591	3,542,069	4,195,274	4,783,505
Belle River	Michigan	6034	1	18,441,732	17,740,008	17,009,742	18,774,022	19,860,364	19,025,373
Belle River	Michigan	6034	2	15,623,823	20,497,340	18,768,920	20,323,421	18,957,359	19,926,040
Belle River	Michigan	6034	CTG121	203,472	190,753	90,943	91,928	274,507	222,911

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
R S Nelson	Louisiana	1393	6	349,547,842	0.057926	17,485	17,485	1,013	1,013
Sterlington	Louisiana	1404	10	349,547,842	0.000006	17,485	17,485	0	0
Sterlington	Louisiana	1404	7AB	349,547,842	0.000207	17,485	17,485	4	4
Sterlington	Louisiana	1404	7C	349,547,842	0.000278	17,485	17,485	5	5
T J Labbe Electric Generating Station	Louisiana	56108	U-1	349,547,842	0.001512	17,485	17,485	26	26
T J Labbe Electric Generating Station	Louisiana	56108	U-2	349,547,842	0.001010	17,485	17,485	18	18
Taft Cogeneration Facility	Louisiana	55089	CT1	349,547,842	0.016242	17,485	17,485	284	284
Taft Cogeneration Facility	Louisiana	55089	CT2	349,547,842	0.016388	17,485	17,485	287	287
Taft Cogeneration Facility	Louisiana	55089	CT3	349,547,842	0.016313	17,485	17,485	285	285
Teche Power Station	Louisiana	1400	2	349,547,842	0.000138	17,485	17,485	2	2
Teche Power Station	Louisiana	1400	3	349,547,842	0.014437	17,485	17,485	252	252
Waterford 1 & 2	Louisiana	8056	1	349,547,842	0.010097	17,485	17,485	177	177
Waterford 1 & 2	Louisiana	8056	2	349,547,842	0.010986	17,485	17,485	192	192
Waterford 1 & 2	Louisiana	8056	4	349,547,842	0.000011	17,485	17,485	0	0
Willow Glen	Louisiana	1394	1	349,547,842	0.001021	17,485	17,485	18	18
Willow Glen	Louisiana	1394	2	349,547,842	0.002523	17,485	17,485	44	44
Willow Glen	Louisiana	1394	3	349,547,842	0.000040	17,485	17,485	1	1
Willow Glen	Louisiana	1394	4	349,547,842	0.007492	17,485	17,485	131	131
Willow Glen	Louisiana	1394	5	349,547,842	0.001098	17,485	17,485	19	19
48th Street Peaking Station	Michigan	7258	**7	405,725,128	0.000140	27,480	26,476	4	4
48th Street Peaking Station	Michigan	7258	**8	405,725,128	0.000111	27,480	26,476	3	3
48th Street Peaking Station	Michigan	7258	9	405,725,128	0.000346	27,480	26,476	9	9
B C Cobb	Michigan	1695	4	405,725,128	0.011232	27,480	26,476	309	297
B C Cobb	Michigan	1695	5	405,725,128	0.011790	27,480	26,476	324	312
Belle River	Michigan	6034	1	405,725,128	0.046892	27,480	26,476	1,289	1,242
Belle River	Michigan	6034	2	405,725,128	0.049112	27,480	26,476	1,350	1,300
Belle River	Michigan	6034	CTG121	405,725,128	0.000549	27,480	26,476	15	15

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
R S Nelson	Louisiana	1393	6	2,609	2,501	1,903	2,487	2,044	2,146
Sterlington	Louisiana	1404	10	264	147	320	0		
Sterlington	Louisiana	1404	7AB	26	12	29	14	18	
Sterlington	Louisiana	1404	7C	25	14	19	19	24	3
T J Labbe Electric Generating Station	Louisiana	56108	U-1			1	14	11	21
T J Labbe Electric Generating Station	Louisiana	56108	U-2			2	15	13	13
Taft Cogeneration Facility	Louisiana	55089	CT1	83	71	76	69	79	81
Taft Cogeneration Facility	Louisiana	55089	CT2	72	62	63	68	80	71
Taft Cogeneration Facility	Louisiana	55089	CT3	87	65	63	64	81	78
Teche Power Station	Louisiana	1400	2	5	60		2	2	4
Teche Power Station	Louisiana	1400	3	565	483	530	321	495	365
Waterford 1 & 2	Louisiana	8056	1	711	1,116	397	0	217	307
Waterford 1 & 2	Louisiana	8056	2	509	964	496	338	176	213
Waterford 1 & 2	Louisiana	8056	4	22	2	12			
Willow Glen	Louisiana	1394	1	61	2	28			30
Willow Glen	Louisiana	1394	2	72	121	88	31	29	56
Willow Glen	Louisiana	1394	3		10	1		0	0
Willow Glen	Louisiana	1394	4	199		68	30	80	73
Willow Glen	Louisiana	1394	5	54	31	285	15	31	
48th Street Peaking Station	Michigan	7258	**7	2	4	1	3	2	0
48th Street Peaking Station	Michigan	7258	**8	3	1	2	3	3	1
48th Street Peaking Station	Michigan	7258	9	4	5	2	2	3	1
B C Cobb	Michigan	1695	4	943	1,031	928	427	1,002	774
B C Cobb	Michigan	1695	5	453	431	445	395	446	360
Belle River	Michigan	6034	1	2,556	1,707	1,779	1,709	2,016	2,005
Belle River	Michigan	6034	2	1,576	1,654	1,878	1,298	1,791	1,858
Belle River	Michigan	6034	CTG121	3	2	7	3	2	1

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
R S Nelson	Louisiana	1393	6	2,364	1,368	2,609			
Sterlington	Louisiana	1404	10			320			
Sterlington	Louisiana	1404	7AB	1	3	29			
Sterlington	Louisiana	1404	7C	1	3	25			
T J Labbe Electric Generating Station	Louisiana	56108	U-1	4	27	27			
T J Labbe Electric Generating Station	Louisiana	56108	U-2	4	13	15			
Taft Cogeneration Facility	Louisiana	55089	CT1	55	80	83			
Taft Cogeneration Facility	Louisiana	55089	CT2	71	79	80			
Taft Cogeneration Facility	Louisiana	55089	CT3	57	78	87			
Teche Power Station	Louisiana	1400	2	8	2	60			
Teche Power Station	Louisiana	1400	3	515	582	582			
Waterford 1 & 2	Louisiana	8056	1	186	224	1,116			
Waterford 1 & 2	Louisiana	8056	2	116	323	964			
Waterford 1 & 2	Louisiana	8056	4	3	0	22			
Willow Glen	Louisiana	1394	1	12	31	61			
Willow Glen	Louisiana	1394	2	74	42	121			
Willow Glen	Louisiana	1394	3			10			
Willow Glen	Louisiana	1394	4	282	606	606			
Willow Glen	Louisiana	1394	5			285			
48th Street Peaking Station	Michigan	7258	**7	1	6	6			
48th Street Peaking Station	Michigan	7258	**8	1	2	3			
48th Street Peaking Station	Michigan	7258	9	1	4	5			
B C Cobb	Michigan	1695	4	793	857	1,031			
B C Cobb	Michigan	1695	5	341	394	453			
Belle River	Michigan	6034	1	2,041	2,074	2,556			
Belle River	Michigan	6034	2	2,082	1,838	2,082			
Belle River	Michigan	6034	CTG121	1	4	7			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
R S Nelson	Louisiana	1393	6				1,359	1,359
Sterlington	Louisiana	1404	10				0	0
Sterlington	Louisiana	1404	7AB				5	5
Sterlington	Louisiana	1404	7C				7	7
T J Labbe Electric Generating Station	Louisiana	56108	U-1				27	27
T J Labbe Electric Generating Station	Louisiana	56108	U-2				15	15
Taft Cogeneration Facility	Louisiana	55089	CT1				83	83
Taft Cogeneration Facility	Louisiana	55089	CT2				80	80
Taft Cogeneration Facility	Louisiana	55089	CT3				87	87
Teche Power Station	Louisiana	1400	2				3	3
Teche Power Station	Louisiana	1400	3				339	339
Waterford 1 & 2	Louisiana	8056	1				237	237
Waterford 1 & 2	Louisiana	8056	2				258	258
Waterford 1 & 2	Louisiana	8056	4				0	0
Willow Glen	Louisiana	1394	1				24	24
Willow Glen	Louisiana	1394	2				59	59
Willow Glen	Louisiana	1394	3				1	1
Willow Glen	Louisiana	1394	4				176	176
Willow Glen	Louisiana	1394	5				26	26
48th Street Peaking Station	Michigan	7258	**7					
48th Street Peaking Station	Michigan	7258	**8					
48th Street Peaking Station	Michigan	7258	9					
B C Cobb	Michigan	1695	4					
B C Cobb	Michigan	1695	5					
Belle River	Michigan	6034	1					
Belle River	Michigan	6034	2					
Belle River	Michigan	6034	CTG121					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
R S Nelson	Louisiana	1393	6	1,359	1,359	1,359	1,359	
Sterlington	Louisiana	1404	10	0	0	0	0	
Sterlington	Louisiana	1404	7AB	5	5	5	5	
Sterlington	Louisiana	1404	7C	7	7	7	7	
T J Labbe Electric Generating Station	Louisiana	56108	U-1	27	27	27	27	
T J Labbe Electric Generating Station	Louisiana	56108	U-2	15	15	15	15	
Taft Cogeneration Facility	Louisiana	55089	CT1	83	83	83	83	
Taft Cogeneration Facility	Louisiana	55089	CT2	80	80	80	80	
Taft Cogeneration Facility	Louisiana	55089	CT3	87	87	87	87	
Teche Power Station	Louisiana	1400	2	3	3	3	3	
Teche Power Station	Louisiana	1400	3	339	339	339	339	
Waterford 1 & 2	Louisiana	8056	1	237	237	237	237	
Waterford 1 & 2	Louisiana	8056	2	258	258	258	258	
Waterford 1 & 2	Louisiana	8056	4	0	0	0	0	
Willow Glen	Louisiana	1394	1	24	24	24	24	
Willow Glen	Louisiana	1394	2	59	59	59	59	
Willow Glen	Louisiana	1394	3	1	1	1	1	
Willow Glen	Louisiana	1394	4	176	176	176	176	
Willow Glen	Louisiana	1394	5	26	26	26	26	
48th Street Peaking Station	Michigan	7258	**7					Y
48th Street Peaking Station	Michigan	7258	**8					Y
48th Street Peaking Station	Michigan	7258	9					Y
B C Cobb	Michigan	1695	4					Y
B C Cobb	Michigan	1695	5					Y
Belle River	Michigan	6034	1					Y
Belle River	Michigan	6034	2					Y
Belle River	Michigan	6034	CTG121					Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
R S Nelson	Louisiana	1393	6			Y		
Sterlington	Louisiana	1404	10			Y		
Sterlington	Louisiana	1404	7AB			Y		
Sterlington	Louisiana	1404	7C			Y		
T J Labbe Electric Generating Station	Louisiana	56108	U-1			Y		
T J Labbe Electric Generating Station	Louisiana	56108	U-2			Y		
Taft Cogeneration Facility	Louisiana	55089	CT1			Y		
Taft Cogeneration Facility	Louisiana	55089	CT2			Y		
Taft Cogeneration Facility	Louisiana	55089	CT3			Y		
Teche Power Station	Louisiana	1400	2			Y		
Teche Power Station	Louisiana	1400	3			Y		
Waterford 1 & 2	Louisiana	8056	1			Y		
Waterford 1 & 2	Louisiana	8056	2			Y		
Waterford 1 & 2	Louisiana	8056	4			Y		
Willow Glen	Louisiana	1394	1			Y		
Willow Glen	Louisiana	1394	2			Y		
Willow Glen	Louisiana	1394	3			Y		
Willow Glen	Louisiana	1394	4			Y		
Willow Glen	Louisiana	1394	5			Y		
48th Street Peaking Station	Michigan	7258	**7	Y		Y		
48th Street Peaking Station	Michigan	7258	**8	Y		Y		
48th Street Peaking Station	Michigan	7258	9	Y		Y		
B C Cobb	Michigan	1695	4	Y		Y		
B C Cobb	Michigan	1695	5	Y		Y		
Belle River	Michigan	6034	1	Y		Y		
Belle River	Michigan	6034	2	Y		Y		
Belle River	Michigan	6034	CTG121	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Belle River	Michigan	6034	CTG122	2698	295,338	376,955	288,594	236,801	448,341
Belle River	Michigan	6034	CTG131	2699	296,466	466,509	316,329	270,744	483,523
Cadillac Renewable Energy	Michigan	54415	EUBLR	90201			3,113,966	2,973,947	3,728,633
Conners Creek	Michigan	1726	15	1165	241,639	305,506	245,156		
Conners Creek	Michigan	1726	16	1166	267,668	328,228	222,675		
Conners Creek	Michigan	1726	17	1167	252,247	323,138	214,369		
Conners Creek	Michigan	1726	18	1168	226,479	213,824	213,230		
DTE East China	Michigan	55718	1	9240	240,964	402,060	43,086	43,618	156,762
DTE East China	Michigan	55718	2	9241	242,398	396,179	42,277	43,970	164,515
DTE East China	Michigan	55718	3	9242	234,080	403,771	42,651	42,963	168,984
DTE East China	Michigan	55718	4	9243	229,601	395,088	42,064	41,643	164,465
DTE Pontiac North LLC	Michigan	10111	EUBHB9	89199			2,039,304		
Dan E Karn	Michigan	1702	1	1153	18,698,544	20,111,859	8,590,775	10,654,955	14,308,611
Dan E Karn	Michigan	1702	2	1154	20,485,347	18,108,503	12,679,467	17,112,093	14,796,135
Dan E Karn	Michigan	1702	3	1155	1,794,175	2,318,707	664,139	541,483	1,543,574
Dan E Karn	Michigan	1702	4	1156	1,828,510	2,265,606	1,183,948	504,624	329,843
Dearborn Industrial Generation	Michigan	55088	BL1100	89291	1,643,902	485,178	2,372,665	1,745,271	2,398,797
Dearborn Industrial Generation	Michigan	55088	BL2100	89292	1,569,125	982,999	2,165,365	1,966,087	1,781,816
Dearborn Industrial Generation	Michigan	55088	BL3100	89293	1,719,138	1,979,501	2,036,775	1,502,701	2,318,333
Dearborn Industrial Generation	Michigan	55088	GT2100	89289	6,264,760	2,238,524	1,385,605	3,773,067	5,696,406
Dearborn Industrial Generation	Michigan	55088	GT3100	89290	9,655,576	2,635,179	1,479,829	4,162,777	5,958,509
Dearborn Industrial Generation	Michigan	55088	GTP1	3869	533,431	1,051,885	318,552	171,906	1,221,163
Delray	Michigan	1728	CTG111	1175	215,421	178,633	54,040	20,104	172,972
Delray	Michigan	1728	CTG121	1176	187,175	160,458	45,221	21,200	150,391
Eckert Station	Michigan	1831	1	1215	3,099,579	3,112,524	2,014,751	591,647	2,492,755
Eckert Station	Michigan	1831	2	1216	2,802,057	2,806,578	3,102,013	702,487	2,736,995
Eckert Station	Michigan	1831	3	1217	2,866,376	2,850,228	2,638,197	1,002,266	2,917,244

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Belle River	Michigan	6034	CTG122	373,545	894,745,311	0.000417	224,717	141,115
Belle River	Michigan	6034	CTG131	422,120	894,745,311	0.000472	224,717	141,115
Cadillac Renewable Energy	Michigan	54415	EUBLR	3,272,182	894,745,311	0.003657	224,717	141,115
Conners Creek	Michigan	1726	15	264,100	894,745,311	0.000295	224,717	141,115
Conners Creek	Michigan	1726	16	272,857	894,745,311	0.000305	224,717	141,115
Conners Creek	Michigan	1726	17	263,251	894,745,311	0.000294	224,717	141,115
Conners Creek	Michigan	1726	18	217,844	894,745,311	0.000243	224,717	141,115
DTE East China	Michigan	55718	1	266,595	894,745,311	0.000298	224,717	141,115
DTE East China	Michigan	55718	2	267,697	894,745,311	0.000299	224,717	141,115
DTE East China	Michigan	55718	3	268,945	894,745,311	0.000301	224,717	141,115
DTE East China	Michigan	55718	4	263,052	894,745,311	0.000294	224,717	141,115
DTE Pontiac North LLC	Michigan	10111	EUBHB9	2,039,304	894,745,311	0.002279	224,717	141,115
Dan E Karn	Michigan	1702	1	17,706,338	894,745,311	0.019789	224,717	141,115
Dan E Karn	Michigan	1702	2	18,568,648	894,745,311	0.020753	224,717	141,115
Dan E Karn	Michigan	1702	3	1,885,486	894,745,311	0.002107	224,717	141,115
Dan E Karn	Michigan	1702	4	1,759,354	894,745,311	0.001966	224,717	141,115
Dearborn Industrial Generation	Michigan	55088	BL1100	2,172,244	894,745,311	0.002428	224,717	141,115
Dearborn Industrial Generation	Michigan	55088	BL2100	1,971,089	894,745,311	0.002203	224,717	141,115
Dearborn Industrial Generation	Michigan	55088	BL3100	2,111,536	894,745,311	0.002360	224,717	141,115
Dearborn Industrial Generation	Michigan	55088	GT2100	5,244,744	894,745,311	0.005862	224,717	141,115
Dearborn Industrial Generation	Michigan	55088	GT3100	6,592,287	894,745,311	0.007368	224,717	141,115
Dearborn Industrial Generation	Michigan	55088	GTP1	935,493	894,745,311	0.001046	224,717	141,115
Delray	Michigan	1728	CTG111	189,009	894,745,311	0.000211	224,717	141,115
Delray	Michigan	1728	CTG121	166,008	894,745,311	0.000186	224,717	141,115
Eckert Station	Michigan	1831	1	2,901,619	894,745,311	0.003243	224,717	141,115
Eckert Station	Michigan	1831	2	2,903,549	894,745,311	0.003245	224,717	141,115
Eckert Station	Michigan	1831	3	2,877,949	894,745,311	0.003217	224,717	141,115

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Belle River	Michigan	6034	CTG122	64,113	61,779	94	59	27	26
Belle River	Michigan	6034	CTG131	64,113	61,779	106	67	30	29
Cadillac Renewable Energy	Michigan	54415	EUBLR	64,113	61,779	822	516	234	226
Conners Creek	Michigan	1726	15	64,113	61,779	66	42	19	18
Conners Creek	Michigan	1726	16	64,113	61,779	69	43	20	19
Conners Creek	Michigan	1726	17	64,113	61,779	66	42	19	18
Conners Creek	Michigan	1726	18	64,113	61,779	55	34	16	15
DTE East China	Michigan	55718	1	64,113	61,779	67	42	19	18
DTE East China	Michigan	55718	2	64,113	61,779	67	42	19	18
DTE East China	Michigan	55718	3	64,113	61,779	68	42	19	19
DTE East China	Michigan	55718	4	64,113	61,779	66	41	19	18
DTE Pontiac North LLC	Michigan	10111	EUBHB9	64,113	61,779	512	322	146	141
Dan E Karn	Michigan	1702	1	64,113	61,779	4,447	2,793	1,269	1,223
Dan E Karn	Michigan	1702	2	64,113	61,779	4,664	2,929	1,331	1,282
Dan E Karn	Michigan	1702	3	64,113	61,779	474	297	135	130
Dan E Karn	Michigan	1702	4	64,113	61,779	442	277	126	121
Dearborn Industrial Generation	Michigan	55088	BL1100	64,113	61,779	546	343	156	150
Dearborn Industrial Generation	Michigan	55088	BL2100	64,113	61,779	495	311	141	136
Dearborn Industrial Generation	Michigan	55088	BL3100	64,113	61,779	530	333	151	146
Dearborn Industrial Generation	Michigan	55088	GT2100	64,113	61,779	1,317	827	376	362
Dearborn Industrial Generation	Michigan	55088	GT3100	64,113	61,779	1,656	1,040	472	455
Dearborn Industrial Generation	Michigan	55088	GTP1	64,113	61,779	235	148	67	65
Delray	Michigan	1728	CTG111	64,113	61,779	47	30	14	13
Delray	Michigan	1728	CTG121	64,113	61,779	42	26	12	11
Eckert Station	Michigan	1831	1	64,113	61,779	729	458	208	200
Eckert Station	Michigan	1831	2	64,113	61,779	729	458	208	200
Eckert Station	Michigan	1831	3	64,113	61,779	723	454	206	199

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Belle River	Michigan	6034	CTG122	0	0	0	0	0	0
Belle River	Michigan	6034	CTG131	0	0	0	0	0	0
Cadillac Renewable Energy	Michigan	54415	EUBLR						
Connors Creek	Michigan	1726	15	0	0	0	0	0	0
Connors Creek	Michigan	1726	16	0	0	0	0	0	0
Connors Creek	Michigan	1726	17	0	0	0	0	0	0
Connors Creek	Michigan	1726	18	0	0	0	0	0	0
DTE East China	Michigan	55718	1	0		0	0	0	0
DTE East China	Michigan	55718	2	0		0	0	0	0
DTE East China	Michigan	55718	3	0		0	0	0	0
DTE East China	Michigan	55718	4	0		0	0	0	0
DTE Pontiac North LLC	Michigan	10111	EUBHB9						
Dan E Karn	Michigan	1702	1	7,063	5,732	7,793	8,688	8,117	3,729
Dan E Karn	Michigan	1702	2	5,996	7,364	8,399	9,135	8,004	5,660
Dan E Karn	Michigan	1702	3	1,722	1,656	1,606	259	736	244
Dan E Karn	Michigan	1702	4	1,269	691	1,053	328	658	422
Dearborn Industrial Generation	Michigan	55088	BL1100						
Dearborn Industrial Generation	Michigan	55088	BL2100						
Dearborn Industrial Generation	Michigan	55088	BL3100						
Dearborn Industrial Generation	Michigan	55088	GT2100						
Dearborn Industrial Generation	Michigan	55088	GT3100						
Dearborn Industrial Generation	Michigan	55088	GTP1	0	0	1	0	0	0
Delray	Michigan	1728	CTG111	0	0	0	0	0	0
Delray	Michigan	1728	CTG121	0	0	0	0	0	0
Eckert Station	Michigan	1831	1	801	642	768	803	805	584
Eckert Station	Michigan	1831	2	430	767	691	740	701	846
Eckert Station	Michigan	1831	3	692	797	835	737	736	713

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Belle River	Michigan	6034	CTG122	0	0	0			
Belle River	Michigan	6034	CTG131	0	0	0			
Cadillac Renewable Energy	Michigan	54415	EUBLR	3	87	87			
Connors Creek	Michigan	1726	15			0			
Connors Creek	Michigan	1726	16			0			
Connors Creek	Michigan	1726	17			0			
Connors Creek	Michigan	1726	18			0			
DTE East China	Michigan	55718	1	0	0	0			
DTE East China	Michigan	55718	2	0	0	0			
DTE East China	Michigan	55718	3	0	0	0			
DTE East China	Michigan	55718	4	0	0	0			
DTE Pontiac North LLC	Michigan	10111	EUBHB9	631		631			
Dan E Karn	Michigan	1702	1	4,165	6,145	8,688			
Dan E Karn	Michigan	1702	2	7,138	6,941	9,135			
Dan E Karn	Michigan	1702	3	192	199	1,722			
Dan E Karn	Michigan	1702	4	177	63	1,269			
Dearborn Industrial Generation	Michigan	55088	BL1100	64	88	88			
Dearborn Industrial Generation	Michigan	55088	BL2100	72	66	72			
Dearborn Industrial Generation	Michigan	55088	BL3100	55	85	85			
Dearborn Industrial Generation	Michigan	55088	GT2100	1	2	2			
Dearborn Industrial Generation	Michigan	55088	GT3100	1	2	2			
Dearborn Industrial Generation	Michigan	55088	GTP1	0	0	1			
Delray	Michigan	1728	CTG111	0	0	0			
Delray	Michigan	1728	CTG121	0	0	0			
Eckert Station	Michigan	1831	1	163	656	805			
Eckert Station	Michigan	1831	2	198	721	846			
Eckert Station	Michigan	1831	3	263	752	835			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Belle River	Michigan	6034	CTG122				4	2	9
Belle River	Michigan	6034	CTG131				5	2	10
Cadillac Renewable Energy	Michigan	54415	EUBLR						
Conners Creek	Michigan	1726	15				6	9	20
Conners Creek	Michigan	1726	16				4	6	15
Conners Creek	Michigan	1726	17				6	7	11
Conners Creek	Michigan	1726	18				5	8	18
DTE East China	Michigan	55718	1				2		3
DTE East China	Michigan	55718	2				1		3
DTE East China	Michigan	55718	3				1		4
DTE East China	Michigan	55718	4				1		3
DTE Pontiac North LLC	Michigan	10111	EUBHB9						
Dan E Karn	Michigan	1702	1				3,774	2,168	2,687
Dan E Karn	Michigan	1702	2				1,499	2,013	2,004
Dan E Karn	Michigan	1702	3				454	397	511
Dan E Karn	Michigan	1702	4				354	164	368
Dearborn Industrial Generation	Michigan	55088	BL1100				43	5	10
Dearborn Industrial Generation	Michigan	55088	BL2100				38	5	9
Dearborn Industrial Generation	Michigan	55088	BL3100				31	6	11
Dearborn Industrial Generation	Michigan	55088	GT2100				38	24	43
Dearborn Industrial Generation	Michigan	55088	GT3100				49	19	43
Dearborn Industrial Generation	Michigan	55088	GTP1				1	6	58
Delray	Michigan	1728	CTG111				6	4	7
Delray	Michigan	1728	CTG121				5	4	9
Eckert Station	Michigan	1831	1				300	254	284
Eckert Station	Michigan	1831	2				222	379	327
Eckert Station	Michigan	1831	3				297	286	312

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Belle River	Michigan	6034	CTG122	4	5	3	3	5	9
Belle River	Michigan	6034	CTG131	4	6	4	3	6	10
Cadillac Renewable Energy	Michigan	54415	EUBLR			223	201	234	234
Conners Creek	Michigan	1726	15	14	18	15			20
Conners Creek	Michigan	1726	16	16	20	13			20
Conners Creek	Michigan	1726	17	15	20	15			20
Conners Creek	Michigan	1726	18	13	13	12			18
DTE East China	Michigan	55718	1	3	5	1	0	2	5
DTE East China	Michigan	55718	2	3	6	1	1	2	6
DTE East China	Michigan	55718	3	3	6	1	1	2	6
DTE East China	Michigan	55718	4	3	6	1	0	2	6
DTE Pontiac North LLC	Michigan	10111	EUBHB9		26	69	129		129
Dan E Karn	Michigan	1702	1	2,243	2,569	1,180	543	610	3,774
Dan E Karn	Michigan	1702	2	1,588	1,545	1,000	676	500	2,013
Dan E Karn	Michigan	1702	3	140	242	71	55	118	511
Dan E Karn	Michigan	1702	4	168	217	131	53	30	368
Dearborn Industrial Generation	Michigan	55088	BL1100	9	10	29	33	68	68
Dearborn Industrial Generation	Michigan	55088	BL2100	17	19	22	19	32	38
Dearborn Industrial Generation	Michigan	55088	BL3100	13	12	25	32	54	54
Dearborn Industrial Generation	Michigan	55088	GT2100	45	35	23	58	98	98
Dearborn Industrial Generation	Michigan	55088	GT3100	53	47	25	66	106	106
Dearborn Industrial Generation	Michigan	55088	GTP1	9	20	5	3	23	58
Delray	Michigan	1728	CTG111	4	3	1	0	3	7
Delray	Michigan	1728	CTG121	4	3	1	0	4	9
Eckert Station	Michigan	1831	1	304	318	209	68	280	318
Eckert Station	Michigan	1831	2	341	348	388	101	349	388
Eckert Station	Michigan	1831	3	245	232	209	87	218	312

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Belle River	Michigan	6034	CTG122						
Belle River	Michigan	6034	CTG131						
Cadillac Renewable Energy	Michigan	54415	EUBLR						
Connors Creek	Michigan	1726	15						
Connors Creek	Michigan	1726	16						
Connors Creek	Michigan	1726	17						
Connors Creek	Michigan	1726	18						
DTE East China	Michigan	55718	1						
DTE East China	Michigan	55718	2						
DTE East China	Michigan	55718	3						
DTE East China	Michigan	55718	4						
DTE Pontiac North LLC	Michigan	10111	EUBHB9						
Dan E Karn	Michigan	1702	1						
Dan E Karn	Michigan	1702	2						
Dan E Karn	Michigan	1702	3						
Dan E Karn	Michigan	1702	4						
Dearborn Industrial Generation	Michigan	55088	BL1100						
Dearborn Industrial Generation	Michigan	55088	BL2100						
Dearborn Industrial Generation	Michigan	55088	BL3100						
Dearborn Industrial Generation	Michigan	55088	GT2100						
Dearborn Industrial Generation	Michigan	55088	GT3100						
Dearborn Industrial Generation	Michigan	55088	GTP1						
Delray	Michigan	1728	CTG111						
Delray	Michigan	1728	CTG121						
Eckert Station	Michigan	1831	1						
Eckert Station	Michigan	1831	2						
Eckert Station	Michigan	1831	3						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Belle River	Michigan	6034	CTG122				
Belle River	Michigan	6034	CTG131				
Cadillac Renewable Energy	Michigan	54415	EUBLR				
Connors Creek	Michigan	1726	15				
Connors Creek	Michigan	1726	16				
Connors Creek	Michigan	1726	17				
Connors Creek	Michigan	1726	18				
DTE East China	Michigan	55718	1				
DTE East China	Michigan	55718	2				
DTE East China	Michigan	55718	3				
DTE East China	Michigan	55718	4				
DTE Pontiac North LLC	Michigan	10111	EUBHB9				
Dan E Karn	Michigan	1702	1				
Dan E Karn	Michigan	1702	2				
Dan E Karn	Michigan	1702	3				
Dan E Karn	Michigan	1702	4				
Dearborn Industrial Generation	Michigan	55088	BL1100				
Dearborn Industrial Generation	Michigan	55088	BL2100				
Dearborn Industrial Generation	Michigan	55088	BL3100				
Dearborn Industrial Generation	Michigan	55088	GT2100				
Dearborn Industrial Generation	Michigan	55088	GT3100				
Dearborn Industrial Generation	Michigan	55088	GTP1				
Delray	Michigan	1728	CTG111				
Delray	Michigan	1728	CTG121				
Eckert Station	Michigan	1831	1				
Eckert Station	Michigan	1831	2				
Eckert Station	Michigan	1831	3				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Calculation							
Belle River	Michigan	6034	CTG122			9	9
Belle River	Michigan	6034	CTG131			10	10
Cadillac Renewable Energy	Michigan	54415	EUBLR			234	234
Connors Creek	Michigan	1726	15			20	20
Connors Creek	Michigan	1726	16			20	20
Connors Creek	Michigan	1726	17			20	20
Connors Creek	Michigan	1726	18			16	16
DTE East China	Michigan	55718	1			5	5
DTE East China	Michigan	55718	2			6	6
DTE East China	Michigan	55718	3			6	6
DTE East China	Michigan	55718	4			6	6
DTE Pontiac North LLC	Michigan	10111	EUBHB9			129	129
Dan E Karn	Michigan	1702	1			1,333	1,333
Dan E Karn	Michigan	1702	2			1,398	1,398
Dan E Karn	Michigan	1702	3			142	142
Dan E Karn	Michigan	1702	4			132	132
Dearborn Industrial Generation	Michigan	55088	BL1100			68	68
Dearborn Industrial Generation	Michigan	55088	BL2100			38	38
Dearborn Industrial Generation	Michigan	55088	BL3100			54	54
Dearborn Industrial Generation	Michigan	55088	GT2100			98	98
Dearborn Industrial Generation	Michigan	55088	GT3100			106	106
Dearborn Industrial Generation	Michigan	55088	GTP1			58	58
Delray	Michigan	1728	CTG111			7	7
Delray	Michigan	1728	CTG121			9	9
Eckert Station	Michigan	1831	1			218	218
Eckert Station	Michigan	1831	2			219	219
Eckert Station	Michigan	1831	3			217	217

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Belle River	Michigan	6034	CTG122	9	9	9	9
Belle River	Michigan	6034	CTG131	10	10	10	10
Cadillac Renewable Energy	Michigan	54415	EUBLR	234	234	234	234
Connors Creek	Michigan	1726	15	19	19	19	19
Connors Creek	Michigan	1726	16	20	20	20	20
Connors Creek	Michigan	1726	17	19	19	19	19
Connors Creek	Michigan	1726	18	16	16	16	16
DTE East China	Michigan	55718	1	5	5	5	5
DTE East China	Michigan	55718	2	6	6	6	6
DTE East China	Michigan	55718	3	6	6	6	6
DTE East China	Michigan	55718	4	6	6	6	6
DTE Pontiac North LLC	Michigan	10111	EUBHB9	129	129	129	129
Dan E Karn	Michigan	1702	1	1,281	1,281	1,281	1,281
Dan E Karn	Michigan	1702	2	1,344	1,344	1,344	1,344
Dan E Karn	Michigan	1702	3	136	136	136	136
Dan E Karn	Michigan	1702	4	127	127	127	127
Dearborn Industrial Generation	Michigan	55088	BL1100	68	68	68	68
Dearborn Industrial Generation	Michigan	55088	BL2100	38	38	38	38
Dearborn Industrial Generation	Michigan	55088	BL3100	54	54	54	54
Dearborn Industrial Generation	Michigan	55088	GT2100	98	98	98	98
Dearborn Industrial Generation	Michigan	55088	GT3100	106	106	106	106
Dearborn Industrial Generation	Michigan	55088	GTP1	58	58	58	58
Delray	Michigan	1728	CTG111	7	7	7	7
Delray	Michigan	1728	CTG121	9	9	9	9
Eckert Station	Michigan	1831	1	210	210	210	210
Eckert Station	Michigan	1831	2	210	210	210	210
Eckert Station	Michigan	1831	3	208	208	208	208

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Belle River	Michigan	6034	CTG122	206,797	182,475	89,106	68,055	301,330	230,201
Belle River	Michigan	6034	CTG131	200,868	226,010	110,212	101,812	326,613	251,164
Cadillac Renewable Energy	Michigan	54415	EUBLR			1,394,893	1,046,903	1,531,025	1,324,274
Connors Creek	Michigan	1726	15	241,270	305,105	232,750			259,709
Connors Creek	Michigan	1726	16	267,246	327,787	211,957			268,997
Connors Creek	Michigan	1726	17	251,883	322,648	204,575			259,702
Connors Creek	Michigan	1726	18	226,138	213,397	202,487			214,007
DTE East China	Michigan	55718	1	199,526	270,334	7,135	21,461	143,904	204,588
DTE East China	Michigan	55718	2	200,809	278,439	11,041	21,670	144,538	207,929
DTE East China	Michigan	55718	3	193,636	267,339	10,305	20,600	148,559	203,178
DTE East China	Michigan	55718	4	189,796	259,937	9,976	20,009	144,695	198,143
DTE Pontiac North LLC	Michigan	10111	EUBHB9			568,277			568,277
Dan E Karn	Michigan	1702	1	9,230,671	8,736,543	2,803,817	6,746,297	7,234,342	8,400,519
Dan E Karn	Michigan	1702	2	9,541,784	7,373,058	7,386,317	7,721,907	8,127,816	8,463,836
Dan E Karn	Michigan	1702	3	1,453,161	1,689,549	401,489	392,629	1,356,471	1,499,727
Dan E Karn	Michigan	1702	4	1,335,374	1,235,520	741,982	304,615	258,531	1,104,292
Dearborn Industrial Generation	Michigan	55088	BL1100	1,643,902	485,178	1,232,544	659,705	1,134,000	1,336,815
Dearborn Industrial Generation	Michigan	55088	BL2100	1,569,125	982,999	1,186,430	904,964	760,557	1,246,185
Dearborn Industrial Generation	Michigan	55088	BL3100	1,719,138	1,979,501	1,069,389	656,807	869,075	1,589,343
Dearborn Industrial Generation	Michigan	55088	GT2100	6,264,760	2,238,524	1,385,605	1,553,308	3,350,074	3,951,119
Dearborn Industrial Generation	Michigan	55088	GT3100	9,655,576	2,635,179	1,479,829	1,856,933	3,273,571	5,188,109
Dearborn Industrial Generation	Michigan	55088	GTP1	421,069	897,614	299,396	109,099	1,056,752	791,812
Delray	Michigan	1728	CTG111	154,998	105,542	39,091	12,918	168,012	142,851
Delray	Michigan	1728	CTG121	142,981	97,158	36,783	14,769	134,443	124,861
Eckert Station	Michigan	1831	1	1,452,758	1,434,990	1,154,007	216,073	1,117,842	1,347,251
Eckert Station	Michigan	1831	2	1,390,232	1,053,163	1,211,506	282,465	1,027,842	1,218,300
Eckert Station	Michigan	1831	3	1,165,452	1,308,165	914,773	472,061	1,304,085	1,259,234

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Belle River	Michigan	6034	CTG122	405,725,128	0.000567	27,480	26,476	16	15
Belle River	Michigan	6034	CTG131	405,725,128	0.000619	27,480	26,476	17	16
Cadillac Renewable Energy	Michigan	54415	EUBLR	405,725,128	0.003264	27,480	26,476	90	86
Connors Creek	Michigan	1726	15	405,725,128	0.000640	27,480	26,476	18	17
Connors Creek	Michigan	1726	16	405,725,128	0.000663	27,480	26,476	18	18
Connors Creek	Michigan	1726	17	405,725,128	0.000640	27,480	26,476	18	17
Connors Creek	Michigan	1726	18	405,725,128	0.000527	27,480	26,476	14	14
DTE East China	Michigan	55718	1	405,725,128	0.000504	27,480	26,476	14	13
DTE East China	Michigan	55718	2	405,725,128	0.000512	27,480	26,476	14	14
DTE East China	Michigan	55718	3	405,725,128	0.000501	27,480	26,476	14	13
DTE East China	Michigan	55718	4	405,725,128	0.000488	27,480	26,476	13	13
DTE Pontiac North LLC	Michigan	10111	EUBHB9	405,725,128	0.001401	27,480	26,476	38	37
Dan E Karn	Michigan	1702	1	405,725,128	0.020705	27,480	26,476	569	548
Dan E Karn	Michigan	1702	2	405,725,128	0.020861	27,480	26,476	573	552
Dan E Karn	Michigan	1702	3	405,725,128	0.003696	27,480	26,476	102	98
Dan E Karn	Michigan	1702	4	405,725,128	0.002722	27,480	26,476	75	72
Dearborn Industrial Generation	Michigan	55088	BL1100	405,725,128	0.003295	27,480	26,476	91	87
Dearborn Industrial Generation	Michigan	55088	BL2100	405,725,128	0.003072	27,480	26,476	84	81
Dearborn Industrial Generation	Michigan	55088	BL3100	405,725,128	0.003917	27,480	26,476	108	104
Dearborn Industrial Generation	Michigan	55088	GT2100	405,725,128	0.009738	27,480	26,476	268	258
Dearborn Industrial Generation	Michigan	55088	GT3100	405,725,128	0.012787	27,480	26,476	351	339
Dearborn Industrial Generation	Michigan	55088	GTP1	405,725,128	0.001952	27,480	26,476	54	52
Delray	Michigan	1728	CTG111	405,725,128	0.000352	27,480	26,476	10	9
Delray	Michigan	1728	CTG121	405,725,128	0.000308	27,480	26,476	8	8
Eckert Station	Michigan	1831	1	405,725,128	0.003321	27,480	26,476	91	88
Eckert Station	Michigan	1831	2	405,725,128	0.003003	27,480	26,476	83	80
Eckert Station	Michigan	1831	3	405,725,128	0.003104	27,480	26,476	85	82

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Belle River	Michigan	6034	CTG122	2	1	6	3	2	1
Belle River	Michigan	6034	CTG131	2	1	7	3	3	1
Cadillac Renewable Energy	Michigan	54415	EUBLR						100
Connors Creek	Michigan	1726	15	6	9	19	14	18	14
Connors Creek	Michigan	1726	16	4	6	15	16	20	13
Connors Creek	Michigan	1726	17	6	7	11	15	20	14
Connors Creek	Michigan	1726	18	5	8	18	13	13	11
DTE East China	Michigan	55718	1	1		3	2	3	0
DTE East China	Michigan	55718	2	1		3	3	3	0
DTE East China	Michigan	55718	3	1		4	3	3	0
DTE East China	Michigan	55718	4	1		3	2	3	0
DTE Pontiac North LLC	Michigan	10111	EUBHB9					26	69
Dan E Karn	Michigan	1702	1	1,517	569	301	356	599	115
Dan E Karn	Michigan	1702	2	278	305	207	250	294	299
Dan E Karn	Michigan	1702	3	296	242	356	115	168	45
Dan E Karn	Michigan	1702	4	206	134	314	128	124	81
Dearborn Industrial Generation	Michigan	55088	BL1100	43	5	10	9	10	12
Dearborn Industrial Generation	Michigan	55088	BL2100	38	5	9	17	19	13
Dearborn Industrial Generation	Michigan	55088	BL3100	31	6	11	13	12	12
Dearborn Industrial Generation	Michigan	55088	GT2100	38	24	43	45	35	23
Dearborn Industrial Generation	Michigan	55088	GT3100	49	19	43	53	47	25
Dearborn Industrial Generation	Michigan	55088	GTP1	1	4	21	7	17	5
Delray	Michigan	1728	CTG111	2	2	3	3	2	1
Delray	Michigan	1728	CTG121	2	2	6	3	2	1
Eckert Station	Michigan	1831	1	116	92	114	143	150	117
Eckert Station	Michigan	1831	2	114	149	126	168	126	142
Eckert Station	Michigan	1831	3	108	124	110	94	103	73

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Belle River	Michigan	6034	CTG122	1	3	6			
Belle River	Michigan	6034	CTG131	1	4	7			
Cadillac Renewable Energy	Michigan	54415	EUBLR	72	92	100			
Conners Creek	Michigan	1726	15			19			
Conners Creek	Michigan	1726	16			20			
Conners Creek	Michigan	1726	17			20			
Conners Creek	Michigan	1726	18			18			
DTE East China	Michigan	55718	1	0	1	3			
DTE East China	Michigan	55718	2	0	2	3			
DTE East China	Michigan	55718	3	0	2	4			
DTE East China	Michigan	55718	4	0	1	3			
DTE Pontiac North LLC	Michigan	10111	EUBHB9	24		69			
Dan E Karn	Michigan	1702	1	249	231	1,517			
Dan E Karn	Michigan	1702	2	197	232	305			
Dan E Karn	Michigan	1702	3	41	104	356			
Dan E Karn	Michigan	1702	4	33	25	314			
Dearborn Industrial Generation	Michigan	55088	BL1100	12	36	43			
Dearborn Industrial Generation	Michigan	55088	BL2100	9	20	38			
Dearborn Industrial Generation	Michigan	55088	BL3100	14	17	31			
Dearborn Industrial Generation	Michigan	55088	GT2100	24	59	59			
Dearborn Industrial Generation	Michigan	55088	GT3100	30	60	60			
Dearborn Industrial Generation	Michigan	55088	GTP1	2	20	21			
Delray	Michigan	1728	CTG111	0	3	3			
Delray	Michigan	1728	CTG121	0	3	6			
Eckert Station	Michigan	1831	1	24	127	150			
Eckert Station	Michigan	1831	2	36	131	168			
Eckert Station	Michigan	1831	3	44	95	124			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Belle River	Michigan	6034	CTG122					
Belle River	Michigan	6034	CTG131					
Cadillac Renewable Energy	Michigan	54415	EUBLR					
Conners Creek	Michigan	1726	15					
Conners Creek	Michigan	1726	16					
Conners Creek	Michigan	1726	17					
Conners Creek	Michigan	1726	18					
DTE East China	Michigan	55718	1					
DTE East China	Michigan	55718	2					
DTE East China	Michigan	55718	3					
DTE East China	Michigan	55718	4					
DTE Pontiac North LLC	Michigan	10111	EUBHB9					
Dan E Karn	Michigan	1702	1					
Dan E Karn	Michigan	1702	2					
Dan E Karn	Michigan	1702	3					
Dan E Karn	Michigan	1702	4					
Dearborn Industrial Generation	Michigan	55088	BL1100					
Dearborn Industrial Generation	Michigan	55088	BL2100					
Dearborn Industrial Generation	Michigan	55088	BL3100					
Dearborn Industrial Generation	Michigan	55088	GT2100					
Dearborn Industrial Generation	Michigan	55088	GT3100					
Dearborn Industrial Generation	Michigan	55088	GTP1					
Delray	Michigan	1728	CTG111					
Delray	Michigan	1728	CTG121					
Eckert Station	Michigan	1831	1					
Eckert Station	Michigan	1831	2					
Eckert Station	Michigan	1831	3					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Belle River	Michigan	6034	CTG122					Y
Belle River	Michigan	6034	CTG131					Y
Cadillac Renewable Energy	Michigan	54415	EUBLR					Y
Connors Creek	Michigan	1726	15					Y
Connors Creek	Michigan	1726	16					Y
Connors Creek	Michigan	1726	17					Y
Connors Creek	Michigan	1726	18					Y
DTE East China	Michigan	55718	1					Y
DTE East China	Michigan	55718	2					Y
DTE East China	Michigan	55718	3					Y
DTE East China	Michigan	55718	4					Y
DTE Pontiac North LLC	Michigan	10111	EUBHB9					Y
Dan E Karn	Michigan	1702	1					Y
Dan E Karn	Michigan	1702	2					Y
Dan E Karn	Michigan	1702	3					Y
Dan E Karn	Michigan	1702	4					Y
Dearborn Industrial Generation	Michigan	55088	BL1100					Y
Dearborn Industrial Generation	Michigan	55088	BL2100					Y
Dearborn Industrial Generation	Michigan	55088	BL3100					Y
Dearborn Industrial Generation	Michigan	55088	GT2100					Y
Dearborn Industrial Generation	Michigan	55088	GT3100					Y
Dearborn Industrial Generation	Michigan	55088	GTP1					Y
Delray	Michigan	1728	CTG111					Y
Delray	Michigan	1728	CTG121					Y
Eckert Station	Michigan	1831	1					Y
Eckert Station	Michigan	1831	2					Y
Eckert Station	Michigan	1831	3					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Belle River	Michigan	6034	CTG122	Y		Y		
Belle River	Michigan	6034	CTG131	Y		Y		
Cadillac Renewable Energy	Michigan	54415	EUBLR	Y		Y		
Conners Creek	Michigan	1726	15	Y		Y		
Conners Creek	Michigan	1726	16	Y		Y		
Conners Creek	Michigan	1726	17	Y		Y		
Conners Creek	Michigan	1726	18	Y		Y		
DTE East China	Michigan	55718	1	Y		Y		
DTE East China	Michigan	55718	2	Y		Y		
DTE East China	Michigan	55718	3	Y		Y		
DTE East China	Michigan	55718	4	Y		Y		
DTE Pontiac North LLC	Michigan	10111	EUBHB9	Y		Y		Y
Dan E Karn	Michigan	1702	1	Y		Y		
Dan E Karn	Michigan	1702	2	Y		Y		
Dan E Karn	Michigan	1702	3	Y		Y		
Dan E Karn	Michigan	1702	4	Y		Y		
Dearborn Industrial Generation	Michigan	55088	BL1100	Y		Y		
Dearborn Industrial Generation	Michigan	55088	BL2100	Y		Y		
Dearborn Industrial Generation	Michigan	55088	BL3100	Y		Y		
Dearborn Industrial Generation	Michigan	55088	GT2100	Y		Y		
Dearborn Industrial Generation	Michigan	55088	GT3100	Y		Y		
Dearborn Industrial Generation	Michigan	55088	GTP1	Y		Y		
Delray	Michigan	1728	CTG111	Y		Y		
Delray	Michigan	1728	CTG121	Y		Y		
Eckert Station	Michigan	1831	1	Y		Y		
Eckert Station	Michigan	1831	2	Y		Y		
Eckert Station	Michigan	1831	3	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Eckert Station	Michigan	1831	4	1218	4,310,160	5,162,890	5,134,951	3,231,460	1,428,644
Eckert Station	Michigan	1831	5	1219	5,861,984	3,086,930	5,823,309	3,524,379	5,544,396
Eckert Station	Michigan	1831	6	1220	4,630,257	5,645,890	3,548,692	3,224,018	5,725,198
Endicott Generating	Michigan	4259	1	2650	5,940,851	7,254,922	5,797,241	4,533,611	4,350,188
Erickson	Michigan	1832	1	1221	11,549,022	13,147,393	12,535,824	12,897,463	8,705,078
Genesee Power Station	Michigan	54751	01	90200			3,168,939	2,050,052	2,265,302
Grayling Generating Station	Michigan	10822	1	90210			3,841,565	3,042,074	3,273,731
Greenwood	Michigan	6035	1	2700	3,680,445	4,904,702	3,100,696	1,787,487	4,887,946
Greenwood	Michigan	6035	CTG111	2701	190,404	423,446	158,761	177,194	238,007
Greenwood	Michigan	6035	CTG112	2702	191,180	468,909	202,559	160,172	253,212
Greenwood	Michigan	6035	CTG121	2703	224,250	443,233	154,234	171,272	248,942
Hancock Peakers	Michigan	1730	CTG121	88435	18,082	1,204	3,766	1,626	15,099
Hancock Peakers	Michigan	1730	CTG122	88436	22,288	602	4,348	2,065	12,999
Harbor Beach	Michigan	1731	1	1177	2,190,752	885,714	2,595,069	1,640,306	2,140,564
J B Sims	Michigan	1825	3	1213	3,902,324	4,947,027	3,843,686	3,324,555	3,339,827
J C Weadock	Michigan	1720	7	1160	8,554,191	11,074,854	8,971,465	9,216,718	8,054,184
J C Weadock	Michigan	1720	8	1161	12,124,127	8,551,603	9,307,188	8,359,360	8,082,630
J H Campbell	Michigan	1710	1	1157	20,782,504	21,033,632	16,751,585	18,958,364	19,663,796
J H Campbell	Michigan	1710	2	1158	25,112,727	23,686,926	23,250,218	14,665,202	21,576,700
J H Campbell	Michigan	1710	3	1159	41,996,425	41,010,703	66,505,108	68,639,628	60,972,749
J R Whiting	Michigan	1723	1	1162	8,403,424	8,789,262	7,975,395	7,457,834	6,477,431
J R Whiting	Michigan	1723	2	1163	9,056,778	8,894,853	7,799,413	7,536,633	7,147,849
J R Whiting	Michigan	1723	3	1164	10,859,042	10,591,659	10,019,009	4,630,416	8,787,947
Jackson MI Facility	Michigan	55270	7EA	4376	1,213,033	1,709,458	953,010	905,069	1,550,824
Jackson MI Facility	Michigan	55270	LM1	4377	344,511	733,201	548,960	354,934	606,397
Jackson MI Facility	Michigan	55270	LM2	4378	336,303	667,737	514,989	351,975	630,332
Jackson MI Facility	Michigan	55270	LM3	4379	355,202	725,115	547,355	339,170	601,706

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Eckert Station	Michigan	1831	4	4,869,334	894,745,311	0.005442	224,717	141,115
Eckert Station	Michigan	1831	5	5,743,230	894,745,311	0.006419	224,717	141,115
Eckert Station	Michigan	1831	6	5,333,782	894,745,311	0.005961	224,717	141,115
Endicott Generating	Michigan	4259	1	6,331,005	894,745,311	0.007076	224,717	141,115
Erickson	Michigan	1832	1	12,860,226	894,745,311	0.014373	224,717	141,115
Genesee Power Station	Michigan	54751	01	2,494,764	894,745,311	0.002788	224,717	141,115
Grayling Generating Station	Michigan	10822	1	3,385,790	894,745,311	0.003784	224,717	141,115
Greenwood	Michigan	6035	1	4,491,031	894,745,311	0.005019	224,717	141,115
Greenwood	Michigan	6035	CTG111	283,952	894,745,311	0.000317	224,717	141,115
Greenwood	Michigan	6035	CTG112	308,226	894,745,311	0.000344	224,717	141,115
Greenwood	Michigan	6035	CTG121	305,475	894,745,311	0.000341	224,717	141,115
Hancock Peakers	Michigan	1730	CTG121	12,316	894,745,311	0.000014	224,717	141,115
Hancock Peakers	Michigan	1730	CTG122	13,212	894,745,311	0.000015	224,717	141,115
Harbor Beach	Michigan	1731	1	2,308,795	894,745,311	0.002580	224,717	141,115
J B Sims	Michigan	1825	3	4,231,012	894,745,311	0.004729	224,717	141,115
J C Weadock	Michigan	1720	7	9,754,346	894,745,311	0.010902	224,717	141,115
J C Weadock	Michigan	1720	8	9,994,306	894,745,311	0.011170	224,717	141,115
J H Campbell	Michigan	1710	1	20,493,310	894,745,311	0.022904	224,717	141,115
J H Campbell	Michigan	1710	2	24,016,623	894,745,311	0.026842	224,717	141,115
J H Campbell	Michigan	1710	3	65,372,495	894,745,311	0.073063	224,717	141,115
J R Whiting	Michigan	1723	1	8,389,360	894,745,311	0.009376	224,717	141,115
J R Whiting	Michigan	1723	2	8,583,681	894,745,311	0.009593	224,717	141,115
J R Whiting	Michigan	1723	3	10,489,903	894,745,311	0.011724	224,717	141,115
Jackson MI Facility	Michigan	55270	7EA	1,491,105	894,745,311	0.001667	224,717	141,115
Jackson MI Facility	Michigan	55270	LM1	629,519	894,745,311	0.000704	224,717	141,115
Jackson MI Facility	Michigan	55270	LM2	604,353	894,745,311	0.000675	224,717	141,115
Jackson MI Facility	Michigan	55270	LM3	624,725	894,745,311	0.000698	224,717	141,115

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Eckert Station	Michigan	1831	4	64,113	61,779	1,223	768	349	336
Eckert Station	Michigan	1831	5	64,113	61,779	1,442	906	412	397
Eckert Station	Michigan	1831	6	64,113	61,779	1,340	841	382	368
Endicott Generating	Michigan	4259	1	64,113	61,779	1,590	998	454	437
Erickson	Michigan	1832	1	64,113	61,779	3,230	2,028	921	888
Genesee Power Station	Michigan	54751	01	64,113	61,779	627	393	179	172
Grayling Generating Station	Michigan	10822	1	64,113	61,779	850	534	243	234
Greenwood	Michigan	6035	1	64,113	61,779	1,128	708	322	310
Greenwood	Michigan	6035	CTG111	64,113	61,779	71	45	20	20
Greenwood	Michigan	6035	CTG112	64,113	61,779	77	49	22	21
Greenwood	Michigan	6035	CTG121	64,113	61,779	77	48	22	21
Hancock Peakers	Michigan	1730	CTG121	64,113	61,779	3	2	1	1
Hancock Peakers	Michigan	1730	CTG122	64,113	61,779	3	2	1	1
Harbor Beach	Michigan	1731	1	64,113	61,779	580	364	165	159
J B Sims	Michigan	1825	3	64,113	61,779	1,063	667	303	292
J C Weadock	Michigan	1720	7	64,113	61,779	2,450	1,538	699	674
J C Weadock	Michigan	1720	8	64,113	61,779	2,510	1,576	716	690
J H Campbell	Michigan	1710	1	64,113	61,779	5,147	3,232	1,468	1,415
J H Campbell	Michigan	1710	2	64,113	61,779	6,032	3,788	1,721	1,658
J H Campbell	Michigan	1710	3	64,113	61,779	16,418	10,310	4,684	4,514
J R Whiting	Michigan	1723	1	64,113	61,779	2,107	1,323	601	579
J R Whiting	Michigan	1723	2	64,113	61,779	2,156	1,354	615	593
J R Whiting	Michigan	1723	3	64,113	61,779	2,635	1,654	752	724
Jackson MI Facility	Michigan	55270	7EA	64,113	61,779	374	235	107	103
Jackson MI Facility	Michigan	55270	LM1	64,113	61,779	158	99	45	43
Jackson MI Facility	Michigan	55270	LM2	64,113	61,779	152	95	43	42
Jackson MI Facility	Michigan	55270	LM3	64,113	61,779	157	99	45	43

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Eckert Station	Michigan	1831	4	1,636	1,631	821	1,157	1,395	1,424
Eckert Station	Michigan	1831	5	1,388	1,516	1,091	1,512	821	1,656
Eckert Station	Michigan	1831	6	1,452	1,427	1,496	1,187	1,486	1,025
Endicott Generating	Michigan	4259	1	1,272	1,124	1,542	823	1,037	964
Erickson	Michigan	1832	1	3,828	2,628	3,105	2,755	3,431	3,188
Genesee Power Station	Michigan	54751	01						
Grayling Generating Station	Michigan	10822	1						
Greenwood	Michigan	6035	1	1,462	1,422	2,139	398	637	150
Greenwood	Michigan	6035	CTG111	0	0	0	0	0	0
Greenwood	Michigan	6035	CTG112	0	0	0	0	0	0
Greenwood	Michigan	6035	CTG121	0	0	0	0	0	0
Hancock Peakers	Michigan	1730	CTG121						
Hancock Peakers	Michigan	1730	CTG122						
Harbor Beach	Michigan	1731	1	1,551	1,725	2,019	1,302	556	1,629
J B Sims	Michigan	1825	3	785	733	1,052	607	740	528
J C Weadock	Michigan	1720	7	5,199	3,700	5,123	4,046	5,077	4,306
J C Weadock	Michigan	1720	8	5,119	5,342	5,970	5,739	3,867	4,462
J H Campbell	Michigan	1710	1	7,990	7,177	8,375	8,645	8,555	7,024
J H Campbell	Michigan	1710	2	9,213	8,242	9,170	10,839	10,330	10,612
J H Campbell	Michigan	1710	3	25,871	19,901	23,092	17,307	10,924	18,248
J R Whiting	Michigan	1723	1	4,551	3,313	3,481	3,281	3,008	2,792
J R Whiting	Michigan	1723	2	4,444	3,225	3,643	3,534	3,232	2,804
J R Whiting	Michigan	1723	3	4,927	4,047	3,669	4,166	3,921	3,663
Jackson MI Facility	Michigan	55270	7EA	0	0	0	0	1	0
Jackson MI Facility	Michigan	55270	LM1	0	0	0	0	0	0
Jackson MI Facility	Michigan	55270	LM2	0	0	0	0	0	0
Jackson MI Facility	Michigan	55270	LM3	0	0	0	0	0	0

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
Eckert Station	Michigan	1831	4	846	304	1,636				
Eckert Station	Michigan	1831	5	926	1,455	1,656				
Eckert Station	Michigan	1831	6	831	1,540	1,540				
Endicott Generating	Michigan	4259	1	1,242	1,214	1,542				
Erickson	Michigan	1832	1	3,543	2,363	3,828				
Genesee Power Station	Michigan	54751	01	174	193	193				
Grayling Generating Station	Michigan	10822	1	16	21	21				
Greenwood	Michigan	6035	1	47	36	2,139				
Greenwood	Michigan	6035	CTG111	0	0	0				
Greenwood	Michigan	6035	CTG112	0	0	0				
Greenwood	Michigan	6035	CTG121	0	0	0				
Hancock Peakers	Michigan	1730	CTG121		0	0				
Hancock Peakers	Michigan	1730	CTG122	0	0	0				
Harbor Beach	Michigan	1731	1	1,044	1,391	2,019				
J B Sims	Michigan	1825	3	334	289	1,052				
J C Weadock	Michigan	1720	7	4,439	4,490	5,199				
J C Weadock	Michigan	1720	8	3,997	4,378	5,970				
J H Campbell	Michigan	1710	1	6,790	7,818	8,645				
J H Campbell	Michigan	1710	2	6,637	9,017	10,839				
J H Campbell	Michigan	1710	3	18,370	16,744	25,871				
J R Whiting	Michigan	1723	1	2,568	2,204	4,551				
J R Whiting	Michigan	1723	2	2,540	2,394	4,444				
J R Whiting	Michigan	1723	3	1,562	3,060	4,927				
Jackson MI Facility	Michigan	55270	7EA	0	0	1				
Jackson MI Facility	Michigan	55270	LM1	0	0	0				
Jackson MI Facility	Michigan	55270	LM2	0	0	0				
Jackson MI Facility	Michigan	55270	LM3	0	0	0				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Eckert Station	Michigan	1831	4				836	497	317
Eckert Station	Michigan	1831	5				478	553	406
Eckert Station	Michigan	1831	6				544	522	545
Endicott Generating	Michigan	4259	1				702	649	708
Erickson	Michigan	1832	1				1,942	1,066	1,218
Genesee Power Station	Michigan	54751	01						
Grayling Generating Station	Michigan	10822	1						
Greenwood	Michigan	6035	1				561	509	586
Greenwood	Michigan	6035	CTG111				3	0	8
Greenwood	Michigan	6035	CTG112				2	0	7
Greenwood	Michigan	6035	CTG121				2	0	3
Hancock Peakers	Michigan	1730	CTG121					2	7
Hancock Peakers	Michigan	1730	CTG122					2	2
Harbor Beach	Michigan	1731	1				1,020	652	1,078
J B Sims	Michigan	1825	3				836	534	602
J C Weadock	Michigan	1720	7				2,067	1,353	1,666
J C Weadock	Michigan	1720	8				2,064	1,956	1,932
J H Campbell	Michigan	1710	1				1,695	1,535	2,562
J H Campbell	Michigan	1710	2				3,604	3,125	2,820
J H Campbell	Michigan	1710	3				12,606	9,868	11,205
J R Whiting	Michigan	1723	1				1,111	983	1,069
J R Whiting	Michigan	1723	2				1,197	1,063	1,169
J R Whiting	Michigan	1723	3				1,298	1,284	1,041
Jackson MI Facility	Michigan	55270	7EA				4	2	14
Jackson MI Facility	Michigan	55270	LM1				4	2	8
Jackson MI Facility	Michigan	55270	LM2				4	2	10
Jackson MI Facility	Michigan	55270	LM3				4	1	11

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Eckert Station	Michigan	1831	4	434	513	519	328	116	836
Eckert Station	Michigan	1831	5	619	309	595	358	586	619
Eckert Station	Michigan	1831	6	471	607	394	325	589	607
Endicott Generating	Michigan	4259	1	631	653	522	424	497	708
Erickson	Michigan	1832	1	1,145	1,271	1,205	1,231	949	1,942
Genesee Power Station	Michigan	54751	01			267	160	185	267
Grayling Generating Station	Michigan	10822	1			269	219	233	269
Greenwood	Michigan	6035	1	212	297	188	104	270	586
Greenwood	Michigan	6035	CTG111	3	6	2	2	3	8
Greenwood	Michigan	6035	CTG112	3	7	3	2	4	7
Greenwood	Michigan	6035	CTG121	3	7	2	2	3	7
Hancock Peakers	Michigan	1730	CTG121	6	0	1	1	5	7
Hancock Peakers	Michigan	1730	CTG122	8	0	2	1	5	8
Harbor Beach	Michigan	1731	1	640	311	921	460	584	1,078
J B Sims	Michigan	1825	3	471	657	484	379	409	836
J C Weadock	Michigan	1720	7	1,354	1,880	1,495	1,585	1,255	2,067
J C Weadock	Michigan	1720	8	1,897	1,433	1,581	1,428	1,357	2,064
J H Campbell	Michigan	1710	1	2,627	2,550	2,059	1,520	1,665	2,627
J H Campbell	Michigan	1710	2	3,328	3,088	3,150	2,405	3,365	3,604
J H Campbell	Michigan	1710	3	9,403	3,652	6,240	4,571	4,572	12,606
J R Whiting	Michigan	1723	1	970	1,049	943	839	805	1,111
J R Whiting	Michigan	1723	2	1,099	1,071	943	892	865	1,197
J R Whiting	Michigan	1723	3	1,211	1,188	1,161	538	987	1,298
Jackson MI Facility	Michigan	55270	7EA	23	29	16	17	27	29
Jackson MI Facility	Michigan	55270	LM1	15	31	21	14	24	31
Jackson MI Facility	Michigan	55270	LM2	15	28	20	14	25	28
Jackson MI Facility	Michigan	55270	LM3	16	30	22	14	24	30

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Eckert Station	Michigan	1831	4						
Eckert Station	Michigan	1831	5						
Eckert Station	Michigan	1831	6						
Endicott Generating	Michigan	4259	1						
Erickson	Michigan	1832	1						
Genesee Power Station	Michigan	54751	01						
Grayling Generating Station	Michigan	10822	1						
Greenwood	Michigan	6035	1						
Greenwood	Michigan	6035	CTG111						
Greenwood	Michigan	6035	CTG112						
Greenwood	Michigan	6035	CTG121						
Hancock Peakers	Michigan	1730	CTG121						
Hancock Peakers	Michigan	1730	CTG122						
Harbor Beach	Michigan	1731	1						
J B Sims	Michigan	1825	3						
J C Weadock	Michigan	1720	7						
J C Weadock	Michigan	1720	8						
J H Campbell	Michigan	1710	1						
J H Campbell	Michigan	1710	2						
J H Campbell	Michigan	1710	3						
J R Whiting	Michigan	1723	1						
J R Whiting	Michigan	1723	2						
J R Whiting	Michigan	1723	3						
Jackson MI Facility	Michigan	55270	7EA						
Jackson MI Facility	Michigan	55270	LM1						
Jackson MI Facility	Michigan	55270	LM2						
Jackson MI Facility	Michigan	55270	LM3						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Eckert Station	Michigan	1831	4				
Eckert Station	Michigan	1831	5				
Eckert Station	Michigan	1831	6				
Endicott Generating	Michigan	4259	1				
Erickson	Michigan	1832	1				
Genesee Power Station	Michigan	54751	01				
Grayling Generating Station	Michigan	10822	1				
Greenwood	Michigan	6035	1				
Greenwood	Michigan	6035	CTG111				
Greenwood	Michigan	6035	CTG112				
Greenwood	Michigan	6035	CTG121				
Hancock Peakers	Michigan	1730	CTG121				
Hancock Peakers	Michigan	1730	CTG122				
Harbor Beach	Michigan	1731	1				
J B Sims	Michigan	1825	3				
J C Weadock	Michigan	1720	7				
J C Weadock	Michigan	1720	8				
J H Campbell	Michigan	1710	1				
J H Campbell	Michigan	1710	2				
J H Campbell	Michigan	1710	3				
J R Whiting	Michigan	1723	1				
J R Whiting	Michigan	1723	2				
J R Whiting	Michigan	1723	3				
Jackson MI Facility	Michigan	55270	7EA				
Jackson MI Facility	Michigan	55270	LM1				
Jackson MI Facility	Michigan	55270	LM2				
Jackson MI Facility	Michigan	55270	LM3				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Eckert Station	Michigan	1831	4			367	367
Eckert Station	Michigan	1831	5			432	432
Eckert Station	Michigan	1831	6			402	402
Endicott Generating	Michigan	4259	1			477	477
Erickson	Michigan	1832	1			968	968
Genesee Power Station	Michigan	54751	01			188	188
Grayling Generating Station	Michigan	10822	1			255	255
Greenwood	Michigan	6035	1			338	338
Greenwood	Michigan	6035	CTG111			8	8
Greenwood	Michigan	6035	CTG112			7	7
Greenwood	Michigan	6035	CTG121			7	7
Hancock Peakers	Michigan	1730	CTG121			1	1
Hancock Peakers	Michigan	1730	CTG122			1	1
Harbor Beach	Michigan	1731	1			174	174
J B Sims	Michigan	1825	3			319	319
J C Weadock	Michigan	1720	7			734	734
J C Weadock	Michigan	1720	8			753	753
J H Campbell	Michigan	1710	1			1,543	1,543
J H Campbell	Michigan	1710	2			1,808	1,808
J H Campbell	Michigan	1710	3			4,922	4,922
J R Whiting	Michigan	1723	1			632	632
J R Whiting	Michigan	1723	2			646	646
J R Whiting	Michigan	1723	3			790	790
Jackson MI Facility	Michigan	55270	7EA			29	29
Jackson MI Facility	Michigan	55270	LM1			31	31
Jackson MI Facility	Michigan	55270	LM2			28	28
Jackson MI Facility	Michigan	55270	LM3			30	30

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Eckert Station	Michigan	1831	4	352	352	352	352
Eckert Station	Michigan	1831	5	416	416	416	416
Eckert Station	Michigan	1831	6	386	386	386	386
Endicott Generating	Michigan	4259	1	458	458	458	458
Erickson	Michigan	1832	1	931	931	931	931
Genesee Power Station	Michigan	54751	01	181	181	181	181
Grayling Generating Station	Michigan	10822	1	245	245	245	245
Greenwood	Michigan	6035	1	325	325	325	325
Greenwood	Michigan	6035	CTG111	8	8	8	8
Greenwood	Michigan	6035	CTG112	7	7	7	7
Greenwood	Michigan	6035	CTG121	7	7	7	7
Hancock Peak	Michigan	1730	CTG121	1	1	1	1
Hancock Peak	Michigan	1730	CTG122	1	1	1	1
Harbor Beach	Michigan	1731	1	167	167	167	167
J B Sims	Michigan	1825	3	306	306	306	306
J C Weadock	Michigan	1720	7	706	706	706	706
J C Weadock	Michigan	1720	8	723	723	723	723
J H Campbell	Michigan	1710	1	1,483	1,483	1,483	1,483
J H Campbell	Michigan	1710	2	1,738	1,738	1,738	1,738
J H Campbell	Michigan	1710	3	4,731	4,731	4,731	4,731
J R Whiting	Michigan	1723	1	607	607	607	607
J R Whiting	Michigan	1723	2	621	621	621	621
J R Whiting	Michigan	1723	3	759	759	759	759
Jackson MI Facility	Michigan	55270	7EA	29	29	29	29
Jackson MI Facility	Michigan	55270	LM1	31	31	31	31
Jackson MI Facility	Michigan	55270	LM2	28	28	28	28
Jackson MI Facility	Michigan	55270	LM3	30	30	30	30

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Eckert Station	Michigan	1831	4	2,357,495	2,184,449	2,171,597	1,086,259	689	2,237,847
Eckert Station	Michigan	1831	5	2,487,177	1,607,583	2,397,098	1,238,441	2,236,380	2,373,552
Eckert Station	Michigan	1831	6	2,116,847	2,318,087	1,898,487	1,706,801	2,390,881	2,275,272
Endicott Generating	Michigan	4259	1	2,375,394	3,019,204	2,301,019	2,046,089	2,280,971	2,565,205
Erickson	Michigan	1832	1	5,294,288	5,939,775	5,139,054	5,040,791	4,944,220	5,457,705
Genesee Power Station	Michigan	54751	01			1,296,744	840,301	1,077,342	1,071,462
Grayling Generating Station	Michigan	10822	1			1,546,970	1,133,157	1,439,630	1,373,252
Greenwood	Michigan	6035	1	2,931,934	3,176,177	2,448,133	853,954	4,124,992	3,411,034
Greenwood	Michigan	6035	CTG111	162,753	262,385	53,150	54,158	162,049	195,729
Greenwood	Michigan	6035	CTG112	156,437	274,925	59,916	36,859	178,223	203,195
Greenwood	Michigan	6035	CTG121	153,224	294,770	60,666	53,365	173,820	207,271
Hancock Peakers	Michigan	1730	CTG121	18,082	1,204	3,766	888	12,762	11,537
Hancock Peakers	Michigan	1730	CTG122	22,288	602	3,652	1,362	11,527	12,489
Harbor Beach	Michigan	1731	1	1,072,581	30,061	922,492	608,324	1,139,203	1,044,759
J B Sims	Michigan	1825	3	1,849,716	1,876,008	1,814,000	1,229,385	1,799,816	1,846,575
J C Weadock	Michigan	1720	7	3,276,347	4,695,965	3,749,655	4,310,442	3,417,170	4,252,021
J C Weadock	Michigan	1720	8	5,143,922	3,867,493	3,662,535	3,964,453	4,290,152	4,466,176
J H Campbell	Michigan	1710	1	9,003,579	9,043,157	7,072,270	7,995,200	8,245,758	8,764,165
J H Campbell	Michigan	1710	2	10,481,799	8,985,967	9,569,380	7,816,669	9,603,000	9,884,726
J H Campbell	Michigan	1710	3	24,199,971	24,232,874	28,931,950	25,885,188	23,541,499	26,350,004
J R Whiting	Michigan	1723	1	3,779,903	3,814,841	3,412,326	3,094,505	3,439,702	3,678,149
J R Whiting	Michigan	1723	2	4,078,136	3,648,859	3,365,858	2,961,476	3,221,546	3,697,618
J R Whiting	Michigan	1723	3	4,541,685	4,440,898	3,953,782	3,968	3,617,634	4,312,122
Jackson MI Facility	Michigan	55270	7EA	698,723	998,810	489,279	240,257	842,304	846,612
Jackson MI Facility	Michigan	55270	LM1	204,697	423,957	271,498	96,753	327,516	340,991
Jackson MI Facility	Michigan	55270	LM2	199,577	403,520	262,937	90,056	340,488	335,648
Jackson MI Facility	Michigan	55270	LM3	207,224	419,943	265,325	88,103	318,138	334,469

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Eckert Station	Michigan	1831	4	405,725,128	0.005516	27,480	26,476	152	146
Eckert Station	Michigan	1831	5	405,725,128	0.005850	27,480	26,476	161	155
Eckert Station	Michigan	1831	6	405,725,128	0.005608	27,480	26,476	154	148
Endicott Generating	Michigan	4259	1	405,725,128	0.006323	27,480	26,476	174	167
Erickson	Michigan	1832	1	405,725,128	0.013452	27,480	26,476	370	356
Genesee Power Station	Michigan	54751	01	405,725,128	0.002641	27,480	26,476	73	70
Grayling Generating Station	Michigan	10822	1	405,725,128	0.003385	27,480	26,476	93	90
Greenwood	Michigan	6035	1	405,725,128	0.008407	27,480	26,476	231	223
Greenwood	Michigan	6035	CTG111	405,725,128	0.000482	27,480	26,476	13	13
Greenwood	Michigan	6035	CTG112	405,725,128	0.000501	27,480	26,476	14	13
Greenwood	Michigan	6035	CTG121	405,725,128	0.000511	27,480	26,476	14	14
Hancock Peakers	Michigan	1730	CTG121	405,725,128	0.000028	27,480	26,476	1	1
Hancock Peakers	Michigan	1730	CTG122	405,725,128	0.000031	27,480	26,476	1	1
Harbor Beach	Michigan	1731	1	405,725,128	0.002575	27,480	26,476	71	68
J B Sims	Michigan	1825	3	405,725,128	0.004551	27,480	26,476	125	121
J C Weadock	Michigan	1720	7	405,725,128	0.010480	27,480	26,476	288	277
J C Weadock	Michigan	1720	8	405,725,128	0.011008	27,480	26,476	302	291
J H Campbell	Michigan	1710	1	405,725,128	0.021601	27,480	26,476	594	572
J H Campbell	Michigan	1710	2	405,725,128	0.024363	27,480	26,476	669	645
J H Campbell	Michigan	1710	3	405,725,128	0.064945	27,480	26,476	1,785	1,719
J R Whiting	Michigan	1723	1	405,725,128	0.009066	27,480	26,476	249	240
J R Whiting	Michigan	1723	2	405,725,128	0.009114	27,480	26,476	250	241
J R Whiting	Michigan	1723	3	405,725,128	0.010628	27,480	26,476	292	281
Jackson MI Facility	Michigan	55270	7EA	405,725,128	0.002087	27,480	26,476	57	55
Jackson MI Facility	Michigan	55270	LM1	405,725,128	0.000840	27,480	26,476	23	22
Jackson MI Facility	Michigan	55270	LM2	405,725,128	0.000827	27,480	26,476	23	22
Jackson MI Facility	Michigan	55270	LM3	405,725,128	0.000824	27,480	26,476	23	22

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Eckert Station	Michigan	1831	4	315	215	166	242	225	221
Eckert Station	Michigan	1831	5	207	196	200	261	158	237
Eckert Station	Michigan	1831	6	245	220	220	218	249	206
Endicott Generating	Michigan	4259	1	317	261	263	213	241	215
Erickson	Michigan	1832	1	857	580	461	496	574	499
Genesee Power Station	Michigan	54751	01						113
Grayling Generating Station	Michigan	10822	1						109
Greenwood	Michigan	6035	1	228	252	380	177	187	150
Greenwood	Michigan	6035	CTG111	1	0	7	2	4	1
Greenwood	Michigan	6035	CTG112	1	0	6	2	4	1
Greenwood	Michigan	6035	CTG121	1	0	3	2	5	1
Hancock Peakers	Michigan	1730	CTG121		2	7	6	0	1
Hancock Peakers	Michigan	1730	CTG122		2	2	8	0	1
Harbor Beach	Michigan	1731	1	402	185	440	299	5	322
J B Sims	Michigan	1825	3	322	184	237	198	217	189
J C Weadock	Michigan	1720	7	877	306	797	502	792	636
J C Weadock	Michigan	1720	8	824	806	743	782	668	628
J H Campbell	Michigan	1710	1	730	711	1,114	1,126	1,044	899
J H Campbell	Michigan	1710	2	1,510	1,235	1,367	1,380	1,134	1,309
J H Campbell	Michigan	1710	3	4,900	3,522	4,448	5,939	1,757	1,011
J R Whiting	Michigan	1723	1	496	364	429	438	465	408
J R Whiting	Michigan	1723	2	456	398	460	497	439	410
J R Whiting	Michigan	1723	3	569	501	377	513	514	454
Jackson MI Facility	Michigan	55270	7EA	4	2	11	12	14	7
Jackson MI Facility	Michigan	55270	LM1	4	2	7	9	17	10
Jackson MI Facility	Michigan	55270	LM2	3	1	8	9	16	10
Jackson MI Facility	Michigan	55270	LM3	3	1	10	9	16	10

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Eckert Station	Michigan	1831	4	114	0	315			
Eckert Station	Michigan	1831	5	130	240	261			
Eckert Station	Michigan	1831	6	168	246	249			
Endicott Generating	Michigan	4259	1	182	297	317			
Erickson	Michigan	1832	1	463	534	857			
Genesee Power Station	Michigan	54751	01	67	92	113			
Grayling Generating Station	Michigan	10822	1	83	102	109			
Greenwood	Michigan	6035	1	48	227	380			
Greenwood	Michigan	6035	CTG111	1	2	7			
Greenwood	Michigan	6035	CTG112	1	3	6			
Greenwood	Michigan	6035	CTG121	1	2	5			
Hancock Peakers	Michigan	1730	CTG121	0	4	7			
Hancock Peakers	Michigan	1730	CTG122	0	4	8			
Harbor Beach	Michigan	1731	1	170	311	440			
J B Sims	Michigan	1825	3	122	213	322			
J C Weadock	Michigan	1720	7	756	506	877			
J C Weadock	Michigan	1720	8	670	702	824			
J H Campbell	Michigan	1710	1	652	693	1,126			
J H Campbell	Michigan	1710	2	1,296	1,517	1,517			
J H Campbell	Michigan	1710	3	1,527	805	5,939			
J R Whiting	Michigan	1723	1	350	420	496			
J R Whiting	Michigan	1723	2	357	390	497			
J R Whiting	Michigan	1723	3	0	407	569			
Jackson MI Facility	Michigan	55270	7EA	4	14	14			
Jackson MI Facility	Michigan	55270	LM1	4	13	17			
Jackson MI Facility	Michigan	55270	LM2	4	13	16			
Jackson MI Facility	Michigan	55270	LM3	4	12	16			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Eckert Station	Michigan	1831	4					
Eckert Station	Michigan	1831	5					
Eckert Station	Michigan	1831	6					
Endicott Generating	Michigan	4259	1					
Erickson	Michigan	1832	1					
Genesee Power Station	Michigan	54751	01					
Grayling Generating Station	Michigan	10822	1					
Greenwood	Michigan	6035	1					
Greenwood	Michigan	6035	CTG111					
Greenwood	Michigan	6035	CTG112					
Greenwood	Michigan	6035	CTG121					
Hancock Peakers	Michigan	1730	CTG121					
Hancock Peakers	Michigan	1730	CTG122					
Harbor Beach	Michigan	1731	1					
J B Sims	Michigan	1825	3					
J C Weadock	Michigan	1720	7					
J C Weadock	Michigan	1720	8					
J H Campbell	Michigan	1710	1					
J H Campbell	Michigan	1710	2					
J H Campbell	Michigan	1710	3					
J R Whiting	Michigan	1723	1					
J R Whiting	Michigan	1723	2					
J R Whiting	Michigan	1723	3					
Jackson MI Facility	Michigan	55270	7EA					
Jackson MI Facility	Michigan	55270	LM1					
Jackson MI Facility	Michigan	55270	LM2					
Jackson MI Facility	Michigan	55270	LM3					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Eckert Station	Michigan	1831	4					Y
Eckert Station	Michigan	1831	5					Y
Eckert Station	Michigan	1831	6					Y
Endicott Generating	Michigan	4259	1					Y
Erickson	Michigan	1832	1					Y
Genesee Power Station	Michigan	54751	01					Y
Grayling Generating Station	Michigan	10822	1					Y
Greenwood	Michigan	6035	1					Y
Greenwood	Michigan	6035	CTG111					Y
Greenwood	Michigan	6035	CTG112					Y
Greenwood	Michigan	6035	CTG121					Y
Hancock Peakers	Michigan	1730	CTG121					Y
Hancock Peakers	Michigan	1730	CTG122					Y
Harbor Beach	Michigan	1731	1					Y
J B Sims	Michigan	1825	3					Y
J C Weadock	Michigan	1720	7					Y
J C Weadock	Michigan	1720	8					Y
J H Campbell	Michigan	1710	1					Y
J H Campbell	Michigan	1710	2					Y
J H Campbell	Michigan	1710	3					Y
J R Whiting	Michigan	1723	1					Y
J R Whiting	Michigan	1723	2					Y
J R Whiting	Michigan	1723	3					Y
Jackson MI Facility	Michigan	55270	7EA					Y
Jackson MI Facility	Michigan	55270	LM1					Y
Jackson MI Facility	Michigan	55270	LM2					Y
Jackson MI Facility	Michigan	55270	LM3					Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Eckert Station	Michigan	1831	4	Y		Y		
Eckert Station	Michigan	1831	5	Y		Y		
Eckert Station	Michigan	1831	6	Y		Y		
Endicott Generating	Michigan	4259	1	Y		Y		
Erickson	Michigan	1832	1	Y		Y		
Genesee Power Station	Michigan	54751	01	Y		Y		
Grayling Generating Station	Michigan	10822	1	Y		Y		
Greenwood	Michigan	6035	1	Y		Y		
Greenwood	Michigan	6035	CTG111	Y		Y		
Greenwood	Michigan	6035	CTG112	Y		Y		
Greenwood	Michigan	6035	CTG121	Y		Y		
Hancock Peakers	Michigan	1730	CTG121	Y		Y		
Hancock Peakers	Michigan	1730	CTG122	Y		Y		
Harbor Beach	Michigan	1731	1	Y		Y		
J B Sims	Michigan	1825	3	Y		Y		
J C Weadock	Michigan	1720	7	Y		Y		
J C Weadock	Michigan	1720	8	Y		Y		
J H Campbell	Michigan	1710	1	Y		Y		
J H Campbell	Michigan	1710	2	Y		Y		
J H Campbell	Michigan	1710	3	Y		Y		
J R Whiting	Michigan	1723	1	Y		Y		
J R Whiting	Michigan	1723	2	Y		Y		
J R Whiting	Michigan	1723	3	Y		Y		
Jackson MI Facility	Michigan	55270	7EA	Y		Y		
Jackson MI Facility	Michigan	55270	LM1	Y		Y		
Jackson MI Facility	Michigan	55270	LM2	Y		Y		
Jackson MI Facility	Michigan	55270	LM3	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Jackson MI Facility	Michigan	55270	LM4	4380	339,919	724,855	539,173	365,449	645,499
Jackson MI Facility	Michigan	55270	LM5	4381	351,805	715,369	523,419	347,932	613,620
Jackson MI Facility	Michigan	55270	LM6	4382	321,519	700,593	530,369	341,329	623,100
James De Young	Michigan	1830	5	1214	1,620,920	1,693,661	1,735,705	1,102,283	1,251,836
Kalamazoo River Generating Station	Michigan	55101	1	3894	61,020	37,806	7,846	43,467	94,832
Kalkaska Ct Project #1	Michigan	7984	1A	9291	36,423	116,575	28,131	59,232	138,441
Kalkaska Ct Project #1	Michigan	7984	1B	9292	34,308	126,439	28,986	60,829	115,577
Livingston Generating Station	Michigan	55102	1	3895	18,032	57,255	4,011	220,954	72,114
Livingston Generating Station	Michigan	55102	2	3896	36,811	52,304	15,838	126,023	13,649
Livingston Generating Station	Michigan	55102	3	3897	77,263	86,476	5,026	253,114	161,516
Livingston Generating Station	Michigan	55102	4	3898	25,463	23,940	1,832	223,902	60,790
Michigan Power Limited Partnership	Michigan	54915	1	3811	10,317,844	6,887,086	7,722,454	9,960,582	9,925,008
Midland Cogeneration Venture	Michigan	10745	003	88567	2,200,368	1,917,704	2,588,452	1,860,877	2,348,743
Midland Cogeneration Venture	Michigan	10745	004	88568	830,930	2,084,065	2,942,405	1,630,078	2,464,868
Midland Cogeneration Venture	Michigan	10745	005	88569	1,647,232	3,271,292	2,109,040	833,254	1,361,985
Midland Cogeneration Venture	Michigan	10745	006	88570	3,224,784	3,979,148	2,460,354	2,138,510	3,398,708
Midland Cogeneration Venture	Michigan	10745	007	88571	1,578,383	2,176,692	2,188,790	1,454,453	2,269,318
Midland Cogeneration Venture	Michigan	10745	008	88572	1,216,056	3,789,682	4,728,781	2,014,389	2,337,805
Midland Cogeneration Venture	Michigan	10745	009	88573	1,903,188	2,314,033	2,251,797	1,537,132	2,077,234
Midland Cogeneration Venture	Michigan	10745	010	88574	1,103,540	3,161,536	4,405,354	2,131,337	3,136,059
Midland Cogeneration Venture	Michigan	10745	011	88575	1,869,178	3,225,134	2,599,769	2,078,651	1,742,121
Midland Cogeneration Venture	Michigan	10745	012	88576	2,972,195	4,981,331	7,633,390	5,811,880	8,111,184
Midland Cogeneration Venture	Michigan	10745	013	88577	1,638,138	2,522,302	3,462,077	2,307,956	2,132,691
Midland Cogeneration Venture	Michigan	10745	014	88578	3,171,952	2,850,214	3,787,614	2,911,228	2,507,834
Midland Cogeneration Venture	Michigan	10745	016	90327				1,409,468	519,781
Midland Cogeneration Venture	Michigan	10745	017	90328				1,366,151	710,802
Midland Cogeneration Venture	Michigan	10745	018	90329				1,156,187	549,368

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Jackson MI Facility	Michigan	55270	LM4	636,509	894,745,311	0.000711	224,717	141,115
Jackson MI Facility	Michigan	55270	LM5	617,469	894,745,311	0.000690	224,717	141,115
Jackson MI Facility	Michigan	55270	LM6	618,021	894,745,311	0.000691	224,717	141,115
James De Young	Michigan	1830	5	1,683,429	894,745,311	0.001881	224,717	141,115
Kalamazoo River Generating Station	Michigan	55101	1	66,440	894,745,311	0.000074	224,717	141,115
Kalkaska Ct Project #1	Michigan	7984	1A	104,750	894,745,311	0.000117	224,717	141,115
Kalkaska Ct Project #1	Michigan	7984	1B	100,948	894,745,311	0.000113	224,717	141,115
Livingston Generating Station	Michigan	55102	1	116,774	894,745,311	0.000131	224,717	141,115
Livingston Generating Station	Michigan	55102	2	71,712	894,745,311	0.000080	224,717	141,115
Livingston Generating Station	Michigan	55102	3	167,035	894,745,311	0.000187	224,717	141,115
Livingston Generating Station	Michigan	55102	4	103,385	894,745,311	0.000116	224,717	141,115
Michigan Power Limited Partnership	Michigan	54915	1	10,067,812	894,745,311	0.011252	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	003	2,379,188	894,745,311	0.002659	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	004	2,497,113	894,745,311	0.002791	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	005	2,342,521	894,745,311	0.002618	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	006	3,534,213	894,745,311	0.003950	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	007	2,211,600	894,745,311	0.002472	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	008	3,618,756	894,745,311	0.004044	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	009	2,214,355	894,745,311	0.002475	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	010	3,567,650	894,745,311	0.003987	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	011	2,634,518	894,745,311	0.002944	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	012	7,185,484	894,745,311	0.008031	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	013	2,764,112	894,745,311	0.003089	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	014	3,290,265	894,745,311	0.003677	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	016	964,625	894,745,311	0.001078	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	017	1,038,476	894,745,311	0.001161	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	018	852,777	894,745,311	0.000953	224,717	141,115

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Jackson MI Facility	Michigan	55270	LM4	64,113	61,779	160	100	46	44
Jackson MI Facility	Michigan	55270	LM5	64,113	61,779	155	97	44	43
Jackson MI Facility	Michigan	55270	LM6	64,113	61,779	155	97	44	43
James De Young	Michigan	1830	5	64,113	61,779	423	266	121	116
Kalamazoo River Generating Station	Michigan	55101	1	64,113	61,779	17	10	5	5
Kalkaska Ct Project #1	Michigan	7984	1A	64,113	61,779	26	17	8	7
Kalkaska Ct Project #1	Michigan	7984	1B	64,113	61,779	25	16	7	7
Livingston Generating Station	Michigan	55102	1	64,113	61,779	29	18	8	8
Livingston Generating Station	Michigan	55102	2	64,113	61,779	18	11	5	5
Livingston Generating Station	Michigan	55102	3	64,113	61,779	42	26	12	12
Livingston Generating Station	Michigan	55102	4	64,113	61,779	26	16	7	7
Michigan Power Limited Partnership	Michigan	54915	1	64,113	61,779	2,529	1,588	721	695
Midland Cogeneration Venture	Michigan	10745	003	64,113	61,779	598	375	170	164
Midland Cogeneration Venture	Michigan	10745	004	64,113	61,779	627	394	179	172
Midland Cogeneration Venture	Michigan	10745	005	64,113	61,779	588	369	168	162
Midland Cogeneration Venture	Michigan	10745	006	64,113	61,779	888	557	253	244
Midland Cogeneration Venture	Michigan	10745	007	64,113	61,779	555	349	158	153
Midland Cogeneration Venture	Michigan	10745	008	64,113	61,779	909	571	259	250
Midland Cogeneration Venture	Michigan	10745	009	64,113	61,779	556	349	159	153
Midland Cogeneration Venture	Michigan	10745	010	64,113	61,779	896	563	256	246
Midland Cogeneration Venture	Michigan	10745	011	64,113	61,779	662	416	189	182
Midland Cogeneration Venture	Michigan	10745	012	64,113	61,779	1,805	1,133	515	496
Midland Cogeneration Venture	Michigan	10745	013	64,113	61,779	694	436	198	191
Midland Cogeneration Venture	Michigan	10745	014	64,113	61,779	826	519	236	227
Midland Cogeneration Venture	Michigan	10745	016	64,113	61,779	242	152	69	67
Midland Cogeneration Venture	Michigan	10745	017	64,113	61,779	261	164	74	72
Midland Cogeneration Venture	Michigan	10745	018	64,113	61,779	214	134	61	59

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Jackson MI Facility	Michigan	55270	LM4	0	0	0	0	0	0
Jackson MI Facility	Michigan	55270	LM5	0	0	0	0	0	0
Jackson MI Facility	Michigan	55270	LM6	0	0	0	0	0	0
James De Young	Michigan	1830	5	1,582	1,299	874	792	785	1,115
Kalamazoo River Generating Station	Michigan	55101	1	0	0	0	0	0	0
Kalkaska Ct Project #1	Michigan	7984	1A	0	0	0	0	0	0
Kalkaska Ct Project #1	Michigan	7984	1B	0	0	0	0	0	0
Livingston Generating Station	Michigan	55102	1	0	0	0	0	0	0
Livingston Generating Station	Michigan	55102	2	0	0	0	0	0	0
Livingston Generating Station	Michigan	55102	3	0	0	0	0	0	0
Livingston Generating Station	Michigan	55102	4	0	0	0	0	0	0
Michigan Power Limited Partnership	Michigan	54915	1	3	3	3	3	2	2
Midland Cogeneration Venture	Michigan	10745	003						
Midland Cogeneration Venture	Michigan	10745	004						
Midland Cogeneration Venture	Michigan	10745	005						
Midland Cogeneration Venture	Michigan	10745	006						
Midland Cogeneration Venture	Michigan	10745	007						
Midland Cogeneration Venture	Michigan	10745	008						
Midland Cogeneration Venture	Michigan	10745	009						
Midland Cogeneration Venture	Michigan	10745	010						
Midland Cogeneration Venture	Michigan	10745	011						
Midland Cogeneration Venture	Michigan	10745	012						
Midland Cogeneration Venture	Michigan	10745	013						
Midland Cogeneration Venture	Michigan	10745	014						
Midland Cogeneration Venture	Michigan	10745	016						
Midland Cogeneration Venture	Michigan	10745	017						
Midland Cogeneration Venture	Michigan	10745	018						

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Jackson MI Facility	Michigan	55270	LM4	0	0	0			
Jackson MI Facility	Michigan	55270	LM5	0	0	0			
Jackson MI Facility	Michigan	55270	LM6	0	0	0			
James De Young	Michigan	1830	5	654	618	1,582			
Kalamazoo River Generating Station	Michigan	55101	1	0	0	0			
Kalkaska Ct Project #1	Michigan	7984	1A	0	0	0			
Kalkaska Ct Project #1	Michigan	7984	1B	0	0	0			
Livingston Generating Station	Michigan	55102	1	0	0	0			
Livingston Generating Station	Michigan	55102	2	0	0	0			
Livingston Generating Station	Michigan	55102	3	0	0	0			
Livingston Generating Station	Michigan	55102	4	0	0	0			
Michigan Power Limited Partnership	Michigan	54915	1	3	3	3			
Midland Cogeneration Venture	Michigan	10745	003	1	1	1			
Midland Cogeneration Venture	Michigan	10745	004	0	1	1			
Midland Cogeneration Venture	Michigan	10745	005	0	0	0			
Midland Cogeneration Venture	Michigan	10745	006	1	1	1			
Midland Cogeneration Venture	Michigan	10745	007	0	1	1			
Midland Cogeneration Venture	Michigan	10745	008	1	1	1			
Midland Cogeneration Venture	Michigan	10745	009	0	1	1			
Midland Cogeneration Venture	Michigan	10745	010	1	1	1			
Midland Cogeneration Venture	Michigan	10745	011	1	1	1			
Midland Cogeneration Venture	Michigan	10745	012	2	2	2			
Midland Cogeneration Venture	Michigan	10745	013	1	1	1			
Midland Cogeneration Venture	Michigan	10745	014	1	1	1			
Midland Cogeneration Venture	Michigan	10745	016	0	0	0			
Midland Cogeneration Venture	Michigan	10745	017	0	0	0			
Midland Cogeneration Venture	Michigan	10745	018	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Jackson MI Facility	Michigan	55270	LM4				4	2	9
Jackson MI Facility	Michigan	55270	LM5				4	2	12
Jackson MI Facility	Michigan	55270	LM6				4	1	9
James De Young	Michigan	1830	5				500	419	383
Kalamazoo River Generating Station	Michigan	55101	1				1	2	4
Kalkaska Ct Project #1	Michigan	7984	1A				2	4	1
Kalkaska Ct Project #1	Michigan	7984	1B				2	3	2
Livingston Generating Station	Michigan	55102	1				2	2	11
Livingston Generating Station	Michigan	55102	2				3	2	12
Livingston Generating Station	Michigan	55102	3				2	1	14
Livingston Generating Station	Michigan	55102	4				2	2	10
Michigan Power Limited Partnership	Michigan	54915	1				200	186	210
Midland Cogeneration Venture	Michigan	10745	003				138	161	189
Midland Cogeneration Venture	Michigan	10745	004				107	166	149
Midland Cogeneration Venture	Michigan	10745	005				83	133	194
Midland Cogeneration Venture	Michigan	10745	006				112	139	179
Midland Cogeneration Venture	Michigan	10745	007				66	94	61
Midland Cogeneration Venture	Michigan	10745	008				94	156	53
Midland Cogeneration Venture	Michigan	10745	009				122	162	49
Midland Cogeneration Venture	Michigan	10745	010				90	141	79
Midland Cogeneration Venture	Michigan	10745	011				99	189	44
Midland Cogeneration Venture	Michigan	10745	012				72	134	35
Midland Cogeneration Venture	Michigan	10745	013				120	198	111
Midland Cogeneration Venture	Michigan	10745	014				131	206	140
Midland Cogeneration Venture	Michigan	10745	016						
Midland Cogeneration Venture	Michigan	10745	017						
Midland Cogeneration Venture	Michigan	10745	018						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Jackson MI Facility	Michigan	55270	LM4	15	30	22	15	26	30
Jackson MI Facility	Michigan	55270	LM5	15	30	21	14	24	30
Jackson MI Facility	Michigan	55270	LM6	15	29	21	14	25	29
James De Young	Michigan	1830	5	319	383	372	227	264	500
Kalamazoo River Generating Station	Michigan	55101	1	2	1	0	1	2	4
Kalkaska Ct Project #1	Michigan	7984	1A	2	5	1	2	5	5
Kalkaska Ct Project #1	Michigan	7984	1B	1	5	1	2	5	5
Livingston Generating Station	Michigan	55102	1	2	14	1	31	11	31
Livingston Generating Station	Michigan	55102	2	4	6	2	13	1	13
Livingston Generating Station	Michigan	55102	3	9	10	1	31	20	31
Livingston Generating Station	Michigan	55102	4	3	3	0	24	6	24
Michigan Power Limited Partnership	Michigan	54915	1	210	133	133	199	199	210
Midland Cogeneration Venture	Michigan	10745	003	60	99	166	90	135	189
Midland Cogeneration Venture	Michigan	10745	004	44	115	152	91	138	166
Midland Cogeneration Venture	Michigan	10745	005	67	153	100	44	58	194
Midland Cogeneration Venture	Michigan	10745	006	160	233	145	136	186	233
Midland Cogeneration Venture	Michigan	10745	007	78	135	85	56	137	137
Midland Cogeneration Venture	Michigan	10745	008	49	187	253	139	147	253
Midland Cogeneration Venture	Michigan	10745	009	66	59	127	96	130	162
Midland Cogeneration Venture	Michigan	10745	010	57	140	244	73	173	244
Midland Cogeneration Venture	Michigan	10745	011	86	190	119	60	59	190
Midland Cogeneration Venture	Michigan	10745	012	113	178	279	217	375	375
Midland Cogeneration Venture	Michigan	10745	013	86	131	173	131	131	198
Midland Cogeneration Venture	Michigan	10745	014	163	105	144	102	118	206
Midland Cogeneration Venture	Michigan	10745	016				22	8	22
Midland Cogeneration Venture	Michigan	10745	017				22	10	22
Midland Cogeneration Venture	Michigan	10745	018				18	7	18

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Jackson MI Facility	Michigan	55270	LM4						
Jackson MI Facility	Michigan	55270	LM5						
Jackson MI Facility	Michigan	55270	LM6						
James De Young	Michigan	1830	5						
Kalamazoo River Generating Station	Michigan	55101	1						
Kalkaska Ct Project #1	Michigan	7984	1A						
Kalkaska Ct Project #1	Michigan	7984	1B						
Livingston Generating Station	Michigan	55102	1						
Livingston Generating Station	Michigan	55102	2						
Livingston Generating Station	Michigan	55102	3						
Livingston Generating Station	Michigan	55102	4						
Michigan Power Limited Partnership	Michigan	54915	1						
Midland Cogeneration Venture	Michigan	10745	003						
Midland Cogeneration Venture	Michigan	10745	004						
Midland Cogeneration Venture	Michigan	10745	005						
Midland Cogeneration Venture	Michigan	10745	006						
Midland Cogeneration Venture	Michigan	10745	007						
Midland Cogeneration Venture	Michigan	10745	008						
Midland Cogeneration Venture	Michigan	10745	009						
Midland Cogeneration Venture	Michigan	10745	010						
Midland Cogeneration Venture	Michigan	10745	011						
Midland Cogeneration Venture	Michigan	10745	012						
Midland Cogeneration Venture	Michigan	10745	013						
Midland Cogeneration Venture	Michigan	10745	014						
Midland Cogeneration Venture	Michigan	10745	016						
Midland Cogeneration Venture	Michigan	10745	017						
Midland Cogeneration Venture	Michigan	10745	018						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Jackson MI Facility	Michigan	55270	LM4				
Jackson MI Facility	Michigan	55270	LM5				
Jackson MI Facility	Michigan	55270	LM6				
James De Young	Michigan	1830	5				
Kalamazoo River Generating Station	Michigan	55101	1				
Kalkaska Ct Project #1	Michigan	7984	1A				
Kalkaska Ct Project #1	Michigan	7984	1B				
Livingston Generating Station	Michigan	55102	1				
Livingston Generating Station	Michigan	55102	2				
Livingston Generating Station	Michigan	55102	3				
Livingston Generating Station	Michigan	55102	4				
Michigan Power Limited Partnership	Michigan	54915	1				
Midland Cogeneration Venture	Michigan	10745	003				
Midland Cogeneration Venture	Michigan	10745	004				
Midland Cogeneration Venture	Michigan	10745	005				
Midland Cogeneration Venture	Michigan	10745	006				
Midland Cogeneration Venture	Michigan	10745	007				
Midland Cogeneration Venture	Michigan	10745	008				
Midland Cogeneration Venture	Michigan	10745	009				
Midland Cogeneration Venture	Michigan	10745	010				
Midland Cogeneration Venture	Michigan	10745	011				
Midland Cogeneration Venture	Michigan	10745	012				
Midland Cogeneration Venture	Michigan	10745	013				
Midland Cogeneration Venture	Michigan	10745	014				
Midland Cogeneration Venture	Michigan	10745	016				
Midland Cogeneration Venture	Michigan	10745	017				
Midland Cogeneration Venture	Michigan	10745	018				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Jackson MI Facility	Michigan	55270	LM4			30	30
Jackson MI Facility	Michigan	55270	LM5			30	30
Jackson MI Facility	Michigan	55270	LM6			29	29
James De Young	Michigan	1830	5			127	127
Kalamazoo River Generating Station	Michigan	55101	1			4	4
Kalkaska Ct Project #1	Michigan	7984	1A			5	5
Kalkaska Ct Project #1	Michigan	7984	1B			5	5
Livingston Generating Station	Michigan	55102	1			9	9
Livingston Generating Station	Michigan	55102	2			5	5
Livingston Generating Station	Michigan	55102	3			13	13
Livingston Generating Station	Michigan	55102	4			8	8
Michigan Power Limited Partnership	Michigan	54915	1			210	210
Midland Cogeneration Venture	Michigan	10745	003			179	179
Midland Cogeneration Venture	Michigan	10745	004			166	166
Midland Cogeneration Venture	Michigan	10745	005			176	176
Midland Cogeneration Venture	Michigan	10745	006			233	233
Midland Cogeneration Venture	Michigan	10745	007			137	137
Midland Cogeneration Venture	Michigan	10745	008			253	253
Midland Cogeneration Venture	Michigan	10745	009			162	162
Midland Cogeneration Venture	Michigan	10745	010			244	244
Midland Cogeneration Venture	Michigan	10745	011			190	190
Midland Cogeneration Venture	Michigan	10745	012			375	375
Midland Cogeneration Venture	Michigan	10745	013			198	198
Midland Cogeneration Venture	Michigan	10745	014			206	206
Midland Cogeneration Venture	Michigan	10745	016			22	22
Midland Cogeneration Venture	Michigan	10745	017			22	22
Midland Cogeneration Venture	Michigan	10745	018			18	18

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Jackson MI Facility	Michigan	55270	LM4	30	30	30	30
Jackson MI Facility	Michigan	55270	LM5	30	30	30	30
Jackson MI Facility	Michigan	55270	LM6	29	29	29	29
James De Young	Michigan	1830	5	122	122	122	122
Kalamazoo River Generating Station	Michigan	55101	1	4	4	4	4
Kalkaska Ct Project #1	Michigan	7984	1A	5	5	5	5
Kalkaska Ct Project #1	Michigan	7984	1B	5	5	5	5
Livingston Generating Station	Michigan	55102	1	8	8	8	8
Livingston Generating Station	Michigan	55102	2	5	5	5	5
Livingston Generating Station	Michigan	55102	3	12	12	12	12
Livingston Generating Station	Michigan	55102	4	7	7	7	7
Michigan Power Limited Partnership	Michigan	54915	1	210	210	210	210
Midland Cogeneration Venture	Michigan	10745	003	172	172	172	172
Midland Cogeneration Venture	Michigan	10745	004	166	166	166	166
Midland Cogeneration Venture	Michigan	10745	005	170	170	170	170
Midland Cogeneration Venture	Michigan	10745	006	233	233	233	233
Midland Cogeneration Venture	Michigan	10745	007	137	137	137	137
Midland Cogeneration Venture	Michigan	10745	008	253	253	253	253
Midland Cogeneration Venture	Michigan	10745	009	160	160	160	160
Midland Cogeneration Venture	Michigan	10745	010	244	244	244	244
Midland Cogeneration Venture	Michigan	10745	011	190	190	190	190
Midland Cogeneration Venture	Michigan	10745	012	375	375	375	375
Midland Cogeneration Venture	Michigan	10745	013	198	198	198	198
Midland Cogeneration Venture	Michigan	10745	014	206	206	206	206
Midland Cogeneration Venture	Michigan	10745	016	22	22	22	22
Midland Cogeneration Venture	Michigan	10745	017	22	22	22	22
Midland Cogeneration Venture	Michigan	10745	018	18	18	18	18

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Jackson MI Facility	Michigan	55270	LM4	202,235	421,583	261,474	95,935	347,887	343,648
Jackson MI Facility	Michigan	55270	LM5	204,737	423,857	263,332	90,542	343,721	343,637
Jackson MI Facility	Michigan	55270	LM6	192,626	406,473	264,426	94,330	341,246	337,382
James De Young	Michigan	1830	5	646,379	527,645	692,102	554,141	310,764	630,874
Kalamazoo River Generating Station	Michigan	55101	1	57,939	24,502	5,865	21,398	92,411	58,284
Kalkaska Ct Project #1	Michigan	7984	1A	25,244	90,032	17,619	24,559	110,980	75,418
Kalkaska Ct Project #1	Michigan	7984	1B	24,115	91,460	17,251	25,303	111,428	76,064
Livingston Generating Station	Michigan	55102	1	9,746	12,032	2,717	26,169	57,872	32,024
Livingston Generating Station	Michigan	55102	2	28,975	22,930	15,838	111,670	8,580	54,525
Livingston Generating Station	Michigan	55102	3	32,106	33,231	4,964	106,873	69,033	69,712
Livingston Generating Station	Michigan	55102	4	24,945	11,541	1,137	97,612	32,532	51,697
Michigan Power Limited Partnership	Michigan	54915	1	4,193,022	1,509,642	3,596,057	4,099,301	3,811,855	4,034,726
Midland Cogeneration Venture	Michigan	10745	003	2,200,368	1,263,725	1,022,106	882,272	1,442,519	1,635,538
Midland Cogeneration Venture	Michigan	10745	004	830,930	1,339,771	1,160,984	779,850	1,306,602	1,269,119
Midland Cogeneration Venture	Michigan	10745	005	1,647,232	1,823,817	713,273	474,057	748,494	1,406,514
Midland Cogeneration Venture	Michigan	10745	006	3,224,784	2,429,427	898,683	902,468	1,578,074	2,410,762
Midland Cogeneration Venture	Michigan	10745	007	1,578,383	1,176,442	979,666	739,935	1,319,556	1,358,127
Midland Cogeneration Venture	Michigan	10745	008	1,216,056	1,920,488	2,058,960	917,802	1,361,094	1,780,181
Midland Cogeneration Venture	Michigan	10745	009	1,903,188	1,359,230	636,698	652,514	1,050,537	1,437,652
Midland Cogeneration Venture	Michigan	10745	010	1,103,540	2,451,310	1,966,070	1,066,673	1,413,056	1,943,479
Midland Cogeneration Venture	Michigan	10745	011	1,869,178	2,180,030	943,199	925,188	1,213,107	1,754,105
Midland Cogeneration Venture	Michigan	10745	012	2,972,195	2,798,733	3,500,701	1,947,820	3,118,563	3,197,153
Midland Cogeneration Venture	Michigan	10745	013	1,638,138	1,645,401	2,004,145	1,098,553	1,359,011	1,762,561
Midland Cogeneration Venture	Michigan	10745	014	3,171,952	2,075,775	1,252,887	1,108,957	1,415,802	2,221,177
Midland Cogeneration Venture	Michigan	10745	016				566,746	64,729	315,738
Midland Cogeneration Venture	Michigan	10745	017				597,925	215,330	406,628
Midland Cogeneration Venture	Michigan	10745	018				549,076	227,616	388,346

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Jackson MI Facility	Michigan	55270	LM4	405,725,128	0.000847	27,480	26,476	23	22
Jackson MI Facility	Michigan	55270	LM5	405,725,128	0.000847	27,480	26,476	23	22
Jackson MI Facility	Michigan	55270	LM6	405,725,128	0.000832	27,480	26,476	23	22
James De Young	Michigan	1830	5	405,725,128	0.001555	27,480	26,476	43	41
Kalamazoo River Generating Station	Michigan	55101	1	405,725,128	0.000144	27,480	26,476	4	4
Kalkaska Ct Project #1	Michigan	7984	1A	405,725,128	0.000186	27,480	26,476	5	5
Kalkaska Ct Project #1	Michigan	7984	1B	405,725,128	0.000187	27,480	26,476	5	5
Livingston Generating Station	Michigan	55102	1	405,725,128	0.000079	27,480	26,476	2	2
Livingston Generating Station	Michigan	55102	2	405,725,128	0.000134	27,480	26,476	4	4
Livingston Generating Station	Michigan	55102	3	405,725,128	0.000172	27,480	26,476	5	5
Livingston Generating Station	Michigan	55102	4	405,725,128	0.000127	27,480	26,476	4	3
Michigan Power Limited Partnership	Michigan	54915	1	405,725,128	0.009944	27,480	26,476	273	263
Midland Cogeneration Venture	Michigan	10745	003	405,725,128	0.004031	27,480	26,476	111	107
Midland Cogeneration Venture	Michigan	10745	004	405,725,128	0.003128	27,480	26,476	86	83
Midland Cogeneration Venture	Michigan	10745	005	405,725,128	0.003467	27,480	26,476	95	92
Midland Cogeneration Venture	Michigan	10745	006	405,725,128	0.005942	27,480	26,476	163	157
Midland Cogeneration Venture	Michigan	10745	007	405,725,128	0.003347	27,480	26,476	92	89
Midland Cogeneration Venture	Michigan	10745	008	405,725,128	0.004388	27,480	26,476	121	116
Midland Cogeneration Venture	Michigan	10745	009	405,725,128	0.003543	27,480	26,476	97	94
Midland Cogeneration Venture	Michigan	10745	010	405,725,128	0.004790	27,480	26,476	132	127
Midland Cogeneration Venture	Michigan	10745	011	405,725,128	0.004323	27,480	26,476	119	114
Midland Cogeneration Venture	Michigan	10745	012	405,725,128	0.007880	27,480	26,476	217	209
Midland Cogeneration Venture	Michigan	10745	013	405,725,128	0.004344	27,480	26,476	119	115
Midland Cogeneration Venture	Michigan	10745	014	405,725,128	0.005475	27,480	26,476	150	145
Midland Cogeneration Venture	Michigan	10745	016	405,725,128	0.000778	27,480	26,476	21	21
Midland Cogeneration Venture	Michigan	10745	017	405,725,128	0.001002	27,480	26,476	28	27
Midland Cogeneration Venture	Michigan	10745	018	405,725,128	0.000957	27,480	26,476	26	25

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Jackson MI Facility	Michigan	55270	LM4	3	2	7	9	16	10
Jackson MI Facility	Michigan	55270	LM5	4	1	10	9	16	10
Jackson MI Facility	Michigan	55270	LM6	4	1	8	8	16	10
James De Young	Michigan	1830	5	199	163	172	125	128	149
Kalamazoo River Generating Station	Michigan	55101	1	1	1	4	2	1	0
Kalkaska Ct Project #1	Michigan	7984	1A	1	1	1	1	4	1
Kalkaska Ct Project #1	Michigan	7984	1B	2	1	1	1	4	1
Livingston Generating Station	Michigan	55102	1	2	2	10	1	1	0
Livingston Generating Station	Michigan	55102	2	3	2	12	3	3	2
Livingston Generating Station	Michigan	55102	3	2	1	13	4	4	1
Livingston Generating Station	Michigan	55102	4	2	2	10	3	1	0
Michigan Power Limited Partnership	Michigan	54915	1	79	75	80	82	28	61
Midland Cogeneration Venture	Michigan	10745	003	138	161	189	60	55	71
Midland Cogeneration Venture	Michigan	10745	004	107	166	149	44	73	56
Midland Cogeneration Venture	Michigan	10745	005	83	133	194	67	86	26
Midland Cogeneration Venture	Michigan	10745	006	112	139	179	160	151	54
Midland Cogeneration Venture	Michigan	10745	007	66	94	61	78	78	37
Midland Cogeneration Venture	Michigan	10745	008	94	156	53	49	100	106
Midland Cogeneration Venture	Michigan	10745	009	122	162	49	66	37	41
Midland Cogeneration Venture	Michigan	10745	010	90	141	79	57	96	99
Midland Cogeneration Venture	Michigan	10745	011	99	189	44	86	134	45
Midland Cogeneration Venture	Michigan	10745	012	72	134	35	113	96	118
Midland Cogeneration Venture	Michigan	10745	013	120	198	111	86	86	90
Midland Cogeneration Venture	Michigan	10745	014	131	206	140	163	77	50
Midland Cogeneration Venture	Michigan	10745	016						
Midland Cogeneration Venture	Michigan	10745	017						
Midland Cogeneration Venture	Michigan	10745	018						

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Jackson MI Facility	Michigan	55270	LM4	4	14	16			
Jackson MI Facility	Michigan	55270	LM5	4	13	16			
Jackson MI Facility	Michigan	55270	LM6	4	13	16			
James De Young	Michigan	1830	5	112	65	199			
Kalamazoo River Generating Station	Michigan	55101	1	1	2	4			
Kalkaska Ct Project #1	Michigan	7984	1A	1	4	4			
Kalkaska Ct Project #1	Michigan	7984	1B	1	4	4			
Livingston Generating Station	Michigan	55102	1	4	9	10			
Livingston Generating Station	Michigan	55102	2	12	1	12			
Livingston Generating Station	Michigan	55102	3	13	8	13			
Livingston Generating Station	Michigan	55102	4	11	3	11			
Michigan Power Limited Partnership	Michigan	54915	1	85	76	85			
Midland Cogeneration Venture	Michigan	10745	003	38	79	189			
Midland Cogeneration Venture	Michigan	10745	004	35	81	166			
Midland Cogeneration Venture	Michigan	10745	005	22	27	194			
Midland Cogeneration Venture	Michigan	10745	006	54	82	179			
Midland Cogeneration Venture	Michigan	10745	007	25	75	94			
Midland Cogeneration Venture	Michigan	10745	008	49	89	156			
Midland Cogeneration Venture	Michigan	10745	009	37	61	162			
Midland Cogeneration Venture	Michigan	10745	010	28	82	141			
Midland Cogeneration Venture	Michigan	10745	011	18	43	189			
Midland Cogeneration Venture	Michigan	10745	012	62	158	158			
Midland Cogeneration Venture	Michigan	10745	013	55	74	198			
Midland Cogeneration Venture	Michigan	10745	014	40	64	206			
Midland Cogeneration Venture	Michigan	10745	016	8	1	8			
Midland Cogeneration Venture	Michigan	10745	017	10	3	10			
Midland Cogeneration Venture	Michigan	10745	018	8	3	8			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Jackson MI Facility	Michigan	55270	LM4					
Jackson MI Facility	Michigan	55270	LM5					
Jackson MI Facility	Michigan	55270	LM6					
James De Young	Michigan	1830	5					
Kalamazoo River Generating Station	Michigan	55101	1					
Kalkaska Ct Project #1	Michigan	7984	1A					
Kalkaska Ct Project #1	Michigan	7984	1B					
Livingston Generating Station	Michigan	55102	1					
Livingston Generating Station	Michigan	55102	2					
Livingston Generating Station	Michigan	55102	3					
Livingston Generating Station	Michigan	55102	4					
Michigan Power Limited Partnership	Michigan	54915	1					
Midland Cogeneration Venture	Michigan	10745	003					
Midland Cogeneration Venture	Michigan	10745	004					
Midland Cogeneration Venture	Michigan	10745	005					
Midland Cogeneration Venture	Michigan	10745	006					
Midland Cogeneration Venture	Michigan	10745	007					
Midland Cogeneration Venture	Michigan	10745	008					
Midland Cogeneration Venture	Michigan	10745	009					
Midland Cogeneration Venture	Michigan	10745	010					
Midland Cogeneration Venture	Michigan	10745	011					
Midland Cogeneration Venture	Michigan	10745	012					
Midland Cogeneration Venture	Michigan	10745	013					
Midland Cogeneration Venture	Michigan	10745	014					
Midland Cogeneration Venture	Michigan	10745	016					
Midland Cogeneration Venture	Michigan	10745	017					
Midland Cogeneration Venture	Michigan	10745	018					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Jackson MI Facility	Michigan	55270	LM4					Y
Jackson MI Facility	Michigan	55270	LM5					Y
Jackson MI Facility	Michigan	55270	LM6					Y
James De Young	Michigan	1830	5					Y
Kalamazoo River Generating Station	Michigan	55101	1					Y
Kalkaska Ct Project #1	Michigan	7984	1A					Y
Kalkaska Ct Project #1	Michigan	7984	1B					Y
Livingston Generating Station	Michigan	55102	1					Y
Livingston Generating Station	Michigan	55102	2					Y
Livingston Generating Station	Michigan	55102	3					Y
Livingston Generating Station	Michigan	55102	4					Y
Michigan Power Limited Partnership	Michigan	54915	1					Y
Midland Cogeneration Venture	Michigan	10745	003					Y
Midland Cogeneration Venture	Michigan	10745	004					Y
Midland Cogeneration Venture	Michigan	10745	005					Y
Midland Cogeneration Venture	Michigan	10745	006					Y
Midland Cogeneration Venture	Michigan	10745	007					Y
Midland Cogeneration Venture	Michigan	10745	008					Y
Midland Cogeneration Venture	Michigan	10745	009					Y
Midland Cogeneration Venture	Michigan	10745	010					Y
Midland Cogeneration Venture	Michigan	10745	011					Y
Midland Cogeneration Venture	Michigan	10745	012					Y
Midland Cogeneration Venture	Michigan	10745	013					Y
Midland Cogeneration Venture	Michigan	10745	014					Y
Midland Cogeneration Venture	Michigan	10745	016					Y
Midland Cogeneration Venture	Michigan	10745	017					Y
Midland Cogeneration Venture	Michigan	10745	018					Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Jackson MI Facility	Michigan	55270	LM4	Y		Y		
Jackson MI Facility	Michigan	55270	LM5	Y		Y		
Jackson MI Facility	Michigan	55270	LM6	Y		Y		
James De Young	Michigan	1830	5	Y		Y		
Kalamazoo River Generating Station	Michigan	55101	1	Y		Y		
Kalkaska Ct Project #1	Michigan	7984	1A	Y		Y		
Kalkaska Ct Project #1	Michigan	7984	1B	Y		Y		
Livingston Generating Station	Michigan	55102	1	Y		Y		
Livingston Generating Station	Michigan	55102	2	Y		Y		
Livingston Generating Station	Michigan	55102	3	Y		Y		
Livingston Generating Station	Michigan	55102	4	Y		Y		
Michigan Power Limited Partnership	Michigan	54915	1	Y		Y		
Midland Cogeneration Venture	Michigan	10745	003	Y		Y		
Midland Cogeneration Venture	Michigan	10745	004	Y		Y		
Midland Cogeneration Venture	Michigan	10745	005	Y		Y		
Midland Cogeneration Venture	Michigan	10745	006	Y		Y		
Midland Cogeneration Venture	Michigan	10745	007	Y		Y		
Midland Cogeneration Venture	Michigan	10745	008	Y		Y		
Midland Cogeneration Venture	Michigan	10745	009	Y		Y		
Midland Cogeneration Venture	Michigan	10745	010	Y		Y		
Midland Cogeneration Venture	Michigan	10745	011	Y		Y		
Midland Cogeneration Venture	Michigan	10745	012	Y		Y		
Midland Cogeneration Venture	Michigan	10745	013	Y		Y		
Midland Cogeneration Venture	Michigan	10745	014	Y		Y		
Midland Cogeneration Venture	Michigan	10745	016	Y		Y		
Midland Cogeneration Venture	Michigan	10745	017	Y		Y		
Midland Cogeneration Venture	Michigan	10745	018	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Midland Cogeneration Venture	Michigan	10745	019	90330				1,275,190	509,173
Midland Cogeneration Venture	Michigan	10745	020	90331				948,200	475,586
Midland Cogeneration Venture	Michigan	10745	021	90332				823,378	492,027
Mistersky	Michigan	1822	5	1210	735,124	360,459			
Mistersky	Michigan	1822	6	1211	2,802,515	1,176,357	1,938,721	1,224,041	1,236,482
Mistersky	Michigan	1822	7	1212	284,674	435,438	383,284		
Mistersky	Michigan	1822	GT-1	89364	26,550	14,117	13,032	4,173	4,408
Monroe	Michigan	1733	1	1182	42,467,483	56,074,617	49,238,460	42,412,854	47,856,820
Monroe	Michigan	1733	2	1183	45,938,000	45,747,906	45,747,509	46,265,718	32,317,963
Monroe	Michigan	1733	3	1184	36,650,630	49,887,448	48,476,052	45,698,285	52,101,360
Monroe	Michigan	1733	4	1185	44,553,402	49,141,414	42,471,773	50,368,027	53,786,531
New Covert Generating Project	Michigan	55297	001	4471	2,064,250	2,970,577	1,630,051	2,625,383	5,422,550
New Covert Generating Project	Michigan	55297	002	4472	2,022,632	3,305,266	1,448,549	3,743,905	6,108,795
New Covert Generating Project	Michigan	55297	003	4473	1,888,315	2,821,935	1,705,037	2,171,744	4,479,245
Presque Isle	Michigan	1769	5	1205	5,822,412	5,628,008	5,574,573	4,695,683	4,691,890
Presque Isle	Michigan	1769	6	1206	4,802,605	6,504,210	5,670,465	5,319,335	4,652,364
Presque Isle	Michigan	1769	7	1207	6,480,597	7,037,796	6,245,948	6,227,833	6,169,669
Presque Isle	Michigan	1769	8	1208	6,657,502	6,423,102	7,470,650	6,787,621	7,215,300
Presque Isle	Michigan	1769	9	1209	7,459,353	7,166,273	6,784,491	7,156,042	6,087,682
Renaissance Power	Michigan	55402	CT1	4674	417,568	1,096,477	909,248	831,058	848,515
Renaissance Power	Michigan	55402	CT2	4675	520,298	1,011,076	823,926	705,855	670,005
Renaissance Power	Michigan	55402	CT3	4676	1,156,734	913,785	719,056	582,060	898,309
Renaissance Power	Michigan	55402	CT4	4677	1,087,614	930,456	691,635	444,589	1,040,702
River Rouge	Michigan	1740	1	1186					
River Rouge	Michigan	1740	2	1187	13,223,280	17,856,211	16,012,965	17,220,935	18,336,889
River Rouge	Michigan	1740	3	1188	17,387,754	18,872,209	18,697,887	17,231,464	16,840,456
Shiras	Michigan	1843	3	1222	4,132,164	4,133,774	4,077,463	3,296,097	3,392,675

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Midland Cogeneration Venture	Michigan	10745	019	892,182	894,745,311	0.000997	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	020	711,893	894,745,311	0.000796	224,717	141,115
Midland Cogeneration Venture	Michigan	10745	021	657,703	894,745,311	0.000735	224,717	141,115
Mistersky	Michigan	1822	5	547,792	894,745,311	0.000612	224,717	141,115
Mistersky	Michigan	1822	6	1,992,573	894,745,311	0.002227	224,717	141,115
Mistersky	Michigan	1822	7	367,799	894,745,311	0.000411	224,717	141,115
Mistersky	Michigan	1822	GT-1	17,900	894,745,311	0.000020	224,717	141,115
Monroe	Michigan	1733	1	51,056,632	894,745,311	0.057063	224,717	141,115
Monroe	Michigan	1733	2	45,983,875	894,745,311	0.051393	224,717	141,115
Monroe	Michigan	1733	3	50,154,953	894,745,311	0.056055	224,717	141,115
Monroe	Michigan	1733	4	51,098,657	894,745,311	0.057110	224,717	141,115
New Covert Generating Project	Michigan	55297	001	3,672,837	894,745,311	0.004105	224,717	141,115
New Covert Generating Project	Michigan	55297	002	4,385,989	894,745,311	0.004902	224,717	141,115
New Covert Generating Project	Michigan	55297	003	3,157,641	894,745,311	0.003529	224,717	141,115
Presque Isle	Michigan	1769	5	5,674,998	894,745,311	0.006343	224,717	141,115
Presque Isle	Michigan	1769	6	5,831,337	894,745,311	0.006517	224,717	141,115
Presque Isle	Michigan	1769	7	6,588,114	894,745,311	0.007363	224,717	141,115
Presque Isle	Michigan	1769	8	7,157,857	894,745,311	0.008000	224,717	141,115
Presque Isle	Michigan	1769	9	7,260,556	894,745,311	0.008115	224,717	141,115
Renaissance Power	Michigan	55402	CT1	951,413	894,745,311	0.001063	224,717	141,115
Renaissance Power	Michigan	55402	CT2	846,952	894,745,311	0.000947	224,717	141,115
Renaissance Power	Michigan	55402	CT3	989,609	894,745,311	0.001106	224,717	141,115
Renaissance Power	Michigan	55402	CT4	1,019,591	894,745,311	0.001140	224,717	141,115
River Rouge	Michigan	1740	1		894,745,311		224,717	141,115
River Rouge	Michigan	1740	2	17,804,678	894,745,311	0.019899	224,717	141,115
River Rouge	Michigan	1740	3	18,319,283	894,745,311	0.020474	224,717	141,115
Shiras	Michigan	1843	3	4,114,467	894,745,311	0.004598	224,717	141,115

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Midland Cogeneration Venture	Michigan	10745	019	64,113	61,779	224	141	64	62
Midland Cogeneration Venture	Michigan	10745	020	64,113	61,779	179	112	51	49
Midland Cogeneration Venture	Michigan	10745	021	64,113	61,779	165	104	47	45
Mistersky	Michigan	1822	5	64,113	61,779	138	86	39	38
Mistersky	Michigan	1822	6	64,113	61,779	500	314	143	138
Mistersky	Michigan	1822	7	64,113	61,779	92	58	26	25
Mistersky	Michigan	1822	GT-1	64,113	61,779	4	3	1	1
Monroe	Michigan	1733	1	64,113	61,779	12,823	8,052	3,658	3,525
Monroe	Michigan	1733	2	64,113	61,779	11,549	7,252	3,295	3,175
Monroe	Michigan	1733	3	64,113	61,779	12,597	7,910	3,594	3,463
Monroe	Michigan	1733	4	64,113	61,779	12,834	8,059	3,661	3,528
New Covert Generating Project	Michigan	55297	001	64,113	61,779	922	579	263	254
New Covert Generating Project	Michigan	55297	002	64,113	61,779	1,102	692	314	303
New Covert Generating Project	Michigan	55297	003	64,113	61,779	793	498	226	218
Presque Isle	Michigan	1769	5	64,113	61,779	1,425	895	407	392
Presque Isle	Michigan	1769	6	64,113	61,779	1,465	920	418	403
Presque Isle	Michigan	1769	7	64,113	61,779	1,655	1,039	472	455
Presque Isle	Michigan	1769	8	64,113	61,779	1,798	1,129	513	494
Presque Isle	Michigan	1769	9	64,113	61,779	1,824	1,145	520	501
Renaissance Power	Michigan	55402	CT1	64,113	61,779	239	150	68	66
Renaissance Power	Michigan	55402	CT2	64,113	61,779	213	134	61	58
Renaissance Power	Michigan	55402	CT3	64,113	61,779	249	156	71	68
Renaissance Power	Michigan	55402	CT4	64,113	61,779	256	161	73	70
River Rouge	Michigan	1740	1	64,113	61,779				
River Rouge	Michigan	1740	2	64,113	61,779	4,472	2,808	1,276	1,229
River Rouge	Michigan	1740	3	64,113	61,779	4,601	2,889	1,313	1,265
Shiras	Michigan	1843	3	64,113	61,779	1,033	649	295	284

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Midland Cogeneration Venture	Michigan	10745	019						
Midland Cogeneration Venture	Michigan	10745	020						
Midland Cogeneration Venture	Michigan	10745	021						
Mistersky	Michigan	1822	5	1	1	0	0	0	
Mistersky	Michigan	1822	6			1	1	0	1
Mistersky	Michigan	1822	7	1	1	0	0	0	0
Mistersky	Michigan	1822	GT-1						
Monroe	Michigan	1733	1	23,710	25,843	27,563	25,834	35,583	31,469
Monroe	Michigan	1733	2	22,301	24,773	23,487	27,870	28,928	29,212
Monroe	Michigan	1733	3	27,375	18,467	28,897	22,551	31,133	31,096
Monroe	Michigan	1733	4	34,658	30,651	30,359	27,316	30,748	26,605
New Covert Generating Project	Michigan	55297	001	0	0	1	1	1	0
New Covert Generating Project	Michigan	55297	002	0	0	1	1	1	0
New Covert Generating Project	Michigan	55297	003		0	1	1	1	1
Presque Isle	Michigan	1769	5	2,741	3,821	4,030	3,561	2,452	2,284
Presque Isle	Michigan	1769	6	3,577	3,652	3,713	2,829	2,951	2,367
Presque Isle	Michigan	1769	7	1,710	1,532	1,877	1,704	1,759	1,543
Presque Isle	Michigan	1769	8	1,599	1,878	1,631	1,750	1,617	1,847
Presque Isle	Michigan	1769	9	1,498	1,829	1,657	1,997	1,805	1,679
Renaissance Power	Michigan	55402	CT1	0	0	0	0	0	0
Renaissance Power	Michigan	55402	CT2	0	0	0	0	0	0
Renaissance Power	Michigan	55402	CT3	0	0	0	0	0	0
Renaissance Power	Michigan	55402	CT4	0	0	0	0	0	0
River Rouge	Michigan	1740	1	0	0	0			
River Rouge	Michigan	1740	2	8,158	7,698	6,938	5,730	7,182	6,639
River Rouge	Michigan	1740	3	7,326	7,906	5,064	7,577	7,415	7,854
Shiras	Michigan	1843	3	259	219	226	186	94	166

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Midland Cogeneration Venture	Michigan	10745	019	0	0	0			
Midland Cogeneration Venture	Michigan	10745	020	0	0	0			
Midland Cogeneration Venture	Michigan	10745	021	0	0	0			
Mistersky	Michigan	1822	5			1			
Mistersky	Michigan	1822	6	0	0	1			
Mistersky	Michigan	1822	7			1			
Mistersky	Michigan	1822	GT-1	0	0	0			
Monroe	Michigan	1733	1	24,947	27,636	35,583			
Monroe	Michigan	1733	2	27,230	18,851	29,212			
Monroe	Michigan	1733	3	22,959	500	31,133			
Monroe	Michigan	1733	4	10,762	621	34,658			
New Covert Generating Project	Michigan	55297	001	1	2	2			
New Covert Generating Project	Michigan	55297	002	1	2	2			
New Covert Generating Project	Michigan	55297	003	1	1	1			
Presque Isle	Michigan	1769	5	1,966	1,987	4,030			
Presque Isle	Michigan	1769	6	2,214	1,984	3,713			
Presque Isle	Michigan	1769	7	1,549	1,489	1,877			
Presque Isle	Michigan	1769	8	1,682	1,741	1,878			
Presque Isle	Michigan	1769	9	1,773	1,474	1,997			
Renaissance Power	Michigan	55402	CT1	0	0	0			
Renaissance Power	Michigan	55402	CT2	0	0	0			
Renaissance Power	Michigan	55402	CT3	0	0	0			
Renaissance Power	Michigan	55402	CT4	0	0	0			
River Rouge	Michigan	1740	1			0			
River Rouge	Michigan	1740	2	7,481	7,456	8,158			
River Rouge	Michigan	1740	3	7,464	6,966	7,906			
Shiras	Michigan	1843	3	63	177	259			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Midland Cogeneration Venture	Michigan	10745	019						
Midland Cogeneration Venture	Michigan	10745	020						
Midland Cogeneration Venture	Michigan	10745	021						
Mistersky	Michigan	1822	5				270	298	130
Mistersky	Michigan	1822	6					21	253
Mistersky	Michigan	1822	7				188	161	219
Mistersky	Michigan	1822	GT-1				109	20	16
Monroe	Michigan	1733	1				5,693	8,762	8,274
Monroe	Michigan	1733	2				7,203	8,600	6,830
Monroe	Michigan	1733	3				8,881	6,123	9,994
Monroe	Michigan	1733	4				15,960	11,276	10,296
New Covert Generating Project	Michigan	55297	001				296	4	9
New Covert Generating Project	Michigan	55297	002				900	4	10
New Covert Generating Project	Michigan	55297	003				316	137	15
Presque Isle	Michigan	1769	5				781	1,075	1,109
Presque Isle	Michigan	1769	6				1,078	1,056	1,051
Presque Isle	Michigan	1769	7				1,571	1,325	1,521
Presque Isle	Michigan	1769	8				1,496	1,305	1,227
Presque Isle	Michigan	1769	9				1,390	1,594	1,295
Renaissance Power	Michigan	55402	CT1				6	10	26
Renaissance Power	Michigan	55402	CT2				7	1	25
Renaissance Power	Michigan	55402	CT3				5	2	37
Renaissance Power	Michigan	55402	CT4				6	2	34
River Rouge	Michigan	1740	1				14	1	4
River Rouge	Michigan	1740	2				2,236	2,435	1,894
River Rouge	Michigan	1740	3				2,408	2,690	2,038
Shiras	Michigan	1843	3				232	225	275

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Midland Cogeneration Venture	Michigan	10745	019				20	7	20
Midland Cogeneration Venture	Michigan	10745	020				16	7	16
Midland Cogeneration Venture	Michigan	10745	021				15	7	15
Mistersky	Michigan	1822	5	60	36				298
Mistersky	Michigan	1822	6	517	114	290	136	61	517
Mistersky	Michigan	1822	7	22	34	30			219
Mistersky	Michigan	1822	GT-1	8	4	4	1	1	109
Monroe	Michigan	1733	1	7,267	11,842	11,272	6,668	6,958	11,842
Monroe	Michigan	1733	2	8,861	9,892	10,337	8,205	5,639	10,337
Monroe	Michigan	1733	3	7,301	7,614	6,970	2,515	1,999	9,994
Monroe	Michigan	1733	4	8,380	7,440	5,859	2,987	2,198	15,960
New Covert Generating Project	Michigan	55297	001	9	14	7	9	20	296
New Covert Generating Project	Michigan	55297	002	8	19	7	15	25	900
New Covert Generating Project	Michigan	55297	003	11	20	8	8	15	316
Presque Isle	Michigan	1769	5	1,060	1,087	1,060	887	887	1,109
Presque Isle	Michigan	1769	6	879	1,244	1,072	1,007	888	1,244
Presque Isle	Michigan	1769	7	1,268	1,422	1,243	1,203	1,235	1,571
Presque Isle	Michigan	1769	8	1,325	1,321	1,497	1,305	1,446	1,497
Presque Isle	Michigan	1769	9	1,513	1,474	1,370	1,375	1,218	1,594
Renaissance Power	Michigan	55402	CT1	10	25	20	20	18	26
Renaissance Power	Michigan	55402	CT2	12	22	18	17	15	25
Renaissance Power	Michigan	55402	CT3	28	22	16	14	21	37
Renaissance Power	Michigan	55402	CT4	25	21	16	10	22	34
River Rouge	Michigan	1740	1						14
River Rouge	Michigan	1740	2	1,430	2,024	2,118	1,462	1,456	2,435
River Rouge	Michigan	1740	3	2,537	3,276	3,317	2,878	2,914	3,317
Shiras	Michigan	1843	3	300	282	291	247	250	300

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Midland Cogeneration Venture	Michigan	10745	019						
Midland Cogeneration Venture	Michigan	10745	020						
Midland Cogeneration Venture	Michigan	10745	021						
Mistersky	Michigan	1822	5						
Mistersky	Michigan	1822	6						
Mistersky	Michigan	1822	7						
Mistersky	Michigan	1822	GT-1						
Monroe	Michigan	1733	1						
Monroe	Michigan	1733	2						
Monroe	Michigan	1733	3						
Monroe	Michigan	1733	4						
New Covert Generating Project	Michigan	55297	001						
New Covert Generating Project	Michigan	55297	002						
New Covert Generating Project	Michigan	55297	003						
Presque Isle	Michigan	1769	5						
Presque Isle	Michigan	1769	6						
Presque Isle	Michigan	1769	7						
Presque Isle	Michigan	1769	8						
Presque Isle	Michigan	1769	9						
Renaissance Power	Michigan	55402	CT1						
Renaissance Power	Michigan	55402	CT2						
Renaissance Power	Michigan	55402	CT3						
Renaissance Power	Michigan	55402	CT4						
River Rouge	Michigan	1740	1						
River Rouge	Michigan	1740	2						
River Rouge	Michigan	1740	3						
Shiras	Michigan	1843	3						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Midland Cogeneration Venture	Michigan	10745	019				
Midland Cogeneration Venture	Michigan	10745	020				
Midland Cogeneration Venture	Michigan	10745	021				
Mistersky	Michigan	1822	5				
Mistersky	Michigan	1822	6				
Mistersky	Michigan	1822	7				
Mistersky	Michigan	1822	GT-1				
Monroe	Michigan	1733	1				
Monroe	Michigan	1733	2				
Monroe	Michigan	1733	3				
Monroe	Michigan	1733	4				
New Covert Generating Project	Michigan	55297	001				
New Covert Generating Project	Michigan	55297	002				
New Covert Generating Project	Michigan	55297	003				
Presque Isle	Michigan	1769	5				
Presque Isle	Michigan	1769	6				
Presque Isle	Michigan	1769	7				
Presque Isle	Michigan	1769	8				
Presque Isle	Michigan	1769	9				
Renaissance Power	Michigan	55402	CT1				
Renaissance Power	Michigan	55402	CT2				
Renaissance Power	Michigan	55402	CT3				
Renaissance Power	Michigan	55402	CT4				
River Rouge	Michigan	1740	1				
River Rouge	Michigan	1740	2				
River Rouge	Michigan	1740	3				
Shiras	Michigan	1843	3				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Midland Cogeneration Venture	Michigan	10745	019			20	20
Midland Cogeneration Venture	Michigan	10745	020			16	16
Midland Cogeneration Venture	Michigan	10745	021			15	15
Mistersky	Michigan	1822	5			41	41
Mistersky	Michigan	1822	6			150	150
Mistersky	Michigan	1822	7			28	28
Mistersky	Michigan	1822	GT-1			1	1
Monroe	Michigan	1733	1			3,844	3,844
Monroe	Michigan	1733	2			3,462	3,462
Monroe	Michigan	1733	3			3,776	3,776
Monroe	Michigan	1733	4			3,847	3,847
New Covert Generating Project	Michigan	55297	001			277	277
New Covert Generating Project	Michigan	55297	002			330	330
New Covert Generating Project	Michigan	55297	003			238	238
Presque Isle	Michigan	1769	5			427	427
Presque Isle	Michigan	1769	6			439	439
Presque Isle	Michigan	1769	7			496	496
Presque Isle	Michigan	1769	8			539	539
Presque Isle	Michigan	1769	9			547	547
Renaissance Power	Michigan	55402	CT1			26	26
Renaissance Power	Michigan	55402	CT2			25	25
Renaissance Power	Michigan	55402	CT3			37	37
Renaissance Power	Michigan	55402	CT4			34	34
River Rouge	Michigan	1740	1			0	0
River Rouge	Michigan	1740	2			1,341	1,341
River Rouge	Michigan	1740	3			1,379	1,379
Shiras	Michigan	1843	3			300	300

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Midland Cogeneration Venture	Michigan	10745	019	20	20	20	20
Midland Cogeneration Venture	Michigan	10745	020	16	16	16	16
Midland Cogeneration Venture	Michigan	10745	021	15	15	15	15
Mistersky	Michigan	1822	5	40	40	40	40
Mistersky	Michigan	1822	6	144	144	144	144
Mistersky	Michigan	1822	7	27	27	27	27
Mistersky	Michigan	1822	GT-1	1	1	1	1
Monroe	Michigan	1733	1	3,695	3,695	3,695	3,695
Monroe	Michigan	1733	2	3,328	3,328	3,328	3,328
Monroe	Michigan	1733	3	3,630	3,630	3,630	3,630
Monroe	Michigan	1733	4	3,698	3,698	3,698	3,698
New Covert Generating Project	Michigan	55297	001	266	266	266	266
New Covert Generating Project	Michigan	55297	002	317	317	317	317
New Covert Generating Project	Michigan	55297	003	229	229	229	229
Presque Isle	Michigan	1769	5	411	411	411	411
Presque Isle	Michigan	1769	6	422	422	422	422
Presque Isle	Michigan	1769	7	477	477	477	477
Presque Isle	Michigan	1769	8	518	518	518	518
Presque Isle	Michigan	1769	9	525	525	525	525
Renaissance Power	Michigan	55402	CT1	26	26	26	26
Renaissance Power	Michigan	55402	CT2	25	25	25	25
Renaissance Power	Michigan	55402	CT3	37	37	37	37
Renaissance Power	Michigan	55402	CT4	34	34	34	34
River Rouge	Michigan	1740	1	0	0	0	0
River Rouge	Michigan	1740	2	1,288	1,288	1,288	1,288
River Rouge	Michigan	1740	3	1,326	1,326	1,326	1,326
Shiras	Michigan	1843	3	298	298	298	298

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Midland Cogeneration Venture	Michigan	10745	019				571,924	192,204	382,064
Midland Cogeneration Venture	Michigan	10745	020				587,206	169,727	378,467
Midland Cogeneration Venture	Michigan	10745	021				411,322	152,440	281,881
Mistersky	Michigan	1822	5	3,653	122,176				62,915
Mistersky	Michigan	1822	6	1,595,936	582,618	881,299	201,463	671,816	1,049,684
Mistersky	Michigan	1822	7	219,162	82,877				151,019
Mistersky	Michigan	1822	GT-1	24,145	3,473	3,594	2,483	3,091	10,404
Monroe	Michigan	1733	1	22,566,055	21,525,857	20,762,262	23,284,132	20,472,335	22,458,682
Monroe	Michigan	1733	2	17,675,821	18,440,522	17,255,974	20,680,807	12,850,645	18,932,383
Monroe	Michigan	1733	3	17,088,527	19,677,291	21,724,145	20,141,054	23,965,728	21,943,642
Monroe	Michigan	1733	4	18,898,506	19,909,801	20,133,630	19,612,168	22,325,896	20,789,775
New Covert Generating Project	Michigan	55297	001	1,527,207	2,204,999	1,460,780	2,331,835	3,665,805	2,734,213
New Covert Generating Project	Michigan	55297	002	1,776,210	2,590,527	1,082,730	1,990,198	3,547,881	2,709,535
New Covert Generating Project	Michigan	55297	003	1,497,191	2,047,527	1,044,858	1,902,745	3,313,509	2,421,260
Presque Isle	Michigan	1769	5	2,649,669	2,631,571	2,306,329	2,033,575	1,311,736	2,529,190
Presque Isle	Michigan	1769	6	2,231,372	2,641,750	2,740,080	2,678,301	1,665,124	2,686,710
Presque Isle	Michigan	1769	7	2,972,740	2,790,151	2,954,434	2,601,578	2,814,308	2,913,828
Presque Isle	Michigan	1769	8	2,557,150	2,856,775	3,171,935	3,168,511	3,204,823	3,181,757
Presque Isle	Michigan	1769	9	3,282,612	3,370,512	2,862,729	2,978,508	3,082,891	3,245,338
Renaissance Power	Michigan	55402	CT1	231,036	821,234	692,324	293,306	745,645	753,068
Renaissance Power	Michigan	55402	CT2	349,257	782,400	636,327	271,158	469,109	629,279
Renaissance Power	Michigan	55402	CT3	714,505	713,040	587,236	248,910	721,166	716,237
Renaissance Power	Michigan	55402	CT4	704,058	679,296	566,244	210,934	805,355	729,570
River Rouge	Michigan	1740	1						
River Rouge	Michigan	1740	2	6,025,521	7,666,967	5,832,053	6,732,471	7,732,342	7,377,260
River Rouge	Michigan	1740	3	6,811,524	8,114,259	7,780,162	8,086,487	8,778,507	8,326,418
Shiras	Michigan	1843	3	1,739,164	1,668,705	1,656,023	1,350,760	1,329,317	1,687,964

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Midland Cogeneration Venture	Michigan	10745	019	405,725,128	0.000942	27,480	26,476	26	25
Midland Cogeneration Venture	Michigan	10745	020	405,725,128	0.000933	27,480	26,476	26	25
Midland Cogeneration Venture	Michigan	10745	021	405,725,128	0.000695	27,480	26,476	19	18
Mistersky	Michigan	1822	5	405,725,128	0.000155	27,480	26,476	4	4
Mistersky	Michigan	1822	6	405,725,128	0.002587	27,480	26,476	71	68
Mistersky	Michigan	1822	7	405,725,128	0.000372	27,480	26,476	10	10
Mistersky	Michigan	1822	GT-1	405,725,128	0.000026	27,480	26,476	1	1
Monroe	Michigan	1733	1	405,725,128	0.055354	27,480	26,476	1,521	1,466
Monroe	Michigan	1733	2	405,725,128	0.046663	27,480	26,476	1,282	1,235
Monroe	Michigan	1733	3	405,725,128	0.054085	27,480	26,476	1,486	1,432
Monroe	Michigan	1733	4	405,725,128	0.051241	27,480	26,476	1,408	1,357
New Covert Generating Project	Michigan	55297	001	405,725,128	0.006739	27,480	26,476	185	178
New Covert Generating Project	Michigan	55297	002	405,725,128	0.006678	27,480	26,476	184	177
New Covert Generating Project	Michigan	55297	003	405,725,128	0.005968	27,480	26,476	164	158
Presque Isle	Michigan	1769	5	405,725,128	0.006234	27,480	26,476	171	165
Presque Isle	Michigan	1769	6	405,725,128	0.006622	27,480	26,476	182	175
Presque Isle	Michigan	1769	7	405,725,128	0.007182	27,480	26,476	197	190
Presque Isle	Michigan	1769	8	405,725,128	0.007842	27,480	26,476	216	208
Presque Isle	Michigan	1769	9	405,725,128	0.007999	27,480	26,476	220	212
Renaissance Power	Michigan	55402	CT1	405,725,128	0.001856	27,480	26,476	51	49
Renaissance Power	Michigan	55402	CT2	405,725,128	0.001551	27,480	26,476	43	41
Renaissance Power	Michigan	55402	CT3	405,725,128	0.001765	27,480	26,476	49	47
Renaissance Power	Michigan	55402	CT4	405,725,128	0.001798	27,480	26,476	49	48
River Rouge	Michigan	1740	1	405,725,128		27,480	26,476		
River Rouge	Michigan	1740	2	405,725,128	0.018183	27,480	26,476	500	481
River Rouge	Michigan	1740	3	405,725,128	0.020522	27,480	26,476	564	543
Shiras	Michigan	1843	3	405,725,128	0.004160	27,480	26,476	114	110

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Midland Cogeneration Venture	Michigan	10745	019						
Midland Cogeneration Venture	Michigan	10745	020						
Midland Cogeneration Venture	Michigan	10745	021						
Mistersky	Michigan	1822	5	100	126	77	0	14	
Mistersky	Michigan	1822	6			68	296	36	126
Mistersky	Michigan	1822	7	52	40	78	17	7	
Mistersky	Michigan	1822	GT-1	61	6	16	7	1	1
Monroe	Michigan	1733	1	839	2,738	2,221	2,827	2,987	4,326
Monroe	Michigan	1733	2	2,426	2,827	2,798	2,692	2,980	3,490
Monroe	Michigan	1733	3	2,445	2,173	3,573	2,815	631	937
Monroe	Michigan	1733	4	6,133	3,026	3,319	2,710	694	797
New Covert Generating Project	Michigan	55297	001	68	2	9	7	10	6
New Covert Generating Project	Michigan	55297	002	185	2	10	7	15	5
New Covert Generating Project	Michigan	55297	003		4	11	9	13	5
Presque Isle	Michigan	1769	5	375	410	468	473	509	443
Presque Isle	Michigan	1769	6	333	456	449	406	498	523
Presque Isle	Michigan	1769	7	568	720	676	572	563	598
Presque Isle	Michigan	1769	8	673	574	540	507	582	642
Presque Isle	Michigan	1769	9	556	659	578	664	682	585
Renaissance Power	Michigan	55402	CT1	5	9	20	5	18	15
Renaissance Power	Michigan	55402	CT2	6	1	15	8	16	13
Renaissance Power	Michigan	55402	CT3	5	2	25	16	17	13
Renaissance Power	Michigan	55402	CT4	4	2	23	15	15	12
River Rouge	Michigan	1740	1	14	1	4			
River Rouge	Michigan	1740	2	691	726	555	528	663	597
River Rouge	Michigan	1740	3	930	969	1,041	1,032	1,412	1,370
Shiras	Michigan	1843	3	100	107	129	138	119	129

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Midland Cogeneration Venture	Michigan	10745	019	9	3	9			
Midland Cogeneration Venture	Michigan	10745	020	9	2	9			
Midland Cogeneration Venture	Michigan	10745	021	6	2	6			
Mistersky	Michigan	1822	5			126			
Mistersky	Michigan	1822	6	17	32	296			
Mistersky	Michigan	1822	7			78			
Mistersky	Michigan	1822	GT-1	1	1	61			
Monroe	Michigan	1733	1	3,176	2,999	4,326			
Monroe	Michigan	1733	2	3,289	2,216	3,490			
Monroe	Michigan	1733	3	596	775	3,573			
Monroe	Michigan	1733	4	941	964	6,133			
New Covert Generating Project	Michigan	55297	001	8	13	68			
New Covert Generating Project	Michigan	55297	002	8	14	185			
New Covert Generating Project	Michigan	55297	003	7	11	13			
Presque Isle	Michigan	1769	5	390	234	509			
Presque Isle	Michigan	1769	6	514	310	523			
Presque Isle	Michigan	1769	7	497	562	720			
Presque Isle	Michigan	1769	8	607	647	673			
Presque Isle	Michigan	1769	9	564	621	682			
Renaissance Power	Michigan	55402	CT1	6	16	20			
Renaissance Power	Michigan	55402	CT2	6	10	16			
Renaissance Power	Michigan	55402	CT3	6	16	25			
Renaissance Power	Michigan	55402	CT4	4	16	23			
River Rouge	Michigan	1740	1			14			
River Rouge	Michigan	1740	2	566	637	726			
River Rouge	Michigan	1740	3	1,382	1,545	1,545			
Shiras	Michigan	1843	3	103	98	138			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Midland Cogeneration Venture	Michigan	10745	019					
Midland Cogeneration Venture	Michigan	10745	020					
Midland Cogeneration Venture	Michigan	10745	021					
Mistersky	Michigan	1822	5					
Mistersky	Michigan	1822	6					
Mistersky	Michigan	1822	7					
Mistersky	Michigan	1822	GT-1					
Monroe	Michigan	1733	1					
Monroe	Michigan	1733	2					
Monroe	Michigan	1733	3					
Monroe	Michigan	1733	4					
New Covert Generating Project	Michigan	55297	001					
New Covert Generating Project	Michigan	55297	002					
New Covert Generating Project	Michigan	55297	003					
Presque Isle	Michigan	1769	5					
Presque Isle	Michigan	1769	6					
Presque Isle	Michigan	1769	7					
Presque Isle	Michigan	1769	8					
Presque Isle	Michigan	1769	9					
Renaissance Power	Michigan	55402	CT1					
Renaissance Power	Michigan	55402	CT2					
Renaissance Power	Michigan	55402	CT3					
Renaissance Power	Michigan	55402	CT4					
River Rouge	Michigan	1740	1					
River Rouge	Michigan	1740	2					
River Rouge	Michigan	1740	3					
Shiras	Michigan	1843	3					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Midland Cogeneration Venture	Michigan	10745	019					Y
Midland Cogeneration Venture	Michigan	10745	020					Y
Midland Cogeneration Venture	Michigan	10745	021					Y
Mistersky	Michigan	1822	5					Y
Mistersky	Michigan	1822	6					Y
Mistersky	Michigan	1822	7					Y
Mistersky	Michigan	1822	GT-1					Y
Monroe	Michigan	1733	1					Y
Monroe	Michigan	1733	2					Y
Monroe	Michigan	1733	3					Y
Monroe	Michigan	1733	4					Y
New Covert Generating Project	Michigan	55297	001					Y
New Covert Generating Project	Michigan	55297	002					Y
New Covert Generating Project	Michigan	55297	003					Y
Presque Isle	Michigan	1769	5					Y
Presque Isle	Michigan	1769	6					Y
Presque Isle	Michigan	1769	7					Y
Presque Isle	Michigan	1769	8					Y
Presque Isle	Michigan	1769	9					Y
Renaissance Power	Michigan	55402	CT1					Y
Renaissance Power	Michigan	55402	CT2					Y
Renaissance Power	Michigan	55402	CT3					Y
Renaissance Power	Michigan	55402	CT4					Y
River Rouge	Michigan	1740	1					Y
River Rouge	Michigan	1740	2					Y
River Rouge	Michigan	1740	3					Y
Shiras	Michigan	1843	3					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Midland Cogeneration Venture	Michigan	10745	019	Y		Y		
Midland Cogeneration Venture	Michigan	10745	020	Y		Y		
Midland Cogeneration Venture	Michigan	10745	021	Y		Y		
Mistersky	Michigan	1822	5	Y		Y		
Mistersky	Michigan	1822	6	Y		Y		
Mistersky	Michigan	1822	7	Y		Y		
Mistersky	Michigan	1822	GT-1	Y		Y		
Monroe	Michigan	1733	1	Y		Y		
Monroe	Michigan	1733	2	Y		Y		
Monroe	Michigan	1733	3	Y		Y		
Monroe	Michigan	1733	4	Y		Y		
New Covert Generating Project	Michigan	55297	001	Y		Y		
New Covert Generating Project	Michigan	55297	002	Y		Y		
New Covert Generating Project	Michigan	55297	003	Y		Y		
Presque Isle	Michigan	1769	5	Y		Y		
Presque Isle	Michigan	1769	6	Y		Y		
Presque Isle	Michigan	1769	7	Y		Y		
Presque Isle	Michigan	1769	8	Y		Y		
Presque Isle	Michigan	1769	9	Y		Y		
Renaissance Power	Michigan	55402	CT1	Y		Y		
Renaissance Power	Michigan	55402	CT2	Y		Y		
Renaissance Power	Michigan	55402	CT3	Y		Y		
Renaissance Power	Michigan	55402	CT4	Y		Y		
River Rouge	Michigan	1740	1	Y		Y		
River Rouge	Michigan	1740	2	Y		Y		
River Rouge	Michigan	1740	3	Y		Y		
Shiras	Michigan	1843	3	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
St. Clair	Michigan	1743	1	1189	7,351,985	9,499,648	9,324,721	7,847,451	8,579,814
St. Clair	Michigan	1743	2	1190	8,282,765	9,587,678	9,255,552	8,298,443	8,815,393
St. Clair	Michigan	1743	3	1191	9,039,065	10,251,769	10,009,630	8,671,855	8,110,684
St. Clair	Michigan	1743	4	1192	9,610,394	10,060,197	8,591,574	8,081,910	9,064,805
St. Clair	Michigan	1743	6	1194	18,037,619	17,217,286	15,374,668	14,132,852	17,148,513
St. Clair	Michigan	1743	7	1195	23,881,494	22,356,083	26,482,554	21,765,141	19,064,005
Sumpter Plant	Michigan	7972	1	9882	152,272	190,322	89,038	13,668	155,306
Sumpter Plant	Michigan	7972	2	9883	162,957	200,810	96,637	5,019	157,513
Sumpter Plant	Michigan	7972	3	9884	158,920	195,254	80,028	10,178	145,982
Sumpter Plant	Michigan	7972	4	9885	154,012	243,731	78,127	18,270	137,323
TES Filer City Station	Michigan	50835	1	90183			3,303,214	3,303,356	3,272,315
TES Filer City Station	Michigan	50835	2	90184			3,388,102	3,301,089	3,356,638
Thetford	Michigan	1719	1	88431	20,659	22,058	46,260	6,484	3,724
Thetford	Michigan	1719	2	88432	16,692	13,783	20,202	5,370	2,652
Thetford	Michigan	1719	3	88433	17,170	25,517	19,239	7,963	5,298
Thetford	Michigan	1719	4	88434	11,635	7,717	35,289	9,445	9,094
Trenton Channel	Michigan	1745	16	1196	4,127,736	4,154,697	3,632,367	2,505,314	2,152,278
Trenton Channel	Michigan	1745	17	1197	4,005,542	4,000,646	3,485,303	2,470,944	3,232,719
Trenton Channel	Michigan	1745	18	1198	3,950,802	4,085,554	3,461,492	3,004,386	2,893,648
Trenton Channel	Michigan	1745	19	1199	3,873,653	3,930,724	3,097,319	2,841,767	3,494,681
Trenton Channel	Michigan	1745	9A	1200	28,929,919	25,411,708	27,858,289	28,805,310	23,533,348
Wyandotte	Michigan	1866	5	1223			13,293	45,381	34,346
Wyandotte	Michigan	1866	7	1224	3,446,308	3,133,159	2,937,973	2,028,893	1,835,218
Wyandotte	Michigan	1866	8	1225	1,852,887	2,053,947	1,820,848	1,691,773	1,444,132
Zeeland Generating Station	Michigan	55087	CC1	3865	373,936	629,273	1,316,976	861,771	1,389,102
Zeeland Generating Station	Michigan	55087	CC2	3866	387,762	612,315	1,176,709	773,109	1,428,866
Zeeland Generating Station	Michigan	55087	CC3	3867	1,522,181	3,075,180	2,224,496	1,593,340	2,786,710

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
St. Clair	Michigan	1743	1	9,134,728	894,745,311	0.010209	224,717	141,115
St. Clair	Michigan	1743	2	9,219,541	894,745,311	0.010304	224,717	141,115
St. Clair	Michigan	1743	3	9,766,821	894,745,311	0.010916	224,717	141,115
St. Clair	Michigan	1743	4	9,578,465	894,745,311	0.010705	224,717	141,115
St. Clair	Michigan	1743	6	17,467,806	894,745,311	0.019523	224,717	141,115
St. Clair	Michigan	1743	7	24,240,044	894,745,311	0.027092	224,717	141,115
Sumpter Plant	Michigan	7972	1	165,967	894,745,311	0.000185	224,717	141,115
Sumpter Plant	Michigan	7972	2	173,760	894,745,311	0.000194	224,717	141,115
Sumpter Plant	Michigan	7972	3	166,719	894,745,311	0.000186	224,717	141,115
Sumpter Plant	Michigan	7972	4	178,355	894,745,311	0.000199	224,717	141,115
TES Filer City Station	Michigan	50835	1	3,292,961	894,745,311	0.003680	224,717	141,115
TES Filer City Station	Michigan	50835	2	3,348,609	894,745,311	0.003743	224,717	141,115
Thetford	Michigan	1719	1	29,659	894,745,311	0.000033	224,717	141,115
Thetford	Michigan	1719	2	16,893	894,745,311	0.000019	224,717	141,115
Thetford	Michigan	1719	3	20,642	894,745,311	0.000023	224,717	141,115
Thetford	Michigan	1719	4	18,790	894,745,311	0.000021	224,717	141,115
Trenton Channel	Michigan	1745	16	3,971,600	894,745,311	0.004439	224,717	141,115
Trenton Channel	Michigan	1745	17	3,830,497	894,745,311	0.004281	224,717	141,115
Trenton Channel	Michigan	1745	18	3,832,616	894,745,311	0.004283	224,717	141,115
Trenton Channel	Michigan	1745	19	3,766,353	894,745,311	0.004209	224,717	141,115
Trenton Channel	Michigan	1745	9A	28,531,172	894,745,311	0.031887	224,717	141,115
Wyandotte	Michigan	1866	5	31,007	894,745,311	0.000035	224,717	141,115
Wyandotte	Michigan	1866	7	3,172,480	894,745,311	0.003546	224,717	141,115
Wyandotte	Michigan	1866	8	1,909,228	894,745,311	0.002134	224,717	141,115
Zeeland Generating Station	Michigan	55087	CC1	1,189,283	894,745,311	0.001329	224,717	141,115
Zeeland Generating Station	Michigan	55087	CC2	1,126,228	894,745,311	0.001259	224,717	141,115
Zeeland Generating Station	Michigan	55087	CC3	2,695,462	894,745,311	0.003013	224,717	141,115

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
St. Clair	Michigan	1743	1	64,113	61,779	2,294	1,441	655	631
St. Clair	Michigan	1743	2	64,113	61,779	2,316	1,454	661	637
St. Clair	Michigan	1743	3	64,113	61,779	2,453	1,540	700	674
St. Clair	Michigan	1743	4	64,113	61,779	2,406	1,511	686	661
St. Clair	Michigan	1743	6	64,113	61,779	4,387	2,755	1,252	1,206
St. Clair	Michigan	1743	7	64,113	61,779	6,088	3,823	1,737	1,674
Sumpter Plant	Michigan	7972	1	64,113	61,779	42	26	12	11
Sumpter Plant	Michigan	7972	2	64,113	61,779	44	27	12	12
Sumpter Plant	Michigan	7972	3	64,113	61,779	42	26	12	12
Sumpter Plant	Michigan	7972	4	64,113	61,779	45	28	13	12
TES Filer City Station	Michigan	50835	1	64,113	61,779	827	519	236	227
TES Filer City Station	Michigan	50835	2	64,113	61,779	841	528	240	231
Thetford	Michigan	1719	1	64,113	61,779	7	5	2	2
Thetford	Michigan	1719	2	64,113	61,779	4	3	1	1
Thetford	Michigan	1719	3	64,113	61,779	5	3	1	1
Thetford	Michigan	1719	4	64,113	61,779	5	3	1	1
Trenton Channel	Michigan	1745	16	64,113	61,779	997	626	285	274
Trenton Channel	Michigan	1745	17	64,113	61,779	962	604	274	264
Trenton Channel	Michigan	1745	18	64,113	61,779	963	604	275	265
Trenton Channel	Michigan	1745	19	64,113	61,779	946	594	270	260
Trenton Channel	Michigan	1745	9A	64,113	61,779	7,166	4,500	2,044	1,970
Wyandotte	Michigan	1866	5	64,113	61,779	8	5	2	2
Wyandotte	Michigan	1866	7	64,113	61,779	797	500	227	219
Wyandotte	Michigan	1866	8	64,113	61,779	480	301	137	132
Zeeland Generating Station	Michigan	55087	CC1	64,113	61,779	299	188	85	82
Zeeland Generating Station	Michigan	55087	CC2	64,113	61,779	283	178	81	78
Zeeland Generating Station	Michigan	55087	CC3	64,113	61,779	677	425	193	186

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
St. Clair	Michigan	1743	1	4,321	4,526	3,105	3,585	4,066	3,684
St. Clair	Michigan	1743	2	1,989	4,340	3,189	3,748	3,624	2,751
St. Clair	Michigan	1743	3	4,888	3,267	3,205	4,032	4,451	5,468
St. Clair	Michigan	1743	4	4,569	3,066	3,413	4,378	4,385	3,412
St. Clair	Michigan	1743	6	10,130	11,301	11,471	10,425	9,165	8,653
St. Clair	Michigan	1743	7	19,749	16,804	15,856	16,205	12,885	14,304
Sumpter Plant	Michigan	7972	1	0	0	0	0	0	0
Sumpter Plant	Michigan	7972	2	0	0	0	0	0	0
Sumpter Plant	Michigan	7972	3	0	0	0	0	0	0
Sumpter Plant	Michigan	7972	4	0	0	0	0	0	0
TES Filer City Station	Michigan	50835	1						
TES Filer City Station	Michigan	50835	2						
Theftord	Michigan	1719	1						
Theftord	Michigan	1719	2						
Theftord	Michigan	1719	3						
Theftord	Michigan	1719	4						
Trenton Channel	Michigan	1745	16	2,826	3,221	2,818	2,717	2,897	2,500
Trenton Channel	Michigan	1745	17	2,963	3,028	2,877	2,651	2,793	2,404
Trenton Channel	Michigan	1745	18	2,535	3,120	2,621	2,586	2,848	2,391
Trenton Channel	Michigan	1745	19	2,875	3,130	2,721	2,546	2,733	2,125
Trenton Channel	Michigan	1745	9A	15,448	16,972	16,400	18,566	17,308	18,200
Wyandotte	Michigan	1866	5	0					0
Wyandotte	Michigan	1866	7	1,152	1,090	1,155	1,324	1,438	1,443
Wyandotte	Michigan	1866	8	272	481	373	379	423	350
Zeeland Generating Station	Michigan	55087	CC1	0	0	0	0	0	0
Zeeland Generating Station	Michigan	55087	CC2	0	0	0	0	0	0
Zeeland Generating Station	Michigan	55087	CC3	0	0	1	0	1	1

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
St. Clair	Michigan	1743	1	2,382	3,159	4,526			
St. Clair	Michigan	1743	2	2,608	3,389	4,340			
St. Clair	Michigan	1743	3	2,630	3,233	5,468			
St. Clair	Michigan	1743	4	2,509	3,397	4,569			
St. Clair	Michigan	1743	6	7,457	10,519	11,471			
St. Clair	Michigan	1743	7	11,346	11,564	19,749			
Sumpter Plant	Michigan	7972	1	0	0	0			
Sumpter Plant	Michigan	7972	2	0	0	0			
Sumpter Plant	Michigan	7972	3	0	0	0			
Sumpter Plant	Michigan	7972	4	0	0	0			
TES Filer City Station	Michigan	50835	1	279	322	322			
TES Filer City Station	Michigan	50835	2	303	352	352			
Thetford	Michigan	1719	1	0	0	0			
Thetford	Michigan	1719	2	0	0	0			
Thetford	Michigan	1719	3	0	0	0			
Thetford	Michigan	1719	4	0	0	0			
Trenton Channel	Michigan	1745	16	1,741	1,514	3,221			
Trenton Channel	Michigan	1745	17	1,706	2,283	3,028			
Trenton Channel	Michigan	1745	18	2,086	2,033	3,120			
Trenton Channel	Michigan	1745	19	1,984	2,459	3,130			
Trenton Channel	Michigan	1745	9A	17,926	15,181	18,566			
Wyandotte	Michigan	1866	5	0		0			
Wyandotte	Michigan	1866	7	985	967	1,443			
Wyandotte	Michigan	1866	8	284	187	481			
Zeeland Generating Station	Michigan	55087	CC1	0	0	0			
Zeeland Generating Station	Michigan	55087	CC2	0	0	0			
Zeeland Generating Station	Michigan	55087	CC3	0	1	1			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
St. Clair	Michigan	1743	1				2,439	2,862	2,843
St. Clair	Michigan	1743	2				754	1,645	1,565
St. Clair	Michigan	1743	3				2,583	1,181	1,527
St. Clair	Michigan	1743	4				2,763	2,034	1,665
St. Clair	Michigan	1743	6				1,069	1,680	1,347
St. Clair	Michigan	1743	7				2,435	2,271	1,998
Sumpter Plant	Michigan	7972	1				2	1	5
Sumpter Plant	Michigan	7972	2				2	1	5
Sumpter Plant	Michigan	7972	3				2	1	5
Sumpter Plant	Michigan	7972	4				2	1	6
TES Filer City Station	Michigan	50835	1						
TES Filer City Station	Michigan	50835	2						
Thetford	Michigan	1719	1				1	1	17
Thetford	Michigan	1719	2				1	2	19
Thetford	Michigan	1719	3				1	1	20
Thetford	Michigan	1719	4				1	1	21
Trenton Channel	Michigan	1745	16				835	1,087	884
Trenton Channel	Michigan	1745	17				874	1,007	886
Trenton Channel	Michigan	1745	18				761	1,020	823
Trenton Channel	Michigan	1745	19				832	1,028	847
Trenton Channel	Michigan	1745	9A				2,063	2,405	2,329
Wyandotte	Michigan	1866	5				1		
Wyandotte	Michigan	1866	7				419	487	505
Wyandotte	Michigan	1866	8				126	141	151
Zeeland Generating Station	Michigan	55087	CC1				2	0	7
Zeeland Generating Station	Michigan	55087	CC2				1	1	15
Zeeland Generating Station	Michigan	55087	CC3				13	10	41

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
St. Clair	Michigan	1743	1	1,245	1,872	1,825	1,474	1,318	2,862
St. Clair	Michigan	1743	2	1,550	1,801	1,770	1,626	1,755	1,801
St. Clair	Michigan	1743	3	2,065	2,067	2,279	1,772	1,617	2,583
St. Clair	Michigan	1743	4	1,688	1,749	1,519	1,318	1,530	2,763
St. Clair	Michigan	1743	6	1,323	1,255	1,219	1,193	1,356	1,680
St. Clair	Michigan	1743	7	2,037	2,073	2,480	1,997	1,783	2,480
Sumpter Plant	Michigan	7972	1	2	2	1	0	2	5
Sumpter Plant	Michigan	7972	2	2	2	2	0	2	5
Sumpter Plant	Michigan	7972	3	2	3	1	0	2	5
Sumpter Plant	Michigan	7972	4	2	3	1	0	2	6
TES Filer City Station	Michigan	50835	1			626	660	742	742
TES Filer City Station	Michigan	50835	2			603	595	657	657
Thetford	Michigan	1719	1	5	5	11	2	1	17
Thetford	Michigan	1719	2	4	3	5	1	1	19
Thetford	Michigan	1719	3	4	6	4	2	1	20
Thetford	Michigan	1719	4	3	2	8	2	2	21
Trenton Channel	Michigan	1745	16	887	834	744	607	569	1,087
Trenton Channel	Michigan	1745	17	862	809	715	585	817	1,007
Trenton Channel	Michigan	1745	18	850	820	716	683	717	1,020
Trenton Channel	Michigan	1745	19	834	791	645	651	890	1,028
Trenton Channel	Michigan	1745	9A	2,666	2,337	2,502	2,636	2,208	2,666
Wyandotte	Michigan	1866	5			1	1	0	1
Wyandotte	Michigan	1866	7	627	609	587	380	260	627
Wyandotte	Michigan	1866	8	148	120	130	168	170	170
Zeeland Generating Station	Michigan	55087	CC1	6	9	23	16	24	24
Zeeland Generating Station	Michigan	55087	CC2	15	10	20	14	27	27
Zeeland Generating Station	Michigan	55087	CC3	19	28	26	23	26	41

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
St. Clair	Michigan	1743	1						
St. Clair	Michigan	1743	2						
St. Clair	Michigan	1743	3						
St. Clair	Michigan	1743	4						
St. Clair	Michigan	1743	6						
St. Clair	Michigan	1743	7						
Sumpter Plant	Michigan	7972	1						
Sumpter Plant	Michigan	7972	2						
Sumpter Plant	Michigan	7972	3						
Sumpter Plant	Michigan	7972	4						
TES Filer City Station	Michigan	50835	1						
TES Filer City Station	Michigan	50835	2						
Thetford	Michigan	1719	1						
Thetford	Michigan	1719	2						
Thetford	Michigan	1719	3						
Thetford	Michigan	1719	4						
Trenton Channel	Michigan	1745	16						
Trenton Channel	Michigan	1745	17						
Trenton Channel	Michigan	1745	18						
Trenton Channel	Michigan	1745	19						
Trenton Channel	Michigan	1745	9A						
Wyandotte	Michigan	1866	5						
Wyandotte	Michigan	1866	7						
Wyandotte	Michigan	1866	8						
Zeeland Generating Station	Michigan	55087	CC1						
Zeeland Generating Station	Michigan	55087	CC2						
Zeeland Generating Station	Michigan	55087	CC3						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
St. Clair	Michigan	1743	1				
St. Clair	Michigan	1743	2				
St. Clair	Michigan	1743	3				
St. Clair	Michigan	1743	4				
St. Clair	Michigan	1743	6				
St. Clair	Michigan	1743	7				
Sumpter Plant	Michigan	7972	1				
Sumpter Plant	Michigan	7972	2				
Sumpter Plant	Michigan	7972	3				
Sumpter Plant	Michigan	7972	4				
TES Filer City Station	Michigan	50835	1				
TES Filer City Station	Michigan	50835	2				
Thetford	Michigan	1719	1				
Thetford	Michigan	1719	2				
Thetford	Michigan	1719	3				
Thetford	Michigan	1719	4				
Trenton Channel	Michigan	1745	16				
Trenton Channel	Michigan	1745	17				
Trenton Channel	Michigan	1745	18				
Trenton Channel	Michigan	1745	19				
Trenton Channel	Michigan	1745	9A				
Wyandotte	Michigan	1866	5				
Wyandotte	Michigan	1866	7				
Wyandotte	Michigan	1866	8				
Zeeland Generating Station	Michigan	55087	CC1				
Zeeland Generating Station	Michigan	55087	CC2				
Zeeland Generating Station	Michigan	55087	CC3				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
St. Clair	Michigan	1743	1			688	688
St. Clair	Michigan	1743	2			694	694
St. Clair	Michigan	1743	3			735	735
St. Clair	Michigan	1743	4			721	721
St. Clair	Michigan	1743	6			1,315	1,315
St. Clair	Michigan	1743	7			1,825	1,825
Sumpter Plant	Michigan	7972	1			5	5
Sumpter Plant	Michigan	7972	2			5	5
Sumpter Plant	Michigan	7972	3			5	5
Sumpter Plant	Michigan	7972	4			6	6
TES Filer City Station	Michigan	50835	1			248	248
TES Filer City Station	Michigan	50835	2			252	252
Thetford	Michigan	1719	1			2	2
Thetford	Michigan	1719	2			1	1
Thetford	Michigan	1719	3			2	2
Thetford	Michigan	1719	4			1	1
Trenton Channel	Michigan	1745	16			299	299
Trenton Channel	Michigan	1745	17			288	288
Trenton Channel	Michigan	1745	18			289	289
Trenton Channel	Michigan	1745	19			284	284
Trenton Channel	Michigan	1745	9A			2,148	2,148
Wyandotte	Michigan	1866	5			1	1
Wyandotte	Michigan	1866	7			239	239
Wyandotte	Michigan	1866	8			144	144
Zeeland Generating Station	Michigan	55087	CC1			24	24
Zeeland Generating Station	Michigan	55087	CC2			27	27
Zeeland Generating Station	Michigan	55087	CC3			41	41

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
St. Clair	Michigan	1743	1	661	661	661	661
St. Clair	Michigan	1743	2	667	667	667	667
St. Clair	Michigan	1743	3	707	707	707	707
St. Clair	Michigan	1743	4	693	693	693	693
St. Clair	Michigan	1743	6	1,264	1,264	1,264	1,264
St. Clair	Michigan	1743	7	1,754	1,754	1,754	1,754
Sumpter Plant	Michigan	7972	1	5	5	5	5
Sumpter Plant	Michigan	7972	2	5	5	5	5
Sumpter Plant	Michigan	7972	3	5	5	5	5
Sumpter Plant	Michigan	7972	4	6	6	6	6
TES Filer City Station	Michigan	50835	1	238	238	238	238
TES Filer City Station	Michigan	50835	2	242	242	242	242
Thetford	Michigan	1719	1	2	2	2	2
Thetford	Michigan	1719	2	1	1	1	1
Thetford	Michigan	1719	3	1	1	1	1
Thetford	Michigan	1719	4	1	1	1	1
Trenton Channel	Michigan	1745	16	287	287	287	287
Trenton Channel	Michigan	1745	17	277	277	277	277
Trenton Channel	Michigan	1745	18	277	277	277	277
Trenton Channel	Michigan	1745	19	273	273	273	273
Trenton Channel	Michigan	1745	9A	2,065	2,065	2,065	2,065
Wyandotte	Michigan	1866	5	1	1	1	1
Wyandotte	Michigan	1866	7	230	230	230	230
Wyandotte	Michigan	1866	8	138	138	138	138
Zeeland Generating Station	Michigan	55087	CC1	24	24	24	24
Zeeland Generating Station	Michigan	55087	CC2	27	27	27	27
Zeeland Generating Station	Michigan	55087	CC3	41	41	41	41

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
St. Clair	Michigan	1743	1	3,910,841	4,078,100	3,536,927	3,263,490	3,252,166	3,841,956
St. Clair	Michigan	1743	2	3,672,557	3,752,300	4,253,606	4,060,913	3,849,744	4,054,754
St. Clair	Michigan	1743	3	4,105,933	4,183,345	4,499,925	3,710,640	3,699,760	4,263,068
St. Clair	Michigan	1743	4	4,323,978	4,225,086	3,620,902	3,750,347	3,639,794	4,099,804
St. Clair	Michigan	1743	6	7,455,711	8,214,639	6,636,468	7,734,083	7,491,590	7,813,437
St. Clair	Michigan	1743	7	9,863,788	10,873,583	11,405,991	6,286,611	10,309,359	10,862,978
Sumpter Plant	Michigan	7972	1	152,272	147,588	84,736	5,407	155,306	151,722
Sumpter Plant	Michigan	7972	2	162,957	153,947	88,094	5,019	154,864	157,256
Sumpter Plant	Michigan	7972	3	158,920	156,016	75,802	10,178	142,836	152,591
Sumpter Plant	Michigan	7972	4	154,012	186,417	73,889	10,094	132,868	157,766
TES Filer City Station	Michigan	50835	1			1,412,261	1,412,871	1,428,677	1,417,936
TES Filer City Station	Michigan	50835	2			1,432,994	1,422,131	1,396,325	1,417,150
Thetford	Michigan	1719	1	20,659	22,058	35,931	3,466	1,911	26,216
Thetford	Michigan	1719	2	16,692	13,783	9,906	2,922	1,335	13,460
Thetford	Michigan	1719	3	17,170	25,517	7,052	3,257	4,788	16,580
Thetford	Michigan	1719	4	11,635	7,717	20,259	3,875	6,873	13,204
Trenton Channel	Michigan	1745	16	1,758,887	1,673,867	1,515,634	1,317,534	1,079,088	1,649,463
Trenton Channel	Michigan	1745	17	1,703,585	1,738,077	1,471,039	1,442,171	1,403,321	1,637,567
Trenton Channel	Michigan	1745	18	1,623,370	1,682,483	1,398,142	1,249,187	1,334,994	1,567,998
Trenton Channel	Michigan	1745	19	1,640,500	1,574,459	1,214,255	1,311,949	1,421,328	1,545,429
Trenton Channel	Michigan	1745	9A	12,707,209	11,611,213	11,608,181	12,710,612	13,062,969	12,826,930
Wyandotte	Michigan	1866	5				11,276	15,031	13,154
Wyandotte	Michigan	1866	7	1,451,191	1,343,559	1,174,128	798,314	834,810	1,322,959
Wyandotte	Michigan	1866	8	943,790	893,919	872,586	741,372	565,782	903,432
Zeeland Generating Station	Michigan	55087	CC1	325,345	519,377	755,046	243,166	954,206	742,876
Zeeland Generating Station	Michigan	55087	CC2	312,129	502,024	666,840	215,956	1,015,049	727,971
Zeeland Generating Station	Michigan	55087	CC3	778,048	2,266,343	1,159,059	310,085	2,055,560	1,826,987

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
St. Clair	Michigan	1743	1	405,725,128	0.009469	27,480	26,476	260	251
St. Clair	Michigan	1743	2	405,725,128	0.009994	27,480	26,476	275	265
St. Clair	Michigan	1743	3	405,725,128	0.010507	27,480	26,476	289	278
St. Clair	Michigan	1743	4	405,725,128	0.010105	27,480	26,476	278	268
St. Clair	Michigan	1743	6	405,725,128	0.019258	27,480	26,476	529	510
St. Clair	Michigan	1743	7	405,725,128	0.026774	27,480	26,476	736	709
Sumpter Plant	Michigan	7972	1	405,725,128	0.000374	27,480	26,476	10	10
Sumpter Plant	Michigan	7972	2	405,725,128	0.000388	27,480	26,476	11	10
Sumpter Plant	Michigan	7972	3	405,725,128	0.000376	27,480	26,476	10	10
Sumpter Plant	Michigan	7972	4	405,725,128	0.000389	27,480	26,476	11	10
TES Filer City Station	Michigan	50835	1	405,725,128	0.003495	27,480	26,476	96	93
TES Filer City Station	Michigan	50835	2	405,725,128	0.003493	27,480	26,476	96	92
Thetford	Michigan	1719	1	405,725,128	0.000065	27,480	26,476	2	2
Thetford	Michigan	1719	2	405,725,128	0.000033	27,480	26,476	1	1
Thetford	Michigan	1719	3	405,725,128	0.000041	27,480	26,476	1	1
Thetford	Michigan	1719	4	405,725,128	0.000033	27,480	26,476	1	1
Trenton Channel	Michigan	1745	16	405,725,128	0.004065	27,480	26,476	112	108
Trenton Channel	Michigan	1745	17	405,725,128	0.004036	27,480	26,476	111	107
Trenton Channel	Michigan	1745	18	405,725,128	0.003865	27,480	26,476	106	102
Trenton Channel	Michigan	1745	19	405,725,128	0.003809	27,480	26,476	105	101
Trenton Channel	Michigan	1745	9A	405,725,128	0.031615	27,480	26,476	869	837
Wyandotte	Michigan	1866	5	405,725,128	0.000032	27,480	26,476	1	1
Wyandotte	Michigan	1866	7	405,725,128	0.003261	27,480	26,476	90	86
Wyandotte	Michigan	1866	8	405,725,128	0.002227	27,480	26,476	61	59
Zeeland Generating Station	Michigan	55087	CC1	405,725,128	0.001831	27,480	26,476	50	48
Zeeland Generating Station	Michigan	55087	CC2	405,725,128	0.001794	27,480	26,476	49	48
Zeeland Generating Station	Michigan	55087	CC3	405,725,128	0.004503	27,480	26,476	124	119

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
St. Clair	Michigan	1743	1	923	1,258	1,259	626	743	653
St. Clair	Michigan	1743	2	432	739	645	551	615	741
St. Clair	Michigan	1743	3	1,137	484	661	810	820	961
St. Clair	Michigan	1743	4	1,170	1,089	602	703	676	650
St. Clair	Michigan	1743	6	551	586	492	518	586	517
St. Clair	Michigan	1743	7	904	992	768	815	1,037	1,080
Sumpter Plant	Michigan	7972	1	2	0	3	2	2	1
Sumpter Plant	Michigan	7972	2	2	1	3	2	2	2
Sumpter Plant	Michigan	7972	3	2	1	3	2	2	1
Sumpter Plant	Michigan	7972	4	2	1	3	2	3	1
TES Filer City Station	Michigan	50835	1						265
TES Filer City Station	Michigan	50835	2						254
Thetford	Michigan	1719	1	1	1	17	5	5	8
Thetford	Michigan	1719	2	1	2	19	4	3	2
Thetford	Michigan	1719	3	1	1	20	4	6	2
Thetford	Michigan	1719	4	1	1	21	3	2	5
Trenton Channel	Michigan	1745	16	339	449	346	367	352	342
Trenton Channel	Michigan	1745	17	360	417	333	360	364	339
Trenton Channel	Michigan	1745	18	289	422	333	341	352	320
Trenton Channel	Michigan	1745	19	324	398	337	345	334	282
Trenton Channel	Michigan	1745	9A	1,121	1,025	1,104	1,210	1,049	1,049
Wyandotte	Michigan	1866	5						
Wyandotte	Michigan	1866	7	180	189	201	243	255	220
Wyandotte	Michigan	1866	8	44	58	57	55	32	69
Zeeland Generating Station	Michigan	55087	CC1	1		6	5	8	12
Zeeland Generating Station	Michigan	55087	CC2	1	1	3	6	8	10
Zeeland Generating Station	Michigan	55087	CC3	7	10	24	11	21	13

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
St. Clair	Michigan	1743	1	638	478	1,259			
St. Clair	Michigan	1743	2	767	821	821			
St. Clair	Michigan	1743	3	771	773	1,137			
St. Clair	Michigan	1743	4	582	670	1,170			
St. Clair	Michigan	1743	6	681	598	681			
St. Clair	Michigan	1743	7	563	983	1,080			
Sumpter Plant	Michigan	7972	1	0	2	3			
Sumpter Plant	Michigan	7972	2	0	2	3			
Sumpter Plant	Michigan	7972	3	0	2	3			
Sumpter Plant	Michigan	7972	4	0	2	3			
TES Filer City Station	Michigan	50835	1	295	322	322			
TES Filer City Station	Michigan	50835	2	263	270	270			
Thetford	Michigan	1719	1	1	0	17			
Thetford	Michigan	1719	2	1	0	19			
Thetford	Michigan	1719	3	1	1	20			
Thetford	Michigan	1719	4	1	2	21			
Trenton Channel	Michigan	1745	16	303	275	449			
Trenton Channel	Michigan	1745	17	328	354	417			
Trenton Channel	Michigan	1745	18	280	337	422			
Trenton Channel	Michigan	1745	19	296	355	398			
Trenton Channel	Michigan	1745	9A	1,180	1,317	1,317			
Wyandotte	Michigan	1866	5	0	0	0			
Wyandotte	Michigan	1866	7	129	103	255			
Wyandotte	Michigan	1866	8	78	60	78			
Zeeland Generating Station	Michigan	55087	CC1	4	16	16			
Zeeland Generating Station	Michigan	55087	CC2	3	18	18			
Zeeland Generating Station	Michigan	55087	CC3	5	19	24			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
St. Clair	Michigan	1743	1					
St. Clair	Michigan	1743	2					
St. Clair	Michigan	1743	3					
St. Clair	Michigan	1743	4					
St. Clair	Michigan	1743	6					
St. Clair	Michigan	1743	7					
Sumpter Plant	Michigan	7972	1					
Sumpter Plant	Michigan	7972	2					
Sumpter Plant	Michigan	7972	3					
Sumpter Plant	Michigan	7972	4					
TES Filer City Station	Michigan	50835	1					
TES Filer City Station	Michigan	50835	2					
Thetford	Michigan	1719	1					
Thetford	Michigan	1719	2					
Thetford	Michigan	1719	3					
Thetford	Michigan	1719	4					
Trenton Channel	Michigan	1745	16					
Trenton Channel	Michigan	1745	17					
Trenton Channel	Michigan	1745	18					
Trenton Channel	Michigan	1745	19					
Trenton Channel	Michigan	1745	9A					
Wyandotte	Michigan	1866	5					
Wyandotte	Michigan	1866	7					
Wyandotte	Michigan	1866	8					
Zeeland Generating Station	Michigan	55087	CC1					
Zeeland Generating Station	Michigan	55087	CC2					
Zeeland Generating Station	Michigan	55087	CC3					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
St. Clair	Michigan	1743	1					Y
St. Clair	Michigan	1743	2					Y
St. Clair	Michigan	1743	3					Y
St. Clair	Michigan	1743	4					Y
St. Clair	Michigan	1743	6					Y
St. Clair	Michigan	1743	7					Y
Sumpter Plant	Michigan	7972	1					Y
Sumpter Plant	Michigan	7972	2					Y
Sumpter Plant	Michigan	7972	3					Y
Sumpter Plant	Michigan	7972	4					Y
TES Filer City Station	Michigan	50835	1					Y
TES Filer City Station	Michigan	50835	2					Y
Thetford	Michigan	1719	1					Y
Thetford	Michigan	1719	2					Y
Thetford	Michigan	1719	3					Y
Thetford	Michigan	1719	4					Y
Trenton Channel	Michigan	1745	16					Y
Trenton Channel	Michigan	1745	17					Y
Trenton Channel	Michigan	1745	18					Y
Trenton Channel	Michigan	1745	19					Y
Trenton Channel	Michigan	1745	9A					Y
Wyandotte	Michigan	1866	5					Y
Wyandotte	Michigan	1866	7					Y
Wyandotte	Michigan	1866	8					Y
Zeeland Generating Station	Michigan	55087	CC1					Y
Zeeland Generating Station	Michigan	55087	CC2					Y
Zeeland Generating Station	Michigan	55087	CC3					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
St. Clair	Michigan	1743	1	Y		Y		
St. Clair	Michigan	1743	2	Y		Y		
St. Clair	Michigan	1743	3	Y		Y		
St. Clair	Michigan	1743	4	Y		Y		
St. Clair	Michigan	1743	6	Y		Y		
St. Clair	Michigan	1743	7	Y		Y		
Sumpter Plant	Michigan	7972	1	Y		Y		
Sumpter Plant	Michigan	7972	2	Y		Y		
Sumpter Plant	Michigan	7972	3	Y		Y		
Sumpter Plant	Michigan	7972	4	Y		Y		
TES Filer City Station	Michigan	50835	1	Y		Y		
TES Filer City Station	Michigan	50835	2	Y		Y		
Thetford	Michigan	1719	1	Y		Y		
Thetford	Michigan	1719	2	Y		Y		
Thetford	Michigan	1719	3	Y		Y		
Thetford	Michigan	1719	4	Y		Y		
Trenton Channel	Michigan	1745	16	Y		Y		
Trenton Channel	Michigan	1745	17	Y		Y		
Trenton Channel	Michigan	1745	18	Y		Y		
Trenton Channel	Michigan	1745	19	Y		Y		
Trenton Channel	Michigan	1745	9A	Y		Y		
Wyandotte	Michigan	1866	5	Y		Y		
Wyandotte	Michigan	1866	7	Y		Y		
Wyandotte	Michigan	1866	8	Y		Y		
Zeeland Generating Station	Michigan	55087	CC1	Y		Y		
Zeeland Generating Station	Michigan	55087	CC2	Y		Y		
Zeeland Generating Station	Michigan	55087	CC3	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Zeeland Generating Station	Michigan	55087	CC4	3868	1,502,541	3,081,107	2,238,399	1,616,427	2,826,116
Attala Generating Plant	Mississippi	55220	A01	4165	6,414,206	7,828,794	5,938,844	4,798,837	4,988,486
Attala Generating Plant	Mississippi	55220	A02	4166	6,351,758	7,661,950	7,197,445	4,745,080	5,946,387
Batesville Generation Facility	Mississippi	55063	1	3846	5,200,658	6,521,009	4,764,028	6,116,363	4,693,517
Batesville Generation Facility	Mississippi	55063	2	3847	4,790,086	3,404,017	4,044,971	7,249,669	5,361,859
Batesville Generation Facility	Mississippi	55063	3	3848	6,579,864	5,875,797	9,048,000	5,093,294	8,932,968
Baxter Wilson	Mississippi	2050	1	1293	8,306,511	11,861,509	11,110,287	15,831,050	22,428,433
Baxter Wilson	Mississippi	2050	2	1294	3,695,691	9,272,467	11,893,563	8,278,016	7,567,600
Caledonia	Mississippi	55197	AA-001	4102	1,896,160	4,624,754	5,776,580	8,411,360	9,345,613
Caledonia	Mississippi	55197	AA-002	4103	2,558,203	5,113,431	5,896,726	8,782,558	9,662,444
Caledonia	Mississippi	55197	AA-003	4104	2,236,657	4,859,738	5,310,894	8,482,780	10,029,565
Chevron Cogenerating Station	Mississippi	2047	5	1285	8,054,040	6,982,719	7,210,666	8,042,221	7,869,997
Choctaw County Gen	Mississippi	55706	CTG1	9224		671,132	38,317	184,046	762,385
Choctaw County Gen	Mississippi	55706	CTG2	9225		417,751	225,078	203,407	1,123,713
Choctaw County Gen	Mississippi	55706	CTG3	9226		445,741	184,756	187,346	1,109,561
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	8924	468,167	3,544,463	5,885,575	4,561,973	9,816,858
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	8926	319,110	3,023,607	5,686,212	5,002,228	9,509,621
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	9056		74,449	13,522	22,805	80,684
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	9057		19,185	46,992	37,195	77,345
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	9058		31,951	35,705	24,769	70,341
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	9059		78,330	25,366	33,706	68,638
Daniel Electric Generating Plant	Mississippi	6073	1	2744	47,079,918	38,285,774	37,646,253	29,216,735	28,621,102
Daniel Electric Generating Plant	Mississippi	6073	2	2745	34,601,715	39,067,143	35,561,806	30,586,162	31,608,858
Daniel Electric Generating Plant	Mississippi	6073	3A	2746	5,980,651	6,318,179	6,707,793	9,860,019	9,904,273
Daniel Electric Generating Plant	Mississippi	6073	3B	2747	5,565,245	6,302,719	6,443,638	10,278,993	9,881,631
Daniel Electric Generating Plant	Mississippi	6073	4A	2748	5,273,828	5,863,474	5,898,706	9,834,523	9,002,695
Daniel Electric Generating Plant	Mississippi	6073	4B	2749	5,195,851	5,726,122	6,426,476	10,052,322	8,969,273

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Zeeland Generating Station	Michigan	55087	CC4	2,715,207	894,745,311	0.003035	224,717	141,115
Attala Generating Plant	Mississippi	55220	A01	6,727,282	412,995,679	0.016289		
Attala Generating Plant	Mississippi	55220	A02	7,070,384	412,995,679	0.017120		
Batesville Generation Facility	Mississippi	55063	1	5,946,010	412,995,679	0.014397		
Batesville Generation Facility	Mississippi	55063	2	5,800,538	412,995,679	0.014045		
Batesville Generation Facility	Mississippi	55063	3	8,186,944	412,995,679	0.019823		
Baxter Wilson	Mississippi	2050	1	16,706,997	412,995,679	0.040453		
Baxter Wilson	Mississippi	2050	2	9,814,682	412,995,679	0.023765		
Caledonia	Mississippi	55197	AA-001	7,844,517	412,995,679	0.018994		
Caledonia	Mississippi	55197	AA-002	8,113,909	412,995,679	0.019646		
Caledonia	Mississippi	55197	AA-003	7,941,079	412,995,679	0.019228		
Chevron Cogenerating Station	Mississippi	2047	5	7,988,753	412,995,679	0.019343		
Choctaw County Gen	Mississippi	55706	CTG1	539,188	412,995,679	0.001306		
Choctaw County Gen	Mississippi	55706	CTG2	588,847	412,995,679	0.001426		
Choctaw County Gen	Mississippi	55706	CTG3	580,883	412,995,679	0.001407		
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	6,754,802	412,995,679	0.016356		
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	6,732,687	412,995,679	0.016302		
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	59,313	412,995,679	0.000144		
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	53,844	412,995,679	0.000130		
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	45,999	412,995,679	0.000111		
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	60,225	412,995,679	0.000146		
Daniel Electric Generating Plant	Mississippi	6073	1	41,003,982	412,995,679	0.099284		
Daniel Electric Generating Plant	Mississippi	6073	2	36,410,222	412,995,679	0.088161		
Daniel Electric Generating Plant	Mississippi	6073	3A	8,824,028	412,995,679	0.021366		
Daniel Electric Generating Plant	Mississippi	6073	3B	8,868,087	412,995,679	0.021473		
Daniel Electric Generating Plant	Mississippi	6073	4A	8,245,308	412,995,679	0.019965		
Daniel Electric Generating Plant	Mississippi	6073	4B	8,482,690	412,995,679	0.020539		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Zeeland Generating Station	Michigan	55087	CC4	64,113	61,779	682	428	195	187
Attala Generating Plant	Mississippi	55220	A01						
Attala Generating Plant	Mississippi	55220	A02						
Batesville Generation Facility	Mississippi	55063	1						
Batesville Generation Facility	Mississippi	55063	2						
Batesville Generation Facility	Mississippi	55063	3						
Baxter Wilson	Mississippi	2050	1						
Baxter Wilson	Mississippi	2050	2						
Caledonia	Mississippi	55197	AA-001						
Caledonia	Mississippi	55197	AA-002						
Caledonia	Mississippi	55197	AA-003						
Chevron Cogenerating Station	Mississippi	2047	5						
Choctaw County Gen	Mississippi	55706	CTG1						
Choctaw County Gen	Mississippi	55706	CTG2						
Choctaw County Gen	Mississippi	55706	CTG3						
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001						
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002						
Crossroads Energy Center (CPU)	Mississippi	55395	CT01						
Crossroads Energy Center (CPU)	Mississippi	55395	CT02						
Crossroads Energy Center (CPU)	Mississippi	55395	CT03						
Crossroads Energy Center (CPU)	Mississippi	55395	CT04						
Daniel Electric Generating Plant	Mississippi	6073	1						
Daniel Electric Generating Plant	Mississippi	6073	2						
Daniel Electric Generating Plant	Mississippi	6073	3A						
Daniel Electric Generating Plant	Mississippi	6073	3B						
Daniel Electric Generating Plant	Mississippi	6073	4A						
Daniel Electric Generating Plant	Mississippi	6073	4B						

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Zeeland Generating Station	Michigan	55087	CC4	0	0	1	0	1	1
Attala Generating Plant	Mississippi	55220	A01	0	1	2	2	2	2
Attala Generating Plant	Mississippi	55220	A02	0	1	2	2	2	2
Batesville Generation Facility	Mississippi	55063	1	1	1	1	2	2	1
Batesville Generation Facility	Mississippi	55063	2	1	1	1	1	1	1
Batesville Generation Facility	Mississippi	55063	3	1	2	2	2	2	3
Baxter Wilson	Mississippi	2050	1	1	886	280	2	475	3
Baxter Wilson	Mississippi	2050	2	1	3,259	4,417	391	3	4
Caledonia	Mississippi	55197	AA-001	0	1	1	1	1	2
Caledonia	Mississippi	55197	AA-002	0	1	1	1	2	2
Caledonia	Mississippi	55197	AA-003	0	1	1	1	1	2
Chevron Cogenerating Station	Mississippi	2047	5	10	10	9	10	9	9
Choctaw County Gen	Mississippi	55706	CTG1	0				0	0
Choctaw County Gen	Mississippi	55706	CTG2	0				0	0
Choctaw County Gen	Mississippi	55706	CTG3	0				0	0
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001				0	1	2
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002				0	1	2
Crossroads Energy Center (CPU)	Mississippi	55395	CT01			0		0	0
Crossroads Energy Center (CPU)	Mississippi	55395	CT02			0		0	0
Crossroads Energy Center (CPU)	Mississippi	55395	CT03			0		0	0
Crossroads Energy Center (CPU)	Mississippi	55395	CT04			0		0	0
Daniel Electric Generating Plant	Mississippi	6073	1	13,237	14,125	13,807	18,355	16,046	13,828
Daniel Electric Generating Plant	Mississippi	6073	2	14,369	17,110	15,224	13,406	16,081	13,194
Daniel Electric Generating Plant	Mississippi	6073	3A	1	2	2	2	2	2
Daniel Electric Generating Plant	Mississippi	6073	3B	1	2	2	2	2	2
Daniel Electric Generating Plant	Mississippi	6073	4A	1	2	1	2	2	2
Daniel Electric Generating Plant	Mississippi	6073	4B	1	2	1	2	2	2

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Zeeland Generating Station	Michigan	55087	CC4	0	1	1			
Attala Generating Plant	Mississippi	55220	A01	1	1	2			
Attala Generating Plant	Mississippi	55220	A02	1	2	2			
Batesville Generation Facility	Mississippi	55063	1	2	1	2			
Batesville Generation Facility	Mississippi	55063	2	2	2	2			
Batesville Generation Facility	Mississippi	55063	3	2	3	3			
Baxter Wilson	Mississippi	2050	1	5	129	886			
Baxter Wilson	Mississippi	2050	2	2	2	4,417			
Caledonia	Mississippi	55197	AA-001	3	3	3			
Caledonia	Mississippi	55197	AA-002	3	3	3			
Caledonia	Mississippi	55197	AA-003	3	3	3			
Chevron Cogenerating Station	Mississippi	2047	5	10	10	10			
Choctaw County Gen	Mississippi	55706	CTG1	0	0	0			
Choctaw County Gen	Mississippi	55706	CTG2	0	0	0			
Choctaw County Gen	Mississippi	55706	CTG3	0	0	0			
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	1	3	3			
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	2	3	3			
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	0	0	0			
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	0	0	0			
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	0	0	0			
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	0	0	0			
Daniel Electric Generating Plant	Mississippi	6073	1	9,550	9,743	18,355			
Daniel Electric Generating Plant	Mississippi	6073	2	10,329	11,063	17,110			
Daniel Electric Generating Plant	Mississippi	6073	3A	3	3	3			
Daniel Electric Generating Plant	Mississippi	6073	3B	3	3	3			
Daniel Electric Generating Plant	Mississippi	6073	4A	3	3	3			
Daniel Electric Generating Plant	Mississippi	6073	4B	3	3	3			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Zeeland Generating Station	Michigan	55087	CC4				14	9	37
Attala Generating Plant	Mississippi	55220	A01				11	13	38
Attala Generating Plant	Mississippi	55220	A02				11	16	53
Batesville Generation Facility	Mississippi	55063	1				36	50	61
Batesville Generation Facility	Mississippi	55063	2				76	77	80
Batesville Generation Facility	Mississippi	55063	3				43	74	102
Baxter Wilson	Mississippi	2050	1				396	776	980
Baxter Wilson	Mississippi	2050	2				929	1,391	4,012
Caledonia	Mississippi	55197	AA-001				10	39	28
Caledonia	Mississippi	55197	AA-002				8	38	27
Caledonia	Mississippi	55197	AA-003				10	36	28
Chevron Cogenerating Station	Mississippi	2047	5				234	230	226
Choctaw County Gen	Mississippi	55706	CTG1				5		
Choctaw County Gen	Mississippi	55706	CTG2				5		
Choctaw County Gen	Mississippi	55706	CTG3				4		
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001						
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002						
Crossroads Energy Center (CPU)	Mississippi	55395	CT01						0
Crossroads Energy Center (CPU)	Mississippi	55395	CT02						1
Crossroads Energy Center (CPU)	Mississippi	55395	CT03						0
Crossroads Energy Center (CPU)	Mississippi	55395	CT04						1
Daniel Electric Generating Plant	Mississippi	6073	1				4,828	5,192	5,330
Daniel Electric Generating Plant	Mississippi	6073	2				5,857	5,976	5,509
Daniel Electric Generating Plant	Mississippi	6073	3A				16	27	26
Daniel Electric Generating Plant	Mississippi	6073	3B				13	24	27
Daniel Electric Generating Plant	Mississippi	6073	4A				18	26	25
Daniel Electric Generating Plant	Mississippi	6073	4B				15	23	25

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Zeeland Generating Station	Michigan	55087	CC4	17	30	28	21	26	37
Attala Generating Plant	Mississippi	55220	A01	27	37	31	20	19	38
Attala Generating Plant	Mississippi	55220	A02	19	32	32	19	22	53
Batesville Generation Facility	Mississippi	55063	1	73	92	69	108	87	108
Batesville Generation Facility	Mississippi	55063	2	71	46	66	166	101	166
Batesville Generation Facility	Mississippi	55063	3	92	74	140	121	143	143
Baxter Wilson	Mississippi	2050	1	1,087	986	1,348	2,520	3,294	3,294
Baxter Wilson	Mississippi	2050	2	816	2,144	2,644	1,747	1,422	4,012
Caledonia	Mississippi	55197	AA-001	20	37	46	58	53	58
Caledonia	Mississippi	55197	AA-002	32	50	49	61	51	61
Caledonia	Mississippi	55197	AA-003	24	40	44	52	52	52
Chevron Cogenerating Station	Mississippi	2047	5	250	226	218	249	241	250
Choctaw County Gen	Mississippi	55706	CTG1		13	1	4	9	13
Choctaw County Gen	Mississippi	55706	CTG2		11	5	4	16	16
Choctaw County Gen	Mississippi	55706	CTG3		8	4	3	16	16
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	14	37	67	49	74	74
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	9	28	58	45	72	72
Crossroads Energy Center (CPU)	Mississippi	55395	CT01		1	0	0	1	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT02		0	1	0	1	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT03		0	3	0	1	3
Crossroads Energy Center (CPU)	Mississippi	55395	CT04		1	1	0	1	1
Daniel Electric Generating Plant	Mississippi	6073	1	7,685	6,787	6,081	4,667	3,211	7,685
Daniel Electric Generating Plant	Mississippi	6073	2	5,145	6,429	5,589	2,510	2,887	6,429
Daniel Electric Generating Plant	Mississippi	6073	3A	24	26	31	48	43	48
Daniel Electric Generating Plant	Mississippi	6073	3B	23	27	29	48	41	48
Daniel Electric Generating Plant	Mississippi	6073	4A	26	29	31	42	41	42
Daniel Electric Generating Plant	Mississippi	6073	4B	26	29	34	43	38	43

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Zeeland Generating Station	Michigan	55087	CC4						
Attala Generating Plant	Mississippi	55220	A01						
Attala Generating Plant	Mississippi	55220	A02						
Batesville Generation Facility	Mississippi	55063	1						
Batesville Generation Facility	Mississippi	55063	2						
Batesville Generation Facility	Mississippi	55063	3						
Baxter Wilson	Mississippi	2050	1						
Baxter Wilson	Mississippi	2050	2						
Caledonia	Mississippi	55197	AA-001						
Caledonia	Mississippi	55197	AA-002						
Caledonia	Mississippi	55197	AA-003						
Chevron Cogenerating Station	Mississippi	2047	5						
Choctaw County Gen	Mississippi	55706	CTG1						
Choctaw County Gen	Mississippi	55706	CTG2						
Choctaw County Gen	Mississippi	55706	CTG3						
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001						
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002						
Crossroads Energy Center (CPU)	Mississippi	55395	CT01						
Crossroads Energy Center (CPU)	Mississippi	55395	CT02						
Crossroads Energy Center (CPU)	Mississippi	55395	CT03						
Crossroads Energy Center (CPU)	Mississippi	55395	CT04						
Daniel Electric Generating Plant	Mississippi	6073	1						
Daniel Electric Generating Plant	Mississippi	6073	2						
Daniel Electric Generating Plant	Mississippi	6073	3A						
Daniel Electric Generating Plant	Mississippi	6073	3B						
Daniel Electric Generating Plant	Mississippi	6073	4A						
Daniel Electric Generating Plant	Mississippi	6073	4B						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Zeeland Generating Station	Michigan	55087	CC4				
Attala Generating Plant	Mississippi	55220	A01				
Attala Generating Plant	Mississippi	55220	A02				
Batesville Generation Facility	Mississippi	55063	1				
Batesville Generation Facility	Mississippi	55063	2				
Batesville Generation Facility	Mississippi	55063	3				
Baxter Wilson	Mississippi	2050	1				
Baxter Wilson	Mississippi	2050	2				
Caledonia	Mississippi	55197	AA-001				
Caledonia	Mississippi	55197	AA-002				
Caledonia	Mississippi	55197	AA-003				
Chevron Cogenerating Station	Mississippi	2047	5				
Choctaw County Gen	Mississippi	55706	CTG1				
Choctaw County Gen	Mississippi	55706	CTG2				
Choctaw County Gen	Mississippi	55706	CTG3				
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001				
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002				
Crossroads Energy Center (CPU)	Mississippi	55395	CT01				
Crossroads Energy Center (CPU)	Mississippi	55395	CT02				
Crossroads Energy Center (CPU)	Mississippi	55395	CT03				
Crossroads Energy Center (CPU)	Mississippi	55395	CT04				
Daniel Electric Generating Plant	Mississippi	6073	1				
Daniel Electric Generating Plant	Mississippi	6073	2				
Daniel Electric Generating Plant	Mississippi	6073	3A				
Daniel Electric Generating Plant	Mississippi	6073	3B				
Daniel Electric Generating Plant	Mississippi	6073	4A				
Daniel Electric Generating Plant	Mississippi	6073	4B				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Zeeland Generating Station	Michigan	55087	CC4			37	37
Attala Generating Plant	Mississippi	55220	A01				
Attala Generating Plant	Mississippi	55220	A02				
Batesville Generation Facility	Mississippi	55063	1				
Batesville Generation Facility	Mississippi	55063	2				
Batesville Generation Facility	Mississippi	55063	3				
Baxter Wilson	Mississippi	2050	1				
Baxter Wilson	Mississippi	2050	2				
Caledonia	Mississippi	55197	AA-001				
Caledonia	Mississippi	55197	AA-002				
Caledonia	Mississippi	55197	AA-003				
Chevron Cogenerating Station	Mississippi	2047	5				
Choctaw County Gen	Mississippi	55706	CTG1				
Choctaw County Gen	Mississippi	55706	CTG2				
Choctaw County Gen	Mississippi	55706	CTG3				
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001				
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002				
Crossroads Energy Center (CPU)	Mississippi	55395	CT01				
Crossroads Energy Center (CPU)	Mississippi	55395	CT02				
Crossroads Energy Center (CPU)	Mississippi	55395	CT03				
Crossroads Energy Center (CPU)	Mississippi	55395	CT04				
Daniel Electric Generating Plant	Mississippi	6073	1				
Daniel Electric Generating Plant	Mississippi	6073	2				
Daniel Electric Generating Plant	Mississippi	6073	3A				
Daniel Electric Generating Plant	Mississippi	6073	3B				
Daniel Electric Generating Plant	Mississippi	6073	4A				
Daniel Electric Generating Plant	Mississippi	6073	4B				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Zeeland Generating Station	Michigan	55087	CC4	37	37	37	37
Attala Generating Plant	Mississippi	55220	A01				
Attala Generating Plant	Mississippi	55220	A02				
Batesville Generation Facility	Mississippi	55063	1				
Batesville Generation Facility	Mississippi	55063	2				
Batesville Generation Facility	Mississippi	55063	3				
Baxter Wilson	Mississippi	2050	1				
Baxter Wilson	Mississippi	2050	2				
Caledonia	Mississippi	55197	AA-001				
Caledonia	Mississippi	55197	AA-002				
Caledonia	Mississippi	55197	AA-003				
Chevron Cogenerating Station	Mississippi	2047	5				
Choctaw County Gen	Mississippi	55706	CTG1				
Choctaw County Gen	Mississippi	55706	CTG2				
Choctaw County Gen	Mississippi	55706	CTG3				
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001				
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002				
Crossroads Energy Center (CPU)	Mississippi	55395	CT01				
Crossroads Energy Center (CPU)	Mississippi	55395	CT02				
Crossroads Energy Center (CPU)	Mississippi	55395	CT03				
Crossroads Energy Center (CPU)	Mississippi	55395	CT04				
Daniel Electric Generating Plant	Mississippi	6073	1				
Daniel Electric Generating Plant	Mississippi	6073	2				
Daniel Electric Generating Plant	Mississippi	6073	3A				
Daniel Electric Generating Plant	Mississippi	6073	3B				
Daniel Electric Generating Plant	Mississippi	6073	4A				
Daniel Electric Generating Plant	Mississippi	6073	4B				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Zeeland Generating Station	Michigan	55087	CC4	785,594	2,349,143	1,154,808	315,683	2,081,876	1,861,943
Attala Generating Plant	Mississippi	55220	A01	3,791,469	3,507,838	2,383,241	2,591,182	2,191,550	3,296,830
Attala Generating Plant	Mississippi	55220	A02	4,011,442	3,693,707	3,223,619	2,306,250	3,304,471	3,669,873
Batesville Generation Facility	Mississippi	55063	1	2,861,573	4,387,860	2,159,371	3,480,948	2,788,585	3,576,794
Batesville Generation Facility	Mississippi	55063	2	3,277,942	2,256,207	2,233,615	3,582,600	3,117,090	3,325,877
Batesville Generation Facility	Mississippi	55063	3	4,563,029	2,470,945	4,122,791	1,257,002	5,005,229	4,563,683
Baxter Wilson	Mississippi	2050	1	7,122,556	9,303,267	6,216,884	9,217,123	11,233,893	9,918,094
Baxter Wilson	Mississippi	2050	2	3,196,557	7,580,140	8,575,013	7,809,571	6,651,216	7,988,241
Caledonia	Mississippi	55197	AA-001	1,697,508	2,703,697	2,259,334	3,594,926	4,200,499	3,499,707
Caledonia	Mississippi	55197	AA-002	2,025,223	2,865,347	2,474,519	3,851,809	4,121,008	3,612,721
Caledonia	Mississippi	55197	AA-003	1,773,189	2,742,502	2,342,913	3,839,124	4,287,684	3,623,104
Chevron Cogenerating Station	Mississippi	2047	5	3,520,414	2,566,536	3,077,392	3,423,013	3,892,259	3,611,895
Choctaw County Gen	Mississippi	55706	CTG1		639,389	36,566	180,869	762,385	527,548
Choctaw County Gen	Mississippi	55706	CTG2		389,359	223,298	198,722	1,123,713	578,790
Choctaw County Gen	Mississippi	55706	CTG3		430,335	152,231	171,829	1,109,561	570,575
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	379,458	3,172,270	2,517,193	1,786,559	4,689,218	3,459,560
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002		2,658,270	2,377,280	2,434,857	4,475,633	3,189,587
Crossroads Energy Center (CPU)	Mississippi	55395	CT01		74,449	9,275	22,805	78,982	58,745
Crossroads Energy Center (CPU)	Mississippi	55395	CT02		19,185	38,053	37,195	74,870	50,039
Crossroads Energy Center (CPU)	Mississippi	55395	CT03		31,951	30,965	24,769	68,478	43,798
Crossroads Energy Center (CPU)	Mississippi	55395	CT04		78,330	16,925	33,706	66,758	59,598
Daniel Electric Generating Plant	Mississippi	6073	1	19,936,782	17,530,914	14,220,260	15,666,055	15,556,007	17,711,250
Daniel Electric Generating Plant	Mississippi	6073	2	15,829,735	16,859,984	19,742,467	14,132,067	16,004,300	17,535,584
Daniel Electric Generating Plant	Mississippi	6073	3A	3,396,966	2,972,581	2,813,551	4,074,799	3,616,065	3,695,943
Daniel Electric Generating Plant	Mississippi	6073	3B	3,096,932	2,913,649	2,649,130	4,389,659	3,558,732	3,681,774
Daniel Electric Generating Plant	Mississippi	6073	4A	2,925,435	2,685,557	2,033,622	4,094,968	4,290,056	3,770,153
Daniel Electric Generating Plant	Mississippi	6073	4B	2,973,176	2,650,009	2,674,891	4,337,202	4,309,417	3,873,265

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Zeeland Generating Station	Michigan	55087	CC4	405,725,128	0.004589	27,480	26,476	126	122
Attala Generating Plant	Mississippi	55220	A01	208,920,551	0.015780	12,068	12,068	190	190
Attala Generating Plant	Mississippi	55220	A02	208,920,551	0.017566	12,068	12,068	212	212
Batesville Generation Facility	Mississippi	55063	1	208,920,551	0.017120	12,068	12,068	207	207
Batesville Generation Facility	Mississippi	55063	2	208,920,551	0.015919	12,068	12,068	192	192
Batesville Generation Facility	Mississippi	55063	3	208,920,551	0.021844	12,068	12,068	264	264
Baxter Wilson	Mississippi	2050	1	208,920,551	0.047473	12,068	12,068	573	573
Baxter Wilson	Mississippi	2050	2	208,920,551	0.038236	12,068	12,068	461	461
Caledonia	Mississippi	55197	AA-001	208,920,551	0.016751	12,068	12,068	202	202
Caledonia	Mississippi	55197	AA-002	208,920,551	0.017292	12,068	12,068	209	209
Caledonia	Mississippi	55197	AA-003	208,920,551	0.017342	12,068	12,068	209	209
Chevron Cogenerating Station	Mississippi	2047	5	208,920,551	0.017288	12,068	12,068	209	209
Choctaw County Gen	Mississippi	55706	CTG1	208,920,551	0.002525	12,068	12,068	30	30
Choctaw County Gen	Mississippi	55706	CTG2	208,920,551	0.002770	12,068	12,068	33	33
Choctaw County Gen	Mississippi	55706	CTG3	208,920,551	0.002731	12,068	12,068	33	33
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	208,920,551	0.016559	12,068	12,068	200	200
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	208,920,551	0.015267	12,068	12,068	184	184
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	208,920,551	0.000281	12,068	12,068	3	3
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	208,920,551	0.000240	12,068	12,068	3	3
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	208,920,551	0.000210	12,068	12,068	3	3
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	208,920,551	0.000285	12,068	12,068	3	3
Daniel Electric Generating Plant	Mississippi	6073	1	208,920,551	0.084775	12,068	12,068	1,023	1,023
Daniel Electric Generating Plant	Mississippi	6073	2	208,920,551	0.083934	12,068	12,068	1,013	1,013
Daniel Electric Generating Plant	Mississippi	6073	3A	208,920,551	0.017691	12,068	12,068	213	213
Daniel Electric Generating Plant	Mississippi	6073	3B	208,920,551	0.017623	12,068	12,068	213	213
Daniel Electric Generating Plant	Mississippi	6073	4A	208,920,551	0.018046	12,068	12,068	218	218
Daniel Electric Generating Plant	Mississippi	6073	4B	208,920,551	0.018539	12,068	12,068	224	224

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Zeeland Generating Station	Michigan	55087	CC4	6	8	20	10	23	15
Attala Generating Plant	Mississippi	55220	A01	6	7	18	14	17	12
Attala Generating Plant	Mississippi	55220	A02	6	10	19	8	15	14
Batesville Generation Facility	Mississippi	55063	1	25	33	38	38	61	28
Batesville Generation Facility	Mississippi	55063	2	38	42	37	44	30	31
Batesville Generation Facility	Mississippi	55063	3	34	40	64	64	28	55
Baxter Wilson	Mississippi	2050	1	156	421	772	926	759	756
Baxter Wilson	Mississippi	2050	2	374	961	3,446	719	1,768	1,855
Caledonia	Mississippi	55197	AA-001	7	21	24	17	23	20
Caledonia	Mississippi	55197	AA-002	8	22	21	21	24	21
Caledonia	Mississippi	55197	AA-003	9	20	25	17	23	23
Chevron Cogenerating Station	Mississippi	2047	5	91	96	73	108	83	90
Choctaw County Gen	Mississippi	55706	CTG1	4				12	1
Choctaw County Gen	Mississippi	55706	CTG2	3				10	4
Choctaw County Gen	Mississippi	55706	CTG3	3				7	3
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001				12	32	37
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002					25	33
Crossroads Energy Center (CPU)	Mississippi	55395	CT01			0		1	0
Crossroads Energy Center (CPU)	Mississippi	55395	CT02			1		0	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT03			0		0	3
Crossroads Energy Center (CPU)	Mississippi	55395	CT04			1		1	1
Daniel Electric Generating Plant	Mississippi	6073	1	2,717	2,395	2,463	3,187	3,095	2,358
Daniel Electric Generating Plant	Mississippi	6073	2	2,762	2,422	2,469	2,347	2,865	3,226
Daniel Electric Generating Plant	Mississippi	6073	3A	7	13	10	13	12	14
Daniel Electric Generating Plant	Mississippi	6073	3B	5	12	12	12	13	12
Daniel Electric Generating Plant	Mississippi	6073	4A	8	12	12	14	13	12
Daniel Electric Generating Plant	Mississippi	6073	4B	6	10	11	14	13	15

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Zeeland Generating Station	Michigan	55087	CC4	4	18	23			
Attala Generating Plant	Mississippi	55220	A01	8	7	18			
Attala Generating Plant	Mississippi	55220	A02	7	11	19			
Batesville Generation Facility	Mississippi	55063	1	54	47	61			
Batesville Generation Facility	Mississippi	55063	2	70	49	70			
Batesville Generation Facility	Mississippi	55063	3	31	74	74			
Baxter Wilson	Mississippi	2050	1	1,418	1,511	1,511			
Baxter Wilson	Mississippi	2050	2	1,674	1,269	3,446			
Caledonia	Mississippi	55197	AA-001	25	25	25			
Caledonia	Mississippi	55197	AA-002	28	23	28			
Caledonia	Mississippi	55197	AA-003	26	24	26			
Chevron Cogenerating Station	Mississippi	2047	5	104	113	113			
Choctaw County Gen	Mississippi	55706	CTG1	3	9	12			
Choctaw County Gen	Mississippi	55706	CTG2	3	16	16			
Choctaw County Gen	Mississippi	55706	CTG3	3	16	16			
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	16	34	37			
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	20	35	35			
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	0	1	1			
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	0	1	1			
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	0	1	3			
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	0	1	1			
Daniel Electric Generating Plant	Mississippi	6073	1	2,557	1,625	3,187			
Daniel Electric Generating Plant	Mississippi	6073	2	1,164	1,482	3,226			
Daniel Electric Generating Plant	Mississippi	6073	3A	21	16	21			
Daniel Electric Generating Plant	Mississippi	6073	3B	21	15	21			
Daniel Electric Generating Plant	Mississippi	6073	4A	18	20	20			
Daniel Electric Generating Plant	Mississippi	6073	4B	18	18	18			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Zeeland Generating Station	Michigan	55087	CC4					
Attala Generating Plant	Mississippi	55220	A01				18	18
Attala Generating Plant	Mississippi	55220	A02				19	19
Batesville Generation Facility	Mississippi	55063	1				61	61
Batesville Generation Facility	Mississippi	55063	2				70	70
Batesville Generation Facility	Mississippi	55063	3				74	74
Baxter Wilson	Mississippi	2050	1				908	908
Baxter Wilson	Mississippi	2050	2				731	731
Caledonia	Mississippi	55197	AA-001				25	25
Caledonia	Mississippi	55197	AA-002				28	28
Caledonia	Mississippi	55197	AA-003				26	26
Chevron Cogenerating Station	Mississippi	2047	5				113	113
Choctaw County Gen	Mississippi	55706	CTG1				12	12
Choctaw County Gen	Mississippi	55706	CTG2				16	16
Choctaw County Gen	Mississippi	55706	CTG3				16	16
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001				37	37
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002				35	35
Crossroads Energy Center (CPU)	Mississippi	55395	CT01				1	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT02				1	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT03				3	3
Crossroads Energy Center (CPU)	Mississippi	55395	CT04				1	1
Daniel Electric Generating Plant	Mississippi	6073	1				1,621	1,621
Daniel Electric Generating Plant	Mississippi	6073	2				1,605	1,605
Daniel Electric Generating Plant	Mississippi	6073	3A				21	21
Daniel Electric Generating Plant	Mississippi	6073	3B				21	21
Daniel Electric Generating Plant	Mississippi	6073	4A				20	20
Daniel Electric Generating Plant	Mississippi	6073	4B				18	18

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Zeeland Generating Station	Michigan	55087	CC4					Y
Attala Generating Plant	Mississippi	55220	A01	18	18	18	18	
Attala Generating Plant	Mississippi	55220	A02	19	19	19	19	
Batesville Generation Facility	Mississippi	55063	1	61	61	61	61	
Batesville Generation Facility	Mississippi	55063	2	70	70	70	70	
Batesville Generation Facility	Mississippi	55063	3	74	74	74	74	
Baxter Wilson	Mississippi	2050	1	908	908	908	908	
Baxter Wilson	Mississippi	2050	2	731	731	731	731	
Caledonia	Mississippi	55197	AA-001	25	25	25	25	
Caledonia	Mississippi	55197	AA-002	28	28	28	28	
Caledonia	Mississippi	55197	AA-003	26	26	26	26	
Chevron Cogenerating Station	Mississippi	2047	5	113	113	113	113	
Choctaw County Gen	Mississippi	55706	CTG1	12	12	12	12	
Choctaw County Gen	Mississippi	55706	CTG2	16	16	16	16	
Choctaw County Gen	Mississippi	55706	CTG3	16	16	16	16	
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	37	37	37	37	
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	35	35	35	35	
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	1	1	1	1	
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	1	1	1	1	
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	3	3	3	3	
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	1	1	1	1	
Daniel Electric Generating Plant	Mississippi	6073	1	1,621	1,621	1,621	1,621	
Daniel Electric Generating Plant	Mississippi	6073	2	1,605	1,605	1,605	1,605	
Daniel Electric Generating Plant	Mississippi	6073	3A	21	21	21	21	
Daniel Electric Generating Plant	Mississippi	6073	3B	21	21	21	21	
Daniel Electric Generating Plant	Mississippi	6073	4A	20	20	20	20	
Daniel Electric Generating Plant	Mississippi	6073	4B	18	18	18	18	

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Zeeland Generating Station	Michigan	55087	CC4	Y		Y		
Attala Generating Plant	Mississippi	55220	A01			Y		
Attala Generating Plant	Mississippi	55220	A02			Y		
Batesville Generation Facility	Mississippi	55063	1			Y		
Batesville Generation Facility	Mississippi	55063	2			Y		
Batesville Generation Facility	Mississippi	55063	3			Y		
Baxter Wilson	Mississippi	2050	1			Y		
Baxter Wilson	Mississippi	2050	2			Y		
Caledonia	Mississippi	55197	AA-001			Y		
Caledonia	Mississippi	55197	AA-002			Y		
Caledonia	Mississippi	55197	AA-003			Y		
Chevron Cogenerating Station	Mississippi	2047	5			Y		
Choctaw County Gen	Mississippi	55706	CTG1			Y		
Choctaw County Gen	Mississippi	55706	CTG2			Y		
Choctaw County Gen	Mississippi	55706	CTG3			Y		
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001			Y		
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002			Y		
Crossroads Energy Center (CPU)	Mississippi	55395	CT01			Y		
Crossroads Energy Center (CPU)	Mississippi	55395	CT02			Y		
Crossroads Energy Center (CPU)	Mississippi	55395	CT03			Y		
Crossroads Energy Center (CPU)	Mississippi	55395	CT04			Y		
Daniel Electric Generating Plant	Mississippi	6073	1			Y		
Daniel Electric Generating Plant	Mississippi	6073	2			Y		
Daniel Electric Generating Plant	Mississippi	6073	3A			Y		
Daniel Electric Generating Plant	Mississippi	6073	3B			Y		
Daniel Electric Generating Plant	Mississippi	6073	4A			Y		
Daniel Electric Generating Plant	Mississippi	6073	4B			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Delta	Mississippi	2051	1	1295	32,508		185,618		23,474
Delta	Mississippi	2051	2	1296			28,265		74,222
Gerald Andrus	Mississippi	8054	1	3449	12,507,386	14,693,032	12,657,284	3,097,477	17,968,709
Hinds Energy Facility	Mississippi	55218	H01	4155	3,693,336	4,188,528	2,643,391	2,204,761	4,261,599
Hinds Energy Facility	Mississippi	55218	H02	4156	3,788,481	4,325,376	2,759,738	2,097,673	4,636,539
Kemper County	Mississippi	7960	KCT1	3379	309,931	222,211	136,681	88,359	279,201
Kemper County	Mississippi	7960	KCT2	3380	277,440	215,010	129,778	121,798	409,357
Kemper County	Mississippi	7960	KCT3	3381	247,592	172,395	122,361	112,842	399,599
Kemper County	Mississippi	7960	KCT4	3382	259,683	177,857	107,421	93,233	263,477
Magnolia Facility	Mississippi	55451	CTG-1	4784	3,478,574	6,074,318	2,682,330	2,575,155	4,523,151
Magnolia Facility	Mississippi	55451	CTG-2	4785	3,612,475	5,742,545	2,856,779	2,500,151	3,554,814
Magnolia Facility	Mississippi	55451	CTG-3	4786	2,520,677	5,707,261	2,703,297	3,086,659	4,885,758
Moselle Generating Plant	Mississippi	2070	**4	1303	60,524	100,459	83,665	83,860	153,719
Moselle Generating Plant	Mississippi	2070	1	1307	1,654,623	1,304,196	966,065	1,082,557	965,734
Moselle Generating Plant	Mississippi	2070	2	1308	966,182	844,982	199,062	835,651	872,988
Moselle Generating Plant	Mississippi	2070	3	1309	1,471,459	982,313	263,375	463,743	1,164,377
Moselle Generating Plant	Mississippi	2070	5	1304	150,070	94,135	81,668	119,310	128,498
R D Morrow Senior Generating Plant	Mississippi	6061	1	2729	16,023,027	17,417,564	14,597,377	11,788,988	12,741,745
R D Morrow Senior Generating Plant	Mississippi	6061	2	2730	16,420,168	16,373,957	15,586,420	10,728,765	12,788,190
Red Hills Generation Facility	Mississippi	55076	AA001	3856	16,792,417	19,595,257	18,212,914	21,747,706	20,294,994
Red Hills Generation Facility	Mississippi	55076	AA002	3857	19,349,033	18,439,059	17,476,363	20,262,473	21,630,383
Rex Brown	Mississippi	2053	3	1300	226,481	129,468	44,519		
Rex Brown	Mississippi	2053	4	1301	2,730,168	2,948,031	1,820,115	1,014,996	2,542,540
Silver Creek Generating Plant	Mississippi	7988	1	88205	115,088	118,359	445,865	326,011	129,451
Silver Creek Generating Plant	Mississippi	7988	2	88206	21,742	107,365	692,868	401,361	149,976
Silver Creek Generating Plant	Mississippi	7988	3	88207	70,051	100,614	152,516	618,257	184,208
Southaven Combined Cycle	Mississippi	55269	AA-001	4373	4,237,860	6,257,749	4,889,079	7,903,596	9,281,714

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Delta	Mississippi	2051	1	80,534	412,995,679	0.000195		
Delta	Mississippi	2051	2	51,243	412,995,679	0.000124		
Gerald Andrus	Mississippi	8054	1	15,106,342	412,995,679	0.036577		
Hinds Energy Facility	Mississippi	55218	H01	4,047,821	412,995,679	0.009801		
Hinds Energy Facility	Mississippi	55218	H02	4,250,132	412,995,679	0.010291		
Kemper County	Mississippi	7960	KCT1	270,448	412,995,679	0.000655		
Kemper County	Mississippi	7960	KCT2	300,603	412,995,679	0.000728		
Kemper County	Mississippi	7960	KCT3	273,195	412,995,679	0.000661		
Kemper County	Mississippi	7960	KCT4	233,672	412,995,679	0.000566		
Magnolia Facility	Mississippi	55451	CTG-1	4,692,014	412,995,679	0.011361		
Magnolia Facility	Mississippi	55451	CTG-2	4,303,278	412,995,679	0.010420		
Magnolia Facility	Mississippi	55451	CTG-3	4,559,893	412,995,679	0.011041		
Moselle Generating Plant	Mississippi	2070	**4	112,679	412,995,679	0.000273		
Moselle Generating Plant	Mississippi	2070	1	1,347,125	412,995,679	0.003262		
Moselle Generating Plant	Mississippi	2070	2	894,718	412,995,679	0.002166		
Moselle Generating Plant	Mississippi	2070	3	1,206,050	412,995,679	0.002920		
Moselle Generating Plant	Mississippi	2070	5	132,626	412,995,679	0.000321		
R D Morrow Senior Generating Plant	Mississippi	6061	1	16,012,656	412,995,679	0.038772		
R D Morrow Senior Generating Plant	Mississippi	6061	2	16,126,848	412,995,679	0.039048		
Red Hills Generation Facility	Mississippi	55076	AA001	20,545,986	412,995,679	0.049749		
Red Hills Generation Facility	Mississippi	55076	AA002	20,413,963	412,995,679	0.049429		
Rex Brown	Mississippi	2053	3	133,490	412,995,679	0.000323		
Rex Brown	Mississippi	2053	4	2,740,246	412,995,679	0.006635		
Silver Creek Generating Plant	Mississippi	7988	1	300,442	412,995,679	0.000727		
Silver Creek Generating Plant	Mississippi	7988	2	414,735	412,995,679	0.001004		
Silver Creek Generating Plant	Mississippi	7988	3	318,327	412,995,679	0.000771		
Southaven Combined Cycle	Mississippi	55269	AA-001	7,814,353	412,995,679	0.018921		

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Delta	Mississippi	2051	1						
Delta	Mississippi	2051	2						
Gerald Andrus	Mississippi	8054	1						
Hinds Energy Facility	Mississippi	55218	H01						
Hinds Energy Facility	Mississippi	55218	H02						
Kemper County	Mississippi	7960	KCT1						
Kemper County	Mississippi	7960	KCT2						
Kemper County	Mississippi	7960	KCT3						
Kemper County	Mississippi	7960	KCT4						
Magnolia Facility	Mississippi	55451	CTG-1						
Magnolia Facility	Mississippi	55451	CTG-2						
Magnolia Facility	Mississippi	55451	CTG-3						
Moselle Generating Plant	Mississippi	2070	**4						
Moselle Generating Plant	Mississippi	2070	1						
Moselle Generating Plant	Mississippi	2070	2						
Moselle Generating Plant	Mississippi	2070	3						
Moselle Generating Plant	Mississippi	2070	5						
R D Morrow Senior Generating Plant	Mississippi	6061	1						
R D Morrow Senior Generating Plant	Mississippi	6061	2						
Red Hills Generation Facility	Mississippi	55076	AA001						
Red Hills Generation Facility	Mississippi	55076	AA002						
Rex Brown	Mississippi	2053	3						
Rex Brown	Mississippi	2053	4						
Silver Creek Generating Plant	Mississippi	7988	1						
Silver Creek Generating Plant	Mississippi	7988	2						
Silver Creek Generating Plant	Mississippi	7988	3						
Southaven Combined Cycle	Mississippi	55269	AA-001						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Delta	Mississippi	2051	1	145	14	80	4		0
Delta	Mississippi	2051	2	746	101	239			0
Gerald Andrus	Mississippi	8054	1	12,568	12,258	3,399	2,045	1,736	342
Hinds Energy Facility	Mississippi	55218	H01	1	1	1	1	1	1
Hinds Energy Facility	Mississippi	55218	H02	1	1	1	1	1	1
Kemper County	Mississippi	7960	KCT1	0	0	1	0	0	0
Kemper County	Mississippi	7960	KCT2	0	0	1	0	0	0
Kemper County	Mississippi	7960	KCT3	0	0	1	0	0	0
Kemper County	Mississippi	7960	KCT4	0	1	1	0	0	0
Magnolia Facility	Mississippi	55451	CTG-1	0	0	1	1	2	1
Magnolia Facility	Mississippi	55451	CTG-2	0	1	1	1	2	1
Magnolia Facility	Mississippi	55451	CTG-3	0	0	1	1	2	1
Moselle Generating Plant	Mississippi	2070	**4	0	0	0	0	0	0
Moselle Generating Plant	Mississippi	2070	1	1	1	0	1	0	0
Moselle Generating Plant	Mississippi	2070	2	0	1	0	0	0	0
Moselle Generating Plant	Mississippi	2070	3	1	0	0	0	0	0
Moselle Generating Plant	Mississippi	2070	5				0	0	0
R D Morrow Senior Generating Plant	Mississippi	6061	1	5,117	5,146	5,742	6,474	5,526	4,021
R D Morrow Senior Generating Plant	Mississippi	6061	2	5,662	5,648	5,719	5,991	4,901	4,133
Red Hills Generation Facility	Mississippi	55076	AA001	2,115	1,530	988	1,047	944	614
Red Hills Generation Facility	Mississippi	55076	AA002	1,938	1,398	930	1,103	705	871
Rex Brown	Mississippi	2053	3	0	0	0	0	0	0
Rex Brown	Mississippi	2053	4	1	1	1	1	1	1
Silver Creek Generating Plant	Mississippi	7988	1		0	0	0	0	0
Silver Creek Generating Plant	Mississippi	7988	2		0	0	0	0	0
Silver Creek Generating Plant	Mississippi	7988	3			0	0	0	0
Southaven Combined Cycle	Mississippi	55269	AA-001	0	0	1	1	2	1

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Delta	Mississippi	2051	1		0	145			
Delta	Mississippi	2051	2		0	746			
Gerald Andrus	Mississippi	8054	1	36	267	12,568			
Hinds Energy Facility	Mississippi	55218	H01	1	1	1			
Hinds Energy Facility	Mississippi	55218	H02	1	1	1			
Kemper County	Mississippi	7960	KCT1	0	0	1			
Kemper County	Mississippi	7960	KCT2	0	0	1			
Kemper County	Mississippi	7960	KCT3	0	0	1			
Kemper County	Mississippi	7960	KCT4	0	0	1			
Magnolia Facility	Mississippi	55451	CTG-1	1	1	2			
Magnolia Facility	Mississippi	55451	CTG-2	1	1	2			
Magnolia Facility	Mississippi	55451	CTG-3	1	1	2			
Moselle Generating Plant	Mississippi	2070	**4	0	0	0			
Moselle Generating Plant	Mississippi	2070	1	0	0	1			
Moselle Generating Plant	Mississippi	2070	2	0	0	1			
Moselle Generating Plant	Mississippi	2070	3	0	0	1			
Moselle Generating Plant	Mississippi	2070	5	0	0	0			
R D Morrow Senior Generating Plant	Mississippi	6061	1	2,921	3,684	6,474			
R D Morrow Senior Generating Plant	Mississippi	6061	2	2,730	3,927	5,991			
Red Hills Generation Facility	Mississippi	55076	AA001	733	1,076	2,115			
Red Hills Generation Facility	Mississippi	55076	AA002	1,034	1,297	1,938			
Rex Brown	Mississippi	2053	3			0			
Rex Brown	Mississippi	2053	4	0	1	1			
Silver Creek Generating Plant	Mississippi	7988	1	0	0	0			
Silver Creek Generating Plant	Mississippi	7988	2	0	0	0			
Silver Creek Generating Plant	Mississippi	7988	3	0	0	0			
Southaven Combined Cycle	Mississippi	55269	AA-001	2	3	3			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Delta	Mississippi	2051	1				40	4	30
Delta	Mississippi	2051	2				251	34	86
Gerald Andrus	Mississippi	8054	1				6,627	10,029	3,873
Hinds Energy Facility	Mississippi	55218	H01				25	21	18
Hinds Energy Facility	Mississippi	55218	H02				26	20	15
Kemper County	Mississippi	7960	KCT1				5	4	11
Kemper County	Mississippi	7960	KCT2				5	4	9
Kemper County	Mississippi	7960	KCT3				5	3	7
Kemper County	Mississippi	7960	KCT4				5	5	7
Magnolia Facility	Mississippi	55451	CTG-1				13	12	39
Magnolia Facility	Mississippi	55451	CTG-2				10	23	35
Magnolia Facility	Mississippi	55451	CTG-3				6	21	29
Moselle Generating Plant	Mississippi	2070	**4				2	1	4
Moselle Generating Plant	Mississippi	2070	1				240	295	176
Moselle Generating Plant	Mississippi	2070	2				157	255	109
Moselle Generating Plant	Mississippi	2070	3				345	96	193
Moselle Generating Plant	Mississippi	2070	5						
R D Morrow Senior Generating Plant	Mississippi	6061	1				3,584	3,389	3,435
R D Morrow Senior Generating Plant	Mississippi	6061	2				4,029	3,928	3,599
Red Hills Generation Facility	Mississippi	55076	AA001				1,076	1,123	1,080
Red Hills Generation Facility	Mississippi	55076	AA002				973	1,261	1,126
Rex Brown	Mississippi	2053	3				24	52	19
Rex Brown	Mississippi	2053	4				546	398	499
Silver Creek Generating Plant	Mississippi	7988	1				0	3	1
Silver Creek Generating Plant	Mississippi	7988	2					0	0
Silver Creek Generating Plant	Mississippi	7988	3						1
Southaven Combined Cycle	Mississippi	55269	AA-001				13	30	41

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Delta	Mississippi	2051	1	3		10		2	40
Delta	Mississippi	2051	2			1		4	251
Gerald Andrus	Mississippi	8054	1	2,374	3,925	2,735	324	2,303	10,029
Hinds Energy Facility	Mississippi	55218	H01	17	19	9	6	17	25
Hinds Energy Facility	Mississippi	55218	H02	14	20	13	8	18	26
Kemper County	Mississippi	7960	KCT1	5	4	2	2	4	11
Kemper County	Mississippi	7960	KCT2	5	4	2	2	6	9
Kemper County	Mississippi	7960	KCT3	5	3	2	2	6	7
Kemper County	Mississippi	7960	KCT4	5	3	2	3	4	7
Magnolia Facility	Mississippi	55451	CTG-1	27	42	21	20	27	42
Magnolia Facility	Mississippi	55451	CTG-2	27	40	24	20	23	40
Magnolia Facility	Mississippi	55451	CTG-3	17	47	32	25	32	47
Moselle Generating Plant	Mississippi	2070	**4	1	2	2	2	3	4
Moselle Generating Plant	Mississippi	2070	1	230	206	149	176	153	295
Moselle Generating Plant	Mississippi	2070	2	114	102	22	108	115	255
Moselle Generating Plant	Mississippi	2070	3	198	115	30	60	165	345
Moselle Generating Plant	Mississippi	2070	5	2	1	1	2	2	2
R D Morrow Senior Generating Plant	Mississippi	6061	1	3,807	4,168	3,588	2,830	3,197	4,168
R D Morrow Senior Generating Plant	Mississippi	6061	2	4,090	3,871	3,419	2,357	2,904	4,090
Red Hills Generation Facility	Mississippi	55076	AA001	944	1,221	1,204	1,211	1,229	1,229
Red Hills Generation Facility	Mississippi	55076	AA002	1,169	1,264	1,200	1,308	1,304	1,308
Rex Brown	Mississippi	2053	3	12	8	3			52
Rex Brown	Mississippi	2053	4	381	451	216	116	401	546
Silver Creek Generating Plant	Mississippi	7988	1	2	2	7	4	3	7
Silver Creek Generating Plant	Mississippi	7988	2	0	2	10	5	2	10
Silver Creek Generating Plant	Mississippi	7988	3	1	1	2	8	3	8
Southaven Combined Cycle	Mississippi	55269	AA-001	39	54	40	57	71	71

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Delta	Mississippi	2051	1						
Delta	Mississippi	2051	2						
Gerald Andrus	Mississippi	8054	1						
Hinds Energy Facility	Mississippi	55218	H01						
Hinds Energy Facility	Mississippi	55218	H02						
Kemper County	Mississippi	7960	KCT1						
Kemper County	Mississippi	7960	KCT2						
Kemper County	Mississippi	7960	KCT3						
Kemper County	Mississippi	7960	KCT4						
Magnolia Facility	Mississippi	55451	CTG-1						
Magnolia Facility	Mississippi	55451	CTG-2						
Magnolia Facility	Mississippi	55451	CTG-3						
Moselle Generating Plant	Mississippi	2070	**4						
Moselle Generating Plant	Mississippi	2070	1						
Moselle Generating Plant	Mississippi	2070	2						
Moselle Generating Plant	Mississippi	2070	3						
Moselle Generating Plant	Mississippi	2070	5						
R D Morrow Senior Generating Plant	Mississippi	6061	1						
R D Morrow Senior Generating Plant	Mississippi	6061	2						
Red Hills Generation Facility	Mississippi	55076	AA001						
Red Hills Generation Facility	Mississippi	55076	AA002						
Rex Brown	Mississippi	2053	3						
Rex Brown	Mississippi	2053	4						
Silver Creek Generating Plant	Mississippi	7988	1						
Silver Creek Generating Plant	Mississippi	7988	2						
Silver Creek Generating Plant	Mississippi	7988	3						
Southaven Combined Cycle	Mississippi	55269	AA-001						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Delta	Mississippi	2051	1				
Delta	Mississippi	2051	2				
Gerald Andrus	Mississippi	8054	1				
Hinds Energy Facility	Mississippi	55218	H01				
Hinds Energy Facility	Mississippi	55218	H02				
Kemper County	Mississippi	7960	KCT1				
Kemper County	Mississippi	7960	KCT2				
Kemper County	Mississippi	7960	KCT3				
Kemper County	Mississippi	7960	KCT4				
Magnolia Facility	Mississippi	55451	CTG-1				
Magnolia Facility	Mississippi	55451	CTG-2				
Magnolia Facility	Mississippi	55451	CTG-3				
Moselle Generating Plant	Mississippi	2070	**4				
Moselle Generating Plant	Mississippi	2070	1				
Moselle Generating Plant	Mississippi	2070	2				
Moselle Generating Plant	Mississippi	2070	3				
Moselle Generating Plant	Mississippi	2070	5				
R D Morrow Senior Generating Plant	Mississippi	6061	1				
R D Morrow Senior Generating Plant	Mississippi	6061	2				
Red Hills Generation Facility	Mississippi	55076	AA001				
Red Hills Generation Facility	Mississippi	55076	AA002				
Rex Brown	Mississippi	2053	3				
Rex Brown	Mississippi	2053	4				
Silver Creek Generating Plant	Mississippi	7988	1				
Silver Creek Generating Plant	Mississippi	7988	2				
Silver Creek Generating Plant	Mississippi	7988	3				
Southaven Combined Cycle	Mississippi	55269	AA-001				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Delta	Mississippi	2051	1				
Delta	Mississippi	2051	2				
Gerald Andrus	Mississippi	8054	1				
Hinds Energy Facility	Mississippi	55218	H01				
Hinds Energy Facility	Mississippi	55218	H02				
Kemper County	Mississippi	7960	KCT1				
Kemper County	Mississippi	7960	KCT2				
Kemper County	Mississippi	7960	KCT3				
Kemper County	Mississippi	7960	KCT4				
Magnolia Facility	Mississippi	55451	CTG-1				
Magnolia Facility	Mississippi	55451	CTG-2				
Magnolia Facility	Mississippi	55451	CTG-3				
Moselle Generating Plant	Mississippi	2070	**4				
Moselle Generating Plant	Mississippi	2070	1				
Moselle Generating Plant	Mississippi	2070	2				
Moselle Generating Plant	Mississippi	2070	3				
Moselle Generating Plant	Mississippi	2070	5				
R D Morrow Senior Generating Plant	Mississippi	6061	1				
R D Morrow Senior Generating Plant	Mississippi	6061	2				
Red Hills Generation Facility	Mississippi	55076	AA001				
Red Hills Generation Facility	Mississippi	55076	AA002				
Rex Brown	Mississippi	2053	3				
Rex Brown	Mississippi	2053	4				
Silver Creek Generating Plant	Mississippi	7988	1				
Silver Creek Generating Plant	Mississippi	7988	2				
Silver Creek Generating Plant	Mississippi	7988	3				
Southaven Combined Cycle	Mississippi	55269	AA-001				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Delta	Mississippi	2051	1				
Delta	Mississippi	2051	2				
Gerald Andrus	Mississippi	8054	1				
Hinds Energy Facility	Mississippi	55218	H01				
Hinds Energy Facility	Mississippi	55218	H02				
Kemper County	Mississippi	7960	KCT1				
Kemper County	Mississippi	7960	KCT2				
Kemper County	Mississippi	7960	KCT3				
Kemper County	Mississippi	7960	KCT4				
Magnolia Facility	Mississippi	55451	CTG-1				
Magnolia Facility	Mississippi	55451	CTG-2				
Magnolia Facility	Mississippi	55451	CTG-3				
Moselle Generating Plant	Mississippi	2070	**4				
Moselle Generating Plant	Mississippi	2070	1				
Moselle Generating Plant	Mississippi	2070	2				
Moselle Generating Plant	Mississippi	2070	3				
Moselle Generating Plant	Mississippi	2070	5				
R D Morrow Senior Generating Plant	Mississippi	6061	1				
R D Morrow Senior Generating Plant	Mississippi	6061	2				
Red Hills Generation Facility	Mississippi	55076	AA001				
Red Hills Generation Facility	Mississippi	55076	AA002				
Rex Brown	Mississippi	2053	3				
Rex Brown	Mississippi	2053	4				
Silver Creek Generating Plant	Mississippi	7988	1				
Silver Creek Generating Plant	Mississippi	7988	2				
Silver Creek Generating Plant	Mississippi	7988	3				
Southaven Combined Cycle	Mississippi	55269	AA-001				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Delta	Mississippi	2051	1	32,508		185,618		21,210	79,779
Delta	Mississippi	2051	2			28,265		74,222	51,243
Gerald Andrus	Mississippi	8054	1	7,688,927	10,985,353	8,456,104	2,883,337	13,424,790	10,955,416
Hinds Energy Facility	Mississippi	55218	H01	2,155,773	2,166,190	1,625,496	1,652,305	2,728,118	2,350,027
Hinds Energy Facility	Mississippi	55218	H02	2,225,964	2,214,171	1,719,457	1,623,188	3,139,488	2,526,541
Kemper County	Mississippi	7960	KCT1	212,502	155,471	70,529	66,431	197,203	188,392
Kemper County	Mississippi	7960	KCT2	201,359	150,999	70,418	68,925	270,524	207,627
Kemper County	Mississippi	7960	KCT3	187,803	130,264	70,573	61,523	255,289	191,119
Kemper County	Mississippi	7960	KCT4	199,833	123,677	68,198	60,146	191,311	171,607
Magnolia Facility	Mississippi	55451	CTG-1	2,749,668	3,213,744	1,543,292	1,696,808	2,707,590	2,890,334
Magnolia Facility	Mississippi	55451	CTG-2	2,793,439	3,289,840	1,634,812	1,720,643	2,851,729	2,978,336
Magnolia Facility	Mississippi	55451	CTG-3	1,772,120	3,134,667	1,602,810	1,820,121	3,328,592	2,761,127
Moselle Generating Plant	Mississippi	2070	**4	24,106	79,442	20,815	67,155	122,729	89,775
Moselle Generating Plant	Mississippi	2070	1	756,733	404,466	168,726	706,927	545,684	669,781
Moselle Generating Plant	Mississippi	2070	2	644,534	463,678	183,753	162,885	400,284	502,832
Moselle Generating Plant	Mississippi	2070	3	599,635	692,355	140,344	238,862	494,797	595,596
Moselle Generating Plant	Mississippi	2070	5	106,050	80,078	30,908	73,184	70,008	86,437
R D Morrow Senior Generating Plant	Mississippi	6061	1	7,415,941	8,265,396	5,327,629	6,133,709	5,831,190	7,271,682
R D Morrow Senior Generating Plant	Mississippi	6061	2	7,865,276	6,615,265	7,634,527	4,957,375	7,116,741	7,538,848
Red Hills Generation Facility	Mississippi	55076	AA001	7,447,455	8,597,695	9,775,513	10,184,457	9,484,871	9,814,947
Red Hills Generation Facility	Mississippi	55076	AA002	7,505,133	8,793,495	9,671,983	8,027,655	9,630,422	9,365,300
Rex Brown	Mississippi	2053	3	186,520	129,468	44,084			120,024
Rex Brown	Mississippi	2053	4	2,211,602	1,755,379	1,345,985	971,476	2,033,018	2,000,000
Silver Creek Generating Plant	Mississippi	7988	1	63,768	99,011	376,702	316,267	72,566	263,993
Silver Creek Generating Plant	Mississippi	7988	2	14,685	91,552	638,771	386,803	103,349	376,308
Silver Creek Generating Plant	Mississippi	7988	3	51,828	72,229	65,879	601,368	100,000	257,865
Southaven Combined Cycle	Mississippi	55269	AA-001	2,600,703	2,852,800	2,004,228	3,809,491	3,943,188	3,535,159

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Delta	Mississippi	2051	1	208,920,551	0.000382	12,068	12,068	5	5
Delta	Mississippi	2051	2	208,920,551	0.000245	12,068	12,068	3	3
Gerald Andrus	Mississippi	8054	1	208,920,551	0.052438	12,068	12,068	633	633
Hinds Energy Facility	Mississippi	55218	H01	208,920,551	0.011248	12,068	12,068	136	136
Hinds Energy Facility	Mississippi	55218	H02	208,920,551	0.012093	12,068	12,068	146	146
Kemper County	Mississippi	7960	KCT1	208,920,551	0.000902	12,068	12,068	11	11
Kemper County	Mississippi	7960	KCT2	208,920,551	0.000994	12,068	12,068	12	12
Kemper County	Mississippi	7960	KCT3	208,920,551	0.000915	12,068	12,068	11	11
Kemper County	Mississippi	7960	KCT4	208,920,551	0.000821	12,068	12,068	10	10
Magnolia Facility	Mississippi	55451	CTG-1	208,920,551	0.013835	12,068	12,068	167	167
Magnolia Facility	Mississippi	55451	CTG-2	208,920,551	0.014256	12,068	12,068	172	172
Magnolia Facility	Mississippi	55451	CTG-3	208,920,551	0.013216	12,068	12,068	159	159
Moselle Generating Plant	Mississippi	2070	**4	208,920,551	0.000430	12,068	12,068	5	5
Moselle Generating Plant	Mississippi	2070	1	208,920,551	0.003206	12,068	12,068	39	39
Moselle Generating Plant	Mississippi	2070	2	208,920,551	0.002407	12,068	12,068	29	29
Moselle Generating Plant	Mississippi	2070	3	208,920,551	0.002851	12,068	12,068	34	34
Moselle Generating Plant	Mississippi	2070	5	208,920,551	0.000414	12,068	12,068	5	5
R D Morrow Senior Generating Plant	Mississippi	6061	1	208,920,551	0.034806	12,068	12,068	420	420
R D Morrow Senior Generating Plant	Mississippi	6061	2	208,920,551	0.036085	12,068	12,068	435	435
Red Hills Generation Facility	Mississippi	55076	AA001	208,920,551	0.046979	12,068	12,068	567	567
Red Hills Generation Facility	Mississippi	55076	AA002	208,920,551	0.044827	12,068	12,068	541	541
Rex Brown	Mississippi	2053	3	208,920,551	0.000574	12,068	12,068	7	7
Rex Brown	Mississippi	2053	4	208,920,551	0.009573	12,068	12,068	116	116
Silver Creek Generating Plant	Mississippi	7988	1	208,920,551	0.001264	12,068	12,068	15	15
Silver Creek Generating Plant	Mississippi	7988	2	208,920,551	0.001801	12,068	12,068	22	22
Silver Creek Generating Plant	Mississippi	7988	3	208,920,551	0.001234	12,068	12,068	15	15
Southaven Combined Cycle	Mississippi	55269	AA-001	208,920,551	0.016921	12,068	12,068	204	204

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Delta	Mississippi	2051	1	9	4	22	3		10
Delta	Mississippi	2051	2	164	3	27			1
Gerald Andrus	Mississippi	8054	1	2,684	4,080	3,240	1,374	3,051	1,831
Hinds Energy Facility	Mississippi	55218	H01	11	10	13	9	9	4
Hinds Energy Facility	Mississippi	55218	H02	14	8	9	7	11	7
Kemper County	Mississippi	7960	KCT1	1	2	8	3	2	1
Kemper County	Mississippi	7960	KCT2	2	2	7	3	2	1
Kemper County	Mississippi	7960	KCT3	2	2	6	3	2	1
Kemper County	Mississippi	7960	KCT4	2	3	6	3	2	1
Magnolia Facility	Mississippi	55451	CTG-1	6	10	24	21	23	13
Magnolia Facility	Mississippi	55451	CTG-2	7	20	22	20	23	15
Magnolia Facility	Mississippi	55451	CTG-3	6	16	17	12	28	17
Moselle Generating Plant	Mississippi	2070	**4	1	1	3	0	2	0
Moselle Generating Plant	Mississippi	2070	1	100	142	66	94	58	23
Moselle Generating Plant	Mississippi	2070	2	50	95	91	70	53	20
Moselle Generating Plant	Mississippi	2070	3	156	36	83	71	79	16
Moselle Generating Plant	Mississippi	2070	5				1	1	0
R D Morrow Senior Generating Plant	Mississippi	6061	1	1,553	1,536	1,394	1,713	2,010	1,336
R D Morrow Senior Generating Plant	Mississippi	6061	2	1,894	1,658	1,655	1,951	1,568	1,745
Red Hills Generation Facility	Mississippi	55076	AA001	446	490	416	437	560	657
Red Hills Generation Facility	Mississippi	55076	AA002	375	547	418	439	622	653
Rex Brown	Mississippi	2053	3	6	25	15	10	8	3
Rex Brown	Mississippi	2053	4	345	268	351	299	231	152
Silver Creek Generating Plant	Mississippi	7988	1		0	0	1	2	5
Silver Creek Generating Plant	Mississippi	7988	2		0	0	0	1	9
Silver Creek Generating Plant	Mississippi	7988	3			1	1	1	1
Southaven Combined Cycle	Mississippi	55269	AA-001	11	16	25	23	27	18

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Delta	Mississippi	2051	1		2	22			
Delta	Mississippi	2051	2		4	164			
Gerald Andrus	Mississippi	8054	1	294	1,713	4,080			
Hinds Energy Facility	Mississippi	55218	H01	3	10	13			
Hinds Energy Facility	Mississippi	55218	H02	5	12	14			
Kemper County	Mississippi	7960	KCT1	1	3	8			
Kemper County	Mississippi	7960	KCT2	1	3	7			
Kemper County	Mississippi	7960	KCT3	1	3	6			
Kemper County	Mississippi	7960	KCT4	1	2	6			
Magnolia Facility	Mississippi	55451	CTG-1	13	16	24			
Magnolia Facility	Mississippi	55451	CTG-2	14	18	23			
Magnolia Facility	Mississippi	55451	CTG-3	14	22	28			
Moselle Generating Plant	Mississippi	2070	**4	1	2	3			
Moselle Generating Plant	Mississippi	2070	1	112	79	142			
Moselle Generating Plant	Mississippi	2070	2	20	46	95			
Moselle Generating Plant	Mississippi	2070	3	31	65	156			
Moselle Generating Plant	Mississippi	2070	5	1	1	1			
R D Morrow Senior Generating Plant	Mississippi	6061	1	1,463	1,449	2,010			
R D Morrow Senior Generating Plant	Mississippi	6061	2	1,110	1,617	1,951			
Red Hills Generation Facility	Mississippi	55076	AA001	562	574	657			
Red Hills Generation Facility	Mississippi	55076	AA002	524	592	653			
Rex Brown	Mississippi	2053	3			25			
Rex Brown	Mississippi	2053	4	112	310	351			
Silver Creek Generating Plant	Mississippi	7988	1	4	1	5			
Silver Creek Generating Plant	Mississippi	7988	2	5	1	9			
Silver Creek Generating Plant	Mississippi	7988	3	8	1	8			
Southaven Combined Cycle	Mississippi	55269	AA-001	29	26	29			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Delta	Mississippi	2051	1				7	7
Delta	Mississippi	2051	2				5	5
Gerald Andrus	Mississippi	8054	1				1,003	1,003
Hinds Energy Facility	Mississippi	55218	H01				13	13
Hinds Energy Facility	Mississippi	55218	H02				14	14
Kemper County	Mississippi	7960	KCT1				8	8
Kemper County	Mississippi	7960	KCT2				7	7
Kemper County	Mississippi	7960	KCT3				6	6
Kemper County	Mississippi	7960	KCT4				6	6
Magnolia Facility	Mississippi	55451	CTG-1				24	24
Magnolia Facility	Mississippi	55451	CTG-2				23	23
Magnolia Facility	Mississippi	55451	CTG-3				28	28
Moselle Generating Plant	Mississippi	2070	**4				3	3
Moselle Generating Plant	Mississippi	2070	1				61	61
Moselle Generating Plant	Mississippi	2070	2				46	46
Moselle Generating Plant	Mississippi	2070	3				55	55
Moselle Generating Plant	Mississippi	2070	5				1	1
R D Morrow Senior Generating Plant	Mississippi	6061	1				666	666
R D Morrow Senior Generating Plant	Mississippi	6061	2				690	690
Red Hills Generation Facility	Mississippi	55076	AA001				657	657
Red Hills Generation Facility	Mississippi	55076	AA002				653	653
Rex Brown	Mississippi	2053	3				11	11
Rex Brown	Mississippi	2053	4				183	183
Silver Creek Generating Plant	Mississippi	7988	1				5	5
Silver Creek Generating Plant	Mississippi	7988	2				9	9
Silver Creek Generating Plant	Mississippi	7988	3				8	8
Southaven Combined Cycle	Mississippi	55269	AA-001				29	29

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Delta	Mississippi	2051	1	7	7	7	7	
Delta	Mississippi	2051	2	5	5	5	5	
Gerald Andrus	Mississippi	8054	1	1,003	1,003	1,003	1,003	
Hinds Energy Facility	Mississippi	55218	H01	13	13	13	13	
Hinds Energy Facility	Mississippi	55218	H02	14	14	14	14	
Kemper County	Mississippi	7960	KCT1	8	8	8	8	
Kemper County	Mississippi	7960	KCT2	7	7	7	7	
Kemper County	Mississippi	7960	KCT3	6	6	6	6	
Kemper County	Mississippi	7960	KCT4	6	6	6	6	
Magnolia Facility	Mississippi	55451	CTG-1	24	24	24	24	
Magnolia Facility	Mississippi	55451	CTG-2	23	23	23	23	
Magnolia Facility	Mississippi	55451	CTG-3	28	28	28	28	
Moselle Generating Plant	Mississippi	2070	**4	3	3	3	3	
Moselle Generating Plant	Mississippi	2070	1	61	61	61	61	
Moselle Generating Plant	Mississippi	2070	2	46	46	46	46	
Moselle Generating Plant	Mississippi	2070	3	55	55	55	55	
Moselle Generating Plant	Mississippi	2070	5	1	1	1	1	
R D Morrow Senior Generating Plant	Mississippi	6061	1	666	666	666	666	
R D Morrow Senior Generating Plant	Mississippi	6061	2	690	690	690	690	
Red Hills Generation Facility	Mississippi	55076	AA001	657	657	657	657	
Red Hills Generation Facility	Mississippi	55076	AA002	653	653	653	653	
Rex Brown	Mississippi	2053	3	11	11	11	11	
Rex Brown	Mississippi	2053	4	183	183	183	183	
Silver Creek Generating Plant	Mississippi	7988	1	5	5	5	5	
Silver Creek Generating Plant	Mississippi	7988	2	9	9	9	9	
Silver Creek Generating Plant	Mississippi	7988	3	8	8	8	8	
Southaven Combined Cycle	Mississippi	55269	AA-001	29	29	29	29	

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Delta	Mississippi	2051	1			Y		
Delta	Mississippi	2051	2			Y		
Gerald Andrus	Mississippi	8054	1			Y		
Hinds Energy Facility	Mississippi	55218	H01			Y		
Hinds Energy Facility	Mississippi	55218	H02			Y		
Kemper County	Mississippi	7960	KCT1			Y		
Kemper County	Mississippi	7960	KCT2			Y		
Kemper County	Mississippi	7960	KCT3			Y		
Kemper County	Mississippi	7960	KCT4			Y		
Magnolia Facility	Mississippi	55451	CTG-1			Y		
Magnolia Facility	Mississippi	55451	CTG-2			Y		
Magnolia Facility	Mississippi	55451	CTG-3			Y		
Moselle Generating Plant	Mississippi	2070	**4			Y		
Moselle Generating Plant	Mississippi	2070	1			Y		
Moselle Generating Plant	Mississippi	2070	2			Y		
Moselle Generating Plant	Mississippi	2070	3			Y		
Moselle Generating Plant	Mississippi	2070	5			Y		
R D Morrow Senior Generating Plant	Mississippi	6061	1			Y		
R D Morrow Senior Generating Plant	Mississippi	6061	2			Y		
Red Hills Generation Facility	Mississippi	55076	AA001			Y		
Red Hills Generation Facility	Mississippi	55076	AA002			Y		
Rex Brown	Mississippi	2053	3			Y		
Rex Brown	Mississippi	2053	4			Y		
Silver Creek Generating Plant	Mississippi	7988	1			Y		
Silver Creek Generating Plant	Mississippi	7988	2			Y		
Silver Creek Generating Plant	Mississippi	7988	3			Y		
Southaven Combined Cycle	Mississippi	55269	AA-001			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Southaven Combined Cycle	Mississippi	55269	AA-002	4374	3,738,235	3,089,583	3,721,115	8,207,248	9,237,970
Southaven Combined Cycle	Mississippi	55269	AA-003	4375	3,773,949	6,647,239	5,052,107	6,985,394	10,340,470
Sweatt Electric Generating Plant	Mississippi	2048	1	1286	15,460	131,695	27,787		38,393
Sweatt Electric Generating Plant	Mississippi	2048	2	1287	12,721	131,376	15,706		36,366
Sweatt Electric Generating Plant	Mississippi	2048	CTA	90050			20,570	2,974	5,192
Sweatt Electric Generating Plant	Mississippi	2048	CTB	90314			21,128	2,949	5,168
Sylvarena Generating Plant	Mississippi	7989	1	88208	326,204	405,395	275,611	345,017	309,181
Sylvarena Generating Plant	Mississippi	7989	2	88209	552,812	471,226	320,956	320,673	429,025
Sylvarena Generating Plant	Mississippi	7989	3	88210	570,335	702,349	237,927	359,052	456,106
Watson Electric Generating Plant	Mississippi	2049	1	1288	51,126	125,801	48,787		18,376
Watson Electric Generating Plant	Mississippi	2049	2	1289	63,415	127,809	61,584		35,255
Watson Electric Generating Plant	Mississippi	2049	3	1290	96,948	124,177	59,546		52,141
Watson Electric Generating Plant	Mississippi	2049	4	1291	16,968,255	18,214,334	15,569,833	13,217,059	8,519,864
Watson Electric Generating Plant	Mississippi	2049	5	1292	32,225,161	30,324,472	36,823,560	17,292,104	23,539,656
Watson Electric Generating Plant	Mississippi	2049	CTA	90051			8,158	2,138	1,770
Watson Electric Generating Plant	Mississippi	2049	CTB	90315			7,810	2,319	1,846
Beatrice	Nebraska	8000	1	88088	1,144,009	1,977,770	1,714,771	673,174	279,594
Beatrice	Nebraska	8000	2	88089	1,280,227	1,892,091	1,341,949	766,444	379,605
C W Burdick	Nebraska	2241	B-3	1372	17,023	13,856	5,535	65,545	6,237
C W Burdick	Nebraska	2241	GT-2	88133	77,763	102,195	85,943	16,635	9,641
C W Burdick	Nebraska	2241	GT-3	88134	93,863	98,299	58,716	12,983	6,666
Canaday	Nebraska	2226	1	1367	473,800	1,458,805	288,744	154,878	292,329
Cass County Station	Nebraska	55972	CT1	89191	590,415	649,014	301,667	73,697	303,239
Cass County Station	Nebraska	55972	CT2	89192	626,721	691,331	639,527	120,268	214,947
Gerald Gentleman Station	Nebraska	6077	1	2754	50,632,642	53,453,160	47,668,279	52,247,088	49,744,536
Gerald Gentleman Station	Nebraska	6077	2	2755	58,461,168	50,686,605	58,783,061	54,242,446	48,449,125
Gerald Whelan Energy Center	Nebraska	60	1	57	6,885,674	6,243,384	6,409,487	5,801,926	5,689,332

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Southaven Combined Cycle	Mississippi	55269	AA-002	7,061,151	412,995,679	0.017097		
Southaven Combined Cycle	Mississippi	55269	AA-003	7,991,034	412,995,679	0.019349		
Sweatt Electric Generating Plant	Mississippi	2048	1	65,958	412,995,679	0.000160		
Sweatt Electric Generating Plant	Mississippi	2048	2	61,150	412,995,679	0.000148		
Sweatt Electric Generating Plant	Mississippi	2048	CTA	9,579	412,995,679	0.000023		
Sweatt Electric Generating Plant	Mississippi	2048	CTB	9,748	412,995,679	0.000024		
Sylvarena Generating Plant	Mississippi	7989	1	358,872	412,995,679	0.000869		
Sylvarena Generating Plant	Mississippi	7989	2	484,355	412,995,679	0.001173		
Sylvarena Generating Plant	Mississippi	7989	3	576,263	412,995,679	0.001395		
Watson Electric Generating Plant	Mississippi	2049	1	75,238	412,995,679	0.000182		
Watson Electric Generating Plant	Mississippi	2049	2	84,269	412,995,679	0.000204		
Watson Electric Generating Plant	Mississippi	2049	3	93,557	412,995,679	0.000227		
Watson Electric Generating Plant	Mississippi	2049	4	16,917,474	412,995,679	0.040963		
Watson Electric Generating Plant	Mississippi	2049	5	33,124,398	412,995,679	0.080205		
Watson Electric Generating Plant	Mississippi	2049	CTA	4,022	412,995,679	0.000010		
Watson Electric Generating Plant	Mississippi	2049	CTB	3,992	412,995,679	0.000010		
Beatrice	Nebraska	8000	1	1,612,183	284,932,328	0.005658	62,450	62,450
Beatrice	Nebraska	8000	2	1,504,756	284,932,328	0.005281	62,450	62,450
C W Burdick	Nebraska	2241	B-3	32,141	284,932,328	0.000113	62,450	62,450
C W Burdick	Nebraska	2241	GT-2	88,634	284,932,328	0.000311	62,450	62,450
C W Burdick	Nebraska	2241	GT-3	83,626	284,932,328	0.000293	62,450	62,450
Canaday	Nebraska	2226	1	741,645	284,932,328	0.002603	62,450	62,450
Cass County Station	Nebraska	55972	CT1	514,223	284,932,328	0.001805	62,450	62,450
Cass County Station	Nebraska	55972	CT2	652,526	284,932,328	0.002290	62,450	62,450
Gerald Gentleman Station	Nebraska	6077	1	52,110,964	284,932,328	0.182889	62,450	62,450
Gerald Gentleman Station	Nebraska	6077	2	57,162,225	284,932,328	0.200617	62,450	62,450
Gerald Whelan Energy Center	Nebraska	60	1	6,512,849	284,932,328	0.022858	62,450	62,450

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Southaven Combined Cycle	Mississippi	55269	AA-002						
Southaven Combined Cycle	Mississippi	55269	AA-003						
Sweatt Electric Generating Plant	Mississippi	2048	1						
Sweatt Electric Generating Plant	Mississippi	2048	2						
Sweatt Electric Generating Plant	Mississippi	2048	CTA						
Sweatt Electric Generating Plant	Mississippi	2048	CTB						
Sylvarena Generating Plant	Mississippi	7989	1						
Sylvarena Generating Plant	Mississippi	7989	2						
Sylvarena Generating Plant	Mississippi	7989	3						
Watson Electric Generating Plant	Mississippi	2049	1						
Watson Electric Generating Plant	Mississippi	2049	2						
Watson Electric Generating Plant	Mississippi	2049	3						
Watson Electric Generating Plant	Mississippi	2049	4						
Watson Electric Generating Plant	Mississippi	2049	5						
Watson Electric Generating Plant	Mississippi	2049	CTA						
Watson Electric Generating Plant	Mississippi	2049	CTB						
Beatrice	Nebraska	8000	1	28,237	28,237	353	353	160	160
Beatrice	Nebraska	8000	2	28,237	28,237	330	330	149	149
C W Burdick	Nebraska	2241	B-3	28,237	28,237	7	7	3	3
C W Burdick	Nebraska	2241	GT-2	28,237	28,237	19	19	9	9
C W Burdick	Nebraska	2241	GT-3	28,237	28,237	18	18	8	8
Canaday	Nebraska	2226	1	28,237	28,237	163	163	73	73
Cass County Station	Nebraska	55972	CT1	28,237	28,237	113	113	51	51
Cass County Station	Nebraska	55972	CT2	28,237	28,237	143	143	65	65
Gerald Gentleman Station	Nebraska	6077	1	28,237	28,237	11,421	11,421	5,164	5,164
Gerald Gentleman Station	Nebraska	6077	2	28,237	28,237	12,529	12,529	5,665	5,665
Gerald Whelan Energy Center	Nebraska	60	1	28,237	28,237	1,427	1,427	645	645

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Southaven Combined Cycle	Mississippi	55269	AA-002	0	0	1	1	1	1
Southaven Combined Cycle	Mississippi	55269	AA-003	0	0	1	1	2	2
Sweatt Electric Generating Plant	Mississippi	2048	1	0	0	0	0	0	0
Sweatt Electric Generating Plant	Mississippi	2048	2	0	0	0	0	0	0
Sweatt Electric Generating Plant	Mississippi	2048	CTA						
Sweatt Electric Generating Plant	Mississippi	2048	CTB						
Sylvarena Generating Plant	Mississippi	7989	1	0	0	0	0	0	0
Sylvarena Generating Plant	Mississippi	7989	2	0	0	0	0	0	0
Sylvarena Generating Plant	Mississippi	7989	3	0	0	0	0	0	0
Watson Electric Generating Plant	Mississippi	2049	1	0	0	0	0	0	0
Watson Electric Generating Plant	Mississippi	2049	2	0	0	0	0	0	0
Watson Electric Generating Plant	Mississippi	2049	3	0	0	0	0	0	0
Watson Electric Generating Plant	Mississippi	2049	4	8,092	8,838	8,798	9,874	8,842	8,525
Watson Electric Generating Plant	Mississippi	2049	5	16,777	14,998	14,427	19,239	14,487	19,655
Watson Electric Generating Plant	Mississippi	2049	CTA						
Watson Electric Generating Plant	Mississippi	2049	CTB						
Beatrice	Nebraska	8000	1		0	0	0	1	1
Beatrice	Nebraska	8000	2		0	0	0	1	0
C W Burdick	Nebraska	2241	B-3	0	0	0	0	0	0
C W Burdick	Nebraska	2241	GT-2	1	0	0	0	0	2
C W Burdick	Nebraska	2241	GT-3	1	0	0	0	0	2
Canaday	Nebraska	2226	1	6	6	72	7	82	3
Cass County Station	Nebraska	55972	CT1	0	0	0	0	0	0
Cass County Station	Nebraska	55972	CT2	0	0	0	0	0	0
Gerald Gentleman Station	Nebraska	6077	1	16,613	15,453	14,001	14,854	15,137	13,928
Gerald Gentleman Station	Nebraska	6077	2	14,476	16,582	14,170	16,281	13,679	17,434
Gerald Whelan Energy Center	Nebraska	60	1	2,152	2,352	2,563	2,330	2,207	2,229

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Southaven Combined Cycle	Mississippi	55269	AA-002	2	3	3			
Southaven Combined Cycle	Mississippi	55269	AA-003	2	3	3			
Sweatt Electric Generating Plant	Mississippi	2048	1		0	0			
Sweatt Electric Generating Plant	Mississippi	2048	2		0	0			
Sweatt Electric Generating Plant	Mississippi	2048	CTA	0	0	0			
Sweatt Electric Generating Plant	Mississippi	2048	CTB	0	0	0			
Sylvarena Generating Plant	Mississippi	7989	1	0	0	0			
Sylvarena Generating Plant	Mississippi	7989	2	0	0	0			
Sylvarena Generating Plant	Mississippi	7989	3	0	0	0			
Watson Electric Generating Plant	Mississippi	2049	1		0	0			
Watson Electric Generating Plant	Mississippi	2049	2		0	0			
Watson Electric Generating Plant	Mississippi	2049	3		0	0			
Watson Electric Generating Plant	Mississippi	2049	4	5,593	6,774	9,874			
Watson Electric Generating Plant	Mississippi	2049	5	7,173	16,669	19,655			
Watson Electric Generating Plant	Mississippi	2049	CTA	0	0	0			
Watson Electric Generating Plant	Mississippi	2049	CTB	0	0	0			
Beatrice	Nebraska	8000	1	0	0	1			
Beatrice	Nebraska	8000	2	0	0	1			
C W Burdick	Nebraska	2241	B-3	0	0	0			
C W Burdick	Nebraska	2241	GT-2	0	0	2			
C W Burdick	Nebraska	2241	GT-3	0	0	2			
Canaday	Nebraska	2226	1	3	2	82			
Cass County Station	Nebraska	55972	CT1	0	0	0			
Cass County Station	Nebraska	55972	CT2	0	0	0			
Gerald Gentleman Station	Nebraska	6077	1	15,805	14,999	16,613			
Gerald Gentleman Station	Nebraska	6077	2	16,125	14,742	17,434			
Gerald Whelan Energy Center	Nebraska	60	1	2,001	2,301	2,563			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Southaven Combined Cycle	Mississippi	55269	AA-002				13	28	41
Southaven Combined Cycle	Mississippi	55269	AA-003				9	28	42
Sweatt Electric Generating Plant	Mississippi	2048	1				3	0	4
Sweatt Electric Generating Plant	Mississippi	2048	2				3	1	2
Sweatt Electric Generating Plant	Mississippi	2048	CTA						
Sweatt Electric Generating Plant	Mississippi	2048	CTB						
Sylvarena Generating Plant	Mississippi	7989	1				2	12	21
Sylvarena Generating Plant	Mississippi	7989	2				4	69	30
Sylvarena Generating Plant	Mississippi	7989	3				16	49	36
Watson Electric Generating Plant	Mississippi	2049	1				3	3	6
Watson Electric Generating Plant	Mississippi	2049	2				3	4	8
Watson Electric Generating Plant	Mississippi	2049	3				37	16	15
Watson Electric Generating Plant	Mississippi	2049	4				4,413	4,562	3,637
Watson Electric Generating Plant	Mississippi	2049	5				11,559	9,830	7,946
Watson Electric Generating Plant	Mississippi	2049	CTA						
Watson Electric Generating Plant	Mississippi	2049	CTB						
Beatrice	Nebraska	8000	1					2	10
Beatrice	Nebraska	8000	2					2	10
C W Burdick	Nebraska	2241	B-3				11	1	1
C W Burdick	Nebraska	2241	GT-2				1	0	1
C W Burdick	Nebraska	2241	GT-3				1	0	1
Canaday	Nebraska	2226	1				121	21	48
Cass County Station	Nebraska	55972	CT1				10	9	9
Cass County Station	Nebraska	55972	CT2				4	6	16
Gerald Gentleman Station	Nebraska	6077	1				13,695	11,747	13,150
Gerald Gentleman Station	Nebraska	6077	2				9,086	9,960	9,434
Gerald Whelan Energy Center	Nebraska	60	1				1,047	1,035	1,103

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Southaven Combined Cycle	Mississippi	55269	AA-002	32	25	62	150	64	150
Southaven Combined Cycle	Mississippi	55269	AA-003	35	56	47	161	109	161
Sweatt Electric Generating Plant	Mississippi	2048	1	1	9	2		3	9
Sweatt Electric Generating Plant	Mississippi	2048	2	1	9	1		3	9
Sweatt Electric Generating Plant	Mississippi	2048	CTA			6	0	1	6
Sweatt Electric Generating Plant	Mississippi	2048	CTB			6	0	0	6
Sylvarena Generating Plant	Mississippi	7989	1	15	18	12	16	16	21
Sylvarena Generating Plant	Mississippi	7989	2	29	21	15	15	19	69
Sylvarena Generating Plant	Mississippi	7989	3	30	30	11	16	19	49
Watson Electric Generating Plant	Mississippi	2049	1	5	9	4		1	9
Watson Electric Generating Plant	Mississippi	2049	2	5	8	5		2	8
Watson Electric Generating Plant	Mississippi	2049	3	6	7	4		4	37
Watson Electric Generating Plant	Mississippi	2049	4	4,937	4,987	4,269	1,904	1,271	4,987
Watson Electric Generating Plant	Mississippi	2049	5	10,730	10,601	8,117	3,101	4,325	11,559
Watson Electric Generating Plant	Mississippi	2049	CTA			2	0	0	2
Watson Electric Generating Plant	Mississippi	2049	CTB			2	0	0	2
Beatrice	Nebraska	8000	1	7	11	10	4	2	11
Beatrice	Nebraska	8000	2	8	10	7	5	3	10
C W Burdick	Nebraska	2241	B-3	2	2	1	8	1	11
C W Burdick	Nebraska	2241	GT-2	1	2	3	0	0	3
C W Burdick	Nebraska	2241	GT-3	2	2	2	0	0	2
Canaday	Nebraska	2226	1	43	168	29	16	29	168
Cass County Station	Nebraska	55972	CT1	18	19	10	2	10	19
Cass County Station	Nebraska	55972	CT2	19	20	20	4	7	20
Gerald Gentleman Station	Nebraska	6077	1	7,285	5,709	5,403	5,446	5,177	13,695
Gerald Gentleman Station	Nebraska	6077	2	10,361	7,915	10,032	9,540	7,988	10,361
Gerald Whelan Energy Center	Nebraska	60	1	1,061	939	1,120	1,067	1,079	1,120

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Southaven Combined Cycle	Mississippi	55269	AA-002						
Southaven Combined Cycle	Mississippi	55269	AA-003						
Sweatt Electric Generating Plant	Mississippi	2048	1						
Sweatt Electric Generating Plant	Mississippi	2048	2						
Sweatt Electric Generating Plant	Mississippi	2048	CTA						
Sweatt Electric Generating Plant	Mississippi	2048	CTB						
Sylvarena Generating Plant	Mississippi	7989	1						
Sylvarena Generating Plant	Mississippi	7989	2						
Sylvarena Generating Plant	Mississippi	7989	3						
Watson Electric Generating Plant	Mississippi	2049	1						
Watson Electric Generating Plant	Mississippi	2049	2						
Watson Electric Generating Plant	Mississippi	2049	3						
Watson Electric Generating Plant	Mississippi	2049	4						
Watson Electric Generating Plant	Mississippi	2049	5						
Watson Electric Generating Plant	Mississippi	2049	CTA						
Watson Electric Generating Plant	Mississippi	2049	CTB						
Beatrice	Nebraska	8000	1						
Beatrice	Nebraska	8000	2						
C W Burdick	Nebraska	2241	B-3						
C W Burdick	Nebraska	2241	GT-2						
C W Burdick	Nebraska	2241	GT-3						
Canaday	Nebraska	2226	1						
Cass County Station	Nebraska	55972	CT1						
Cass County Station	Nebraska	55972	CT2						
Gerald Gentleman Station	Nebraska	6077	1						
Gerald Gentleman Station	Nebraska	6077	2						
Gerald Whelan Energy Center	Nebraska	60	1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Southaven Combined Cycle	Mississippi	55269	AA-002				
Southaven Combined Cycle	Mississippi	55269	AA-003				
Sweatt Electric Generating Plant	Mississippi	2048	1				
Sweatt Electric Generating Plant	Mississippi	2048	2				
Sweatt Electric Generating Plant	Mississippi	2048	CTA				
Sweatt Electric Generating Plant	Mississippi	2048	CTB				
Sylvarena Generating Plant	Mississippi	7989	1				
Sylvarena Generating Plant	Mississippi	7989	2				
Sylvarena Generating Plant	Mississippi	7989	3				
Watson Electric Generating Plant	Mississippi	2049	1				
Watson Electric Generating Plant	Mississippi	2049	2				
Watson Electric Generating Plant	Mississippi	2049	3				
Watson Electric Generating Plant	Mississippi	2049	4				
Watson Electric Generating Plant	Mississippi	2049	5				
Watson Electric Generating Plant	Mississippi	2049	CTA				
Watson Electric Generating Plant	Mississippi	2049	CTB				
Beatrice	Nebraska	8000	1				
Beatrice	Nebraska	8000	2				
C W Burdick	Nebraska	2241	B-3				
C W Burdick	Nebraska	2241	GT-2				
C W Burdick	Nebraska	2241	GT-3				
Canaday	Nebraska	2226	1				
Cass County Station	Nebraska	55972	CT1				
Cass County Station	Nebraska	55972	CT2				
Gerald Gentleman Station	Nebraska	6077	1				
Gerald Gentleman Station	Nebraska	6077	2				
Gerald Whelan Energy Center	Nebraska	60	1				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Calculation							
Southaven Combined Cycle	Mississippi	55269	AA-002				
Southaven Combined Cycle	Mississippi	55269	AA-003				
Sweatt Electric Generating Plant	Mississippi	2048	1				
Sweatt Electric Generating Plant	Mississippi	2048	2				
Sweatt Electric Generating Plant	Mississippi	2048	CTA				
Sweatt Electric Generating Plant	Mississippi	2048	CTB				
Sylvarena Generating Plant	Mississippi	7989	1				
Sylvarena Generating Plant	Mississippi	7989	2				
Sylvarena Generating Plant	Mississippi	7989	3				
Watson Electric Generating Plant	Mississippi	2049	1				
Watson Electric Generating Plant	Mississippi	2049	2				
Watson Electric Generating Plant	Mississippi	2049	3				
Watson Electric Generating Plant	Mississippi	2049	4				
Watson Electric Generating Plant	Mississippi	2049	5				
Watson Electric Generating Plant	Mississippi	2049	CTA				
Watson Electric Generating Plant	Mississippi	2049	CTB				
Beatrice	Nebraska	8000	1			11	11
Beatrice	Nebraska	8000	2			10	10
C W Burdick	Nebraska	2241	B-3			3	3
C W Burdick	Nebraska	2241	GT-2			3	3
C W Burdick	Nebraska	2241	GT-3			2	2
Canaday	Nebraska	2226	1			75	75
Cass County Station	Nebraska	55972	CT1			19	19
Cass County Station	Nebraska	55972	CT2			20	20
Gerald Gentleman Station	Nebraska	6077	1			5,256	5,256
Gerald Gentleman Station	Nebraska	6077	2			5,765	5,765
Gerald Whelan Energy Center	Nebraska	60	1			657	657

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Southaven Combined Cycle	Mississippi	55269	AA-002				
Southaven Combined Cycle	Mississippi	55269	AA-003				
Sweatt Electric Generating Plant	Mississippi	2048	1				
Sweatt Electric Generating Plant	Mississippi	2048	2				
Sweatt Electric Generating Plant	Mississippi	2048	CTA				
Sweatt Electric Generating Plant	Mississippi	2048	CTB				
Sylvarena Generating Plant	Mississippi	7989	1				
Sylvarena Generating Plant	Mississippi	7989	2				
Sylvarena Generating Plant	Mississippi	7989	3				
Watson Electric Generating Plant	Mississippi	2049	1				
Watson Electric Generating Plant	Mississippi	2049	2				
Watson Electric Generating Plant	Mississippi	2049	3				
Watson Electric Generating Plant	Mississippi	2049	4				
Watson Electric Generating Plant	Mississippi	2049	5				
Watson Electric Generating Plant	Mississippi	2049	CTA				
Watson Electric Generating Plant	Mississippi	2049	CTB				
Beatrice	Nebraska	8000	1	11	11	11	11
Beatrice	Nebraska	8000	2	10	10	10	10
C W Burdick	Nebraska	2241	B-3	3	3	3	3
C W Burdick	Nebraska	2241	GT-2	3	3	3	3
C W Burdick	Nebraska	2241	GT-3	2	2	2	2
Canaday	Nebraska	2226	1	75	75	75	75
Cass County Station	Nebraska	55972	CT1	19	19	19	19
Cass County Station	Nebraska	55972	CT2	20	20	20	20
Gerald Gentleman Station	Nebraska	6077	1	5,256	5,256	5,256	5,256
Gerald Gentleman Station	Nebraska	6077	2	5,765	5,765	5,765	5,765
Gerald Whelan Energy Center	Nebraska	60	1	657	657	657	657

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Southaven Combined Cycle	Mississippi	55269	AA-002	2,526,588	1,094,754	2,318,491	3,527,608	4,261,361	3,438,519
Southaven Combined Cycle	Mississippi	55269	AA-003	2,438,914	2,727,844	2,218,823	3,158,785	4,283,066	3,389,898
Sweatt Electric Generating Plant	Mississippi	2048	1	15,460	122,628	27,746		22,500	57,625
Sweatt Electric Generating Plant	Mississippi	2048	2	12,721	122,491	14,497		21,834	52,941
Sweatt Electric Generating Plant	Mississippi	2048	CTA			2,907	169	4,324	2,467
Sweatt Electric Generating Plant	Mississippi	2048	CTB			2,775	161	4,304	2,414
Sylvarena Generating Plant	Mississippi	7989	1	201,566	278,051	122,470	207,287	176,934	228,968
Sylvarena Generating Plant	Mississippi	7989	2	336,177	284,399	157,756	210,222	253,604	291,393
Sylvarena Generating Plant	Mississippi	7989	3	340,423	428,745	125,413	275,188	241,804	348,119
Watson Electric Generating Plant	Mississippi	2049	1	51,126	121,268	48,787		109	73,727
Watson Electric Generating Plant	Mississippi	2049	2	63,415	125,883	61,584		9,342	83,627
Watson Electric Generating Plant	Mississippi	2049	3	96,948	119,636	59,546			92,043
Watson Electric Generating Plant	Mississippi	2049	4	7,345,131	7,631,097	7,416,528	6,591,445	3,734,365	7,464,252
Watson Electric Generating Plant	Mississippi	2049	5	16,354,899	15,635,432	16,186,799	9,851,698	12,609,618	16,059,043
Watson Electric Generating Plant	Mississippi	2049	CTA			1,485	1,228	814	1,176
Watson Electric Generating Plant	Mississippi	2049	CTB			1,482	1,288	876	1,215
Beatrice	Nebraska	8000	1	847,420	874,419	592,159	383,628	234,073	771,333
Beatrice	Nebraska	8000	2	886,815	811,980	537,511	461,193	305,732	745,435
C W Burdick	Nebraska	2241	B-3	7,493			12,843		10,168
C W Burdick	Nebraska	2241	GT-2	61,977	76,145	80,502	14,696	7,515	72,875
C W Burdick	Nebraska	2241	GT-3	78,273	72,225	54,682	7,463	4,207	68,394
Canaday	Nebraska	2226	1	391,068	668,588	288,744	154,878	281,648	449,467
Cass County Station	Nebraska	55972	CT1	525,393	587,007	214,386	50,094	261,929	458,110
Cass County Station	Nebraska	55972	CT2	547,539	637,169	578,537	112,500	194,032	587,748
Gerald Gentleman Station	Nebraska	6077	1	23,146,708	25,865,318	21,965,547	21,204,749	20,558,537	23,659,191
Gerald Gentleman Station	Nebraska	6077	2	24,952,301	19,189,802	23,692,332	19,792,784	17,264,805	22,812,472
Gerald Whelan Energy Center	Nebraska	60	1	3,061,441	3,099,587	2,668,473	2,345,324	2,668,866	2,943,298

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Southaven Combined Cycle	Mississippi	55269	AA-002	208,920,551	0.016459	12,068	12,068	199	199
Southaven Combined Cycle	Mississippi	55269	AA-003	208,920,551	0.016226	12,068	12,068	196	196
Sweatt Electric Generating Plant	Mississippi	2048	1	208,920,551	0.000276	12,068	12,068	3	3
Sweatt Electric Generating Plant	Mississippi	2048	2	208,920,551	0.000253	12,068	12,068	3	3
Sweatt Electric Generating Plant	Mississippi	2048	CTA	208,920,551	0.000012	12,068	12,068	0	0
Sweatt Electric Generating Plant	Mississippi	2048	CTB	208,920,551	0.000012	12,068	12,068	0	0
Sylvarena Generating Plant	Mississippi	7989	1	208,920,551	0.001096	12,068	12,068	13	13
Sylvarena Generating Plant	Mississippi	7989	2	208,920,551	0.001395	12,068	12,068	17	17
Sylvarena Generating Plant	Mississippi	7989	3	208,920,551	0.001666	12,068	12,068	20	20
Watson Electric Generating Plant	Mississippi	2049	1	208,920,551	0.000353	12,068	12,068	4	4
Watson Electric Generating Plant	Mississippi	2049	2	208,920,551	0.000400	12,068	12,068	5	5
Watson Electric Generating Plant	Mississippi	2049	3	208,920,551	0.000441	12,068	12,068	5	5
Watson Electric Generating Plant	Mississippi	2049	4	208,920,551	0.035728	12,068	12,068	431	431
Watson Electric Generating Plant	Mississippi	2049	5	208,920,551	0.076867	12,068	12,068	928	928
Watson Electric Generating Plant	Mississippi	2049	CTA	208,920,551	0.000006	12,068	12,068	0	0
Watson Electric Generating Plant	Mississippi	2049	CTB	208,920,551	0.000006	12,068	12,068	0	0
Beatrice	Nebraska	8000	1	125,178,677	0.006162				
Beatrice	Nebraska	8000	2	125,178,677	0.005955				
C W Burdick	Nebraska	2241	B-3	125,178,677	0.000081				
C W Burdick	Nebraska	2241	GT-2	125,178,677	0.000582				
C W Burdick	Nebraska	2241	GT-3	125,178,677	0.000546				
Canaday	Nebraska	2226	1	125,178,677	0.003591				
Cass County Station	Nebraska	55972	CT1	125,178,677	0.003660				
Cass County Station	Nebraska	55972	CT2	125,178,677	0.004695				
Gerald Gentleman Station	Nebraska	6077	1	125,178,677	0.189003				
Gerald Gentleman Station	Nebraska	6077	2	125,178,677	0.182239				
Gerald Whelan Energy Center	Nebraska	60	1	125,178,677	0.023513				

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Southaven Combined Cycle	Mississippi	55269	AA-002	11	14	22	20	10	23
Southaven Combined Cycle	Mississippi	55269	AA-003	8	15	26	22	25	22
Sweatt Electric Generating Plant	Mississippi	2048	1		0	4	1	8	2
Sweatt Electric Generating Plant	Mississippi	2048	2		0	2	1	8	1
Sweatt Electric Generating Plant	Mississippi	2048	CTA						0
Sweatt Electric Generating Plant	Mississippi	2048	CTB						0
Sylvarena Generating Plant	Mississippi	7989	1		7	12	10	13	5
Sylvarena Generating Plant	Mississippi	7989	2	1	11	17	19	13	7
Sylvarena Generating Plant	Mississippi	7989	3		10	21	18	18	6
Watson Electric Generating Plant	Mississippi	2049	1		3	6	5	9	4
Watson Electric Generating Plant	Mississippi	2049	2		4	8	5	8	5
Watson Electric Generating Plant	Mississippi	2049	3	29	16	15	6	7	4
Watson Electric Generating Plant	Mississippi	2049	4	1,862	1,893	1,540	2,127	2,024	2,184
Watson Electric Generating Plant	Mississippi	2049	5	5,140	4,464	3,457	5,403	5,514	3,646
Watson Electric Generating Plant	Mississippi	2049	CTA						0
Watson Electric Generating Plant	Mississippi	2049	CTB						0
Beatrice	Nebraska	8000	1			7	5	5	4
Beatrice	Nebraska	8000	2			6	5	5	3
C W Burdick	Nebraska	2241	B-3	0	1	1	1		
C W Burdick	Nebraska	2241	GT-2	1	0	1	1	1	3
C W Burdick	Nebraska	2241	GT-3	1	0	1	2	1	2
Canaday	Nebraska	2226	1	99	21	44	35	65	29
Cass County Station	Nebraska	55972	CT1	10	8	8	16	17	7
Cass County Station	Nebraska	55972	CT2	3	5	14	16	18	18
Gerald Gentleman Station	Nebraska	6077	1	5,599	5,259	5,671	2,686	2,842	2,380
Gerald Gentleman Station	Nebraska	6077	2	3,418	3,388	3,107	4,348	2,892	3,896
Gerald Whelan Energy Center	Nebraska	60	1	509	446	507	484	460	473

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns BX - CE			
Southaven Combined Cycle	Mississippi	55269	AA-002	31	32	32			
Southaven Combined Cycle	Mississippi	55269	AA-003	75	49	75			
Sweatt Electric Generating Plant	Mississippi	2048	1		2	8			
Sweatt Electric Generating Plant	Mississippi	2048	2		2	8			
Sweatt Electric Generating Plant	Mississippi	2048	CTA	0	0	0			
Sweatt Electric Generating Plant	Mississippi	2048	CTB	0	0	0			
Sylvarena Generating Plant	Mississippi	7989	1	9	8	13			
Sylvarena Generating Plant	Mississippi	7989	2	9	11	19			
Sylvarena Generating Plant	Mississippi	7989	3	12	9	21			
Watson Electric Generating Plant	Mississippi	2049	1		0	9			
Watson Electric Generating Plant	Mississippi	2049	2		0	8			
Watson Electric Generating Plant	Mississippi	2049	3			29			
Watson Electric Generating Plant	Mississippi	2049	4	1,008	564	2,184			
Watson Electric Generating Plant	Mississippi	2049	5	1,874	2,393	5,514			
Watson Electric Generating Plant	Mississippi	2049	CTA	0	0	0			
Watson Electric Generating Plant	Mississippi	2049	CTB	0	0	0			
Beatrice	Nebraska	8000	1	2	1	7			
Beatrice	Nebraska	8000	2	3	2	6			
C W Burdick	Nebraska	2241	B-3	2		2			
C W Burdick	Nebraska	2241	GT-2	0	0	3			
C W Burdick	Nebraska	2241	GT-3	0	0	2			
Canaday	Nebraska	2226	1	16	28	99			
Cass County Station	Nebraska	55972	CT1	2	9	17			
Cass County Station	Nebraska	55972	CT2	4	6	18			
Gerald Gentleman Station	Nebraska	6077	1	2,164	1,994	5,671			
Gerald Gentleman Station	Nebraska	6077	2	3,297	2,578	4,348			
Gerald Whelan Energy Center	Nebraska	60	1	407	499	509			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Southaven Combined Cycle	Mississippi	55269	AA-002				32	32
Southaven Combined Cycle	Mississippi	55269	AA-003				75	75
Sweatt Electric Generating Plant	Mississippi	2048	1				5	5
Sweatt Electric Generating Plant	Mississippi	2048	2				5	5
Sweatt Electric Generating Plant	Mississippi	2048	CTA				0	0
Sweatt Electric Generating Plant	Mississippi	2048	CTB				0	0
Sylvarena Generating Plant	Mississippi	7989	1				13	13
Sylvarena Generating Plant	Mississippi	7989	2				19	19
Sylvarena Generating Plant	Mississippi	7989	3				21	21
Watson Electric Generating Plant	Mississippi	2049	1				7	7
Watson Electric Generating Plant	Mississippi	2049	2				8	8
Watson Electric Generating Plant	Mississippi	2049	3				8	8
Watson Electric Generating Plant	Mississippi	2049	4				683	683
Watson Electric Generating Plant	Mississippi	2049	5				1,470	1,470
Watson Electric Generating Plant	Mississippi	2049	CTA				0	0
Watson Electric Generating Plant	Mississippi	2049	CTB				0	0
Beatrice	Nebraska	8000	1					
Beatrice	Nebraska	8000	2					
C W Burdick	Nebraska	2241	B-3					
C W Burdick	Nebraska	2241	GT-2					
C W Burdick	Nebraska	2241	GT-3					
Canaday	Nebraska	2226	1					
Cass County Station	Nebraska	55972	CT1					
Cass County Station	Nebraska	55972	CT2					
Gerald Gentleman Station	Nebraska	6077	1					
Gerald Gentleman Station	Nebraska	6077	2					
Gerald Whelan Energy Center	Nebraska	60	1					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Southaven Combined Cycle	Mississippi	55269	AA-002	32	32	32	32	
Southaven Combined Cycle	Mississippi	55269	AA-003	75	75	75	75	
Sweatt Electric Generating Plant	Mississippi	2048	1	5	5	5	5	
Sweatt Electric Generating Plant	Mississippi	2048	2	5	5	5	5	
Sweatt Electric Generating Plant	Mississippi	2048	CTA	0	0	0	0	
Sweatt Electric Generating Plant	Mississippi	2048	CTB	0	0	0	0	
Sylvarena Generating Plant	Mississippi	7989	1	13	13	13	13	
Sylvarena Generating Plant	Mississippi	7989	2	19	19	19	19	
Sylvarena Generating Plant	Mississippi	7989	3	21	21	21	21	
Watson Electric Generating Plant	Mississippi	2049	1	7	7	7	7	
Watson Electric Generating Plant	Mississippi	2049	2	8	8	8	8	
Watson Electric Generating Plant	Mississippi	2049	3	8	8	8	8	
Watson Electric Generating Plant	Mississippi	2049	4	683	683	683	683	
Watson Electric Generating Plant	Mississippi	2049	5	1,470	1,470	1,470	1,470	
Watson Electric Generating Plant	Mississippi	2049	CTA	0	0	0	0	
Watson Electric Generating Plant	Mississippi	2049	CTB	0	0	0	0	
Beatrice	Nebraska	8000	1					Y
Beatrice	Nebraska	8000	2					Y
C W Burdick	Nebraska	2241	B-3					Y
C W Burdick	Nebraska	2241	GT-2					Y
C W Burdick	Nebraska	2241	GT-3					Y
Canaday	Nebraska	2226	1					Y
Cass County Station	Nebraska	55972	CT1					Y
Cass County Station	Nebraska	55972	CT2					Y
Gerald Gentleman Station	Nebraska	6077	1					Y
Gerald Gentleman Station	Nebraska	6077	2					Y
Gerald Whelan Energy Center	Nebraska	60	1					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Southaven Combined Cycle	Mississippi	55269	AA-002			Y		
Southaven Combined Cycle	Mississippi	55269	AA-003			Y		
Sweatt Electric Generating Plant	Mississippi	2048	1			Y		
Sweatt Electric Generating Plant	Mississippi	2048	2			Y		
Sweatt Electric Generating Plant	Mississippi	2048	CTA			Y		
Sweatt Electric Generating Plant	Mississippi	2048	CTB			Y		
Sylvarena Generating Plant	Mississippi	7989	1			Y		
Sylvarena Generating Plant	Mississippi	7989	2			Y		
Sylvarena Generating Plant	Mississippi	7989	3			Y		
Watson Electric Generating Plant	Mississippi	2049	1			Y		
Watson Electric Generating Plant	Mississippi	2049	2			Y		
Watson Electric Generating Plant	Mississippi	2049	3			Y		
Watson Electric Generating Plant	Mississippi	2049	4			Y		
Watson Electric Generating Plant	Mississippi	2049	5			Y		
Watson Electric Generating Plant	Mississippi	2049	CTA			Y		
Watson Electric Generating Plant	Mississippi	2049	CTB			Y		
Beatrice	Nebraska	8000	1		Y			
Beatrice	Nebraska	8000	2		Y			
C W Burdick	Nebraska	2241	B-3		Y			
C W Burdick	Nebraska	2241	GT-2		Y			
C W Burdick	Nebraska	2241	GT-3		Y			
Canaday	Nebraska	2226	1		Y			
Cass County Station	Nebraska	55972	CT1		Y			
Cass County Station	Nebraska	55972	CT2		Y			
Gerald Gentleman Station	Nebraska	6077	1		Y			
Gerald Gentleman Station	Nebraska	6077	2		Y			
Gerald Whelan Energy Center	Nebraska	60	1		Y			

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Hallam	Nebraska	2265	1		9,971	43,236	23,832	5,160	
Hebron	Nebraska	2266	1		19,211	6,026	9,725	5,607	4,684
J Street	Nebraska	2250	1		4,892	8,143	3,735	5,292	
Jones Street	Nebraska	2290	1		13,820	9,223	4,136	3,794	2,567
Jones Street	Nebraska	2290	2		13,820	9,223	4,136	3,794	2,567
Lon D Wright Power Plant	Nebraska	2240	50T	9176	43,065	7,676	1,298	1,764	1,145
Lon D Wright Power Plant	Nebraska	2240	8	1371	5,266,606	4,714,429	5,336,063	3,890,391	4,575,119
McCook	Nebraska	2271	1		8,948	8,119	22,707	5,679	2,668
Nebraska City Station	Nebraska	6096	1	2775	45,839,961	43,461,945	49,536,241	44,315,527	37,564,191
Nebraska City Station	Nebraska	6096	2	90278				39,341,118	43,539,157
North Omaha Station	Nebraska	2291	1	1381	5,101,641	4,573,138	5,060,850	4,432,447	4,704,175
North Omaha Station	Nebraska	2291	2	1382	6,762,649	6,759,959	6,391,709	5,991,122	6,718,977
North Omaha Station	Nebraska	2291	3	1383	6,511,990	6,633,918	7,089,248	6,256,489	5,783,445
North Omaha Station	Nebraska	2291	4	1384	8,055,757	7,529,504	7,805,412	7,517,570	7,556,431
North Omaha Station	Nebraska	2291	5	1385	13,257,150	12,020,720	14,030,924	11,030,389	14,057,636
Platte	Nebraska	59	1	56	8,732,514	7,962,383	8,487,863	7,306,509	7,002,653
Rokeby	Nebraska	6373	1		42,604	24,527	70,938	24,197	31,202
Rokeby	Nebraska	6373	2	2883	117,756	144,126	32,554	47,807	66,038
Rokeby	Nebraska	6373	3	2884	210,625	214,044	38,384	17,755	78,472
Sarpy County	Nebraska	2292	1		268,328	368,859	439,703	38,698	33,293
Sarpy County	Nebraska	2292	2		268,328	368,859	439,703	38,698	33,293
Sarpy County Station	Nebraska	2292	CT3	1387	608,960	688,636	517,982	141,018	227,724
Sarpy County Station	Nebraska	2292	CT4A	1388	17,265	301,379	158,126	40,658	116,411
Sarpy County Station	Nebraska	2292	CT4B	1389	168,454	314,527	159,539	40,735	114,367
Sarpy County Station	Nebraska	2292	CT5A	1390	229,039	242,225	163,509	55,446	109,434
Sarpy County Station	Nebraska	2292	CT5B	1391	244,372	261,052	174,473	61,045	120,059
Sheldon	Nebraska	2277	1	1379	8,720,555	8,593,272	7,786,033	8,883,123	7,006,924

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Hallam	Nebraska	2265	1	25,680	284,932,328	0.000090	62,450	62,450
Hebron	Nebraska	2266	1	11,654	284,932,328	0.000041	62,450	62,450
J Street	Nebraska	2250	1	6,109	284,932,328	0.000021	62,450	62,450
Jones Street	Nebraska	2290	1	9,059	284,932,328	0.000032	62,450	62,450
Jones Street	Nebraska	2290	2	9,059	284,932,328	0.000032	62,450	62,450
Lon D Wright Power Plant	Nebraska	2240	50T	17,501	284,932,328	0.000061	62,450	62,450
Lon D Wright Power Plant	Nebraska	2240	8	5,105,699	284,932,328	0.017919	62,450	62,450
McCook	Nebraska	2271	1	13,258	284,932,328	0.000047	62,450	62,450
Nebraska City Station	Nebraska	6096	1	46,563,909	284,932,328	0.163421	62,450	62,450
Nebraska City Station	Nebraska	6096	2	41,440,137	284,932,328	0.145439	62,450	62,450
North Omaha Station	Nebraska	2291	1	4,955,555	284,932,328	0.017392	62,450	62,450
North Omaha Station	Nebraska	2291	2	6,747,195	284,932,328	0.023680	62,450	62,450
North Omaha Station	Nebraska	2291	3	6,745,052	284,932,328	0.023672	62,450	62,450
North Omaha Station	Nebraska	2291	4	7,805,866	284,932,328	0.027396	62,450	62,450
North Omaha Station	Nebraska	2291	5	13,781,903	284,932,328	0.048369	62,450	62,450
Platte	Nebraska	59	1	8,394,253	284,932,328	0.029461	62,450	62,450
Rokeby	Nebraska	6373	1	48,248	284,932,328	0.000169	62,450	62,450
Rokeby	Nebraska	6373	2	109,307	284,932,328	0.000384	62,450	62,450
Rokeby	Nebraska	6373	3	167,713	284,932,328	0.000589	62,450	62,450
Sarpy County	Nebraska	2292	1	358,963	284,932,328	0.001260	62,450	62,450
Sarpy County	Nebraska	2292	2	358,963	284,932,328	0.001260	62,450	62,450
Sarpy County Station	Nebraska	2292	CT3	605,192	284,932,328	0.002124	62,450	62,450
Sarpy County Station	Nebraska	2292	CT4A	191,972	284,932,328	0.000674	62,450	62,450
Sarpy County Station	Nebraska	2292	CT4B	214,173	284,932,328	0.000752	62,450	62,450
Sarpy County Station	Nebraska	2292	CT5A	211,591	284,932,328	0.000743	62,450	62,450
Sarpy County Station	Nebraska	2292	CT5B	226,632	284,932,328	0.000795	62,450	62,450
Sheldon	Nebraska	2277	1	8,732,317	284,932,328	0.030647	62,450	62,450

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Hallam	Nebraska	2265	1	28,237	28,237	6	6	3	3
Hebron	Nebraska	2266	1	28,237	28,237	3	3	1	1
J Street	Nebraska	2250	1	28,237	28,237	1	1	1	1
Jones Street	Nebraska	2290	1	28,237	28,237	2	2	1	1
Jones Street	Nebraska	2290	2	28,237	28,237	2	2	1	1
Lon D Wright Power Plant	Nebraska	2240	50T	28,237	28,237	4	4	2	2
Lon D Wright Power Plant	Nebraska	2240	8	28,237	28,237	1,119	1,119	506	506
McCook	Nebraska	2271	1	28,237	28,237	3	3	1	1
Nebraska City Station	Nebraska	6096	1	28,237	28,237	10,206	10,206	4,615	4,615
Nebraska City Station	Nebraska	6096	2	28,237	28,237	9,083	9,083	4,107	4,107
North Omaha Station	Nebraska	2291	1	28,237	28,237	1,086	1,086	491	491
North Omaha Station	Nebraska	2291	2	28,237	28,237	1,479	1,479	669	669
North Omaha Station	Nebraska	2291	3	28,237	28,237	1,478	1,478	668	668
North Omaha Station	Nebraska	2291	4	28,237	28,237	1,711	1,711	774	774
North Omaha Station	Nebraska	2291	5	28,237	28,237	3,021	3,021	1,366	1,366
Platte	Nebraska	59	1	28,237	28,237	1,840	1,840	832	832
Rokeby	Nebraska	6373	1	28,237	28,237	11	11	5	5
Rokeby	Nebraska	6373	2	28,237	28,237	24	24	11	11
Rokeby	Nebraska	6373	3	28,237	28,237	37	37	17	17
Sarpy County	Nebraska	2292	1	28,237	28,237	79	79	36	36
Sarpy County	Nebraska	2292	2	28,237	28,237	79	79	36	36
Sarpy County Station	Nebraska	2292	CT3	28,237	28,237	133	133	60	60
Sarpy County Station	Nebraska	2292	CT4A	28,237	28,237	42	42	19	19
Sarpy County Station	Nebraska	2292	CT4B	28,237	28,237	47	47	21	21
Sarpy County Station	Nebraska	2292	CT5A	28,237	28,237	46	46	21	21
Sarpy County Station	Nebraska	2292	CT5B	28,237	28,237	50	50	22	22
Sheldon	Nebraska	2277	1	28,237	28,237	1,914	1,914	865	865

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Hallam	Nebraska	2265	1		3	1		4	
Hebron	Nebraska	2266	1		2	2		1	
J Street	Nebraska	2250	1			0		0	
Jones Street	Nebraska	2290	1		1	1		1	
Jones Street	Nebraska	2290	2		1	1		1	
Lon D Wright Power Plant	Nebraska	2240	50T		2	0	1	0	0
Lon D Wright Power Plant	Nebraska	2240	8	1,017	1,181	1,332	1,400	1,708	1,958
McCook	Nebraska	2271	1		2	2		1	
Nebraska City Station	Nebraska	6096	1	15,052	15,593	17,550	14,994	14,173	17,498
Nebraska City Station	Nebraska	6096	2						
North Omaha Station	Nebraska	2291	1	1,427	1,946	1,840	1,829	1,782	1,898
North Omaha Station	Nebraska	2291	2	2,083	2,610	3,019	2,424	2,642	2,382
North Omaha Station	Nebraska	2291	3	1,963	2,779	2,999	2,344	2,585	2,666
North Omaha Station	Nebraska	2291	4	2,895	3,314	3,760	2,954	3,010	2,989
North Omaha Station	Nebraska	2291	5	3,362	5,476	5,087	4,764	4,729	5,076
Platte	Nebraska	59	1	2,194	2,158	2,476	2,637	2,641	3,086
Rokeby	Nebraska	6373	1		2	1		0	
Rokeby	Nebraska	6373	2	0	0	0	0	0	0
Rokeby	Nebraska	6373	3	0	0	0	0	0	0
Sarpy County	Nebraska	2292	1		3	5		1	
Sarpy County	Nebraska	2292	2		3	5		1	
Sarpy County Station	Nebraska	2292	CT3	1	0	1	0	1	0
Sarpy County Station	Nebraska	2292	CT4A	0	0	0	0	0	0
Sarpy County Station	Nebraska	2292	CT4B	0	0	0	0	0	0
Sarpy County Station	Nebraska	2292	CT5A	0	0	0	0	0	0
Sarpy County Station	Nebraska	2292	CT5B	0	0	0	0	0	0
Sheldon	Nebraska	2277	1	1,931	2,311	2,419	2,134	2,203	2,108

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
Hallam	Nebraska	2265	1			4				
Hebron	Nebraska	2266	1			2				
J Street	Nebraska	2250	1			0				
Jones Street	Nebraska	2290	1			1				
Jones Street	Nebraska	2290	2			1				
Lon D Wright Power Plant	Nebraska	2240	50T	0		2				
Lon D Wright Power Plant	Nebraska	2240	8	1,250	1,206	1,958				
McCook	Nebraska	2271	1			2				
Nebraska City Station	Nebraska	6096	1	15,697	12,127	17,550				
Nebraska City Station	Nebraska	6096	2	3,377	2,169	3,377				
North Omaha Station	Nebraska	2291	1	1,676	1,300	1,946				
North Omaha Station	Nebraska	2291	2	2,252	1,848	3,019				
North Omaha Station	Nebraska	2291	3	2,338	1,615	2,999				
North Omaha Station	Nebraska	2291	4	2,849	2,007	3,760				
North Omaha Station	Nebraska	2291	5	4,044	3,746	5,476				
Platte	Nebraska	59	1	2,679	2,365	3,086				
Rokeby	Nebraska	6373	1			2				
Rokeby	Nebraska	6373	2	0	0	0				
Rokeby	Nebraska	6373	3	0	0	0				
Sarpy County	Nebraska	2292	1			5				
Sarpy County	Nebraska	2292	2			5				
Sarpy County Station	Nebraska	2292	CT3	0	0	1				
Sarpy County Station	Nebraska	2292	CT4A	0	0	0				
Sarpy County Station	Nebraska	2292	CT4B	0	0	0				
Sarpy County Station	Nebraska	2292	CT5A	0	0	0				
Sarpy County Station	Nebraska	2292	CT5B	0	0	0				
Sheldon	Nebraska	2277	1	2,702	1,844	2,702				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Hallam	Nebraska	2265	1					6	6
Hebron	Nebraska	2266	1					3	4
J Street	Nebraska	2250	1						1
Jones Street	Nebraska	2290	1					2	1
Jones Street	Nebraska	2290	2					2	1
Lon D Wright Power Plant	Nebraska	2240	50T					1	0
Lon D Wright Power Plant	Nebraska	2240	8				398	499	577
McCook	Nebraska	2271	1					2	3
Nebraska City Station	Nebraska	6096	1				10,215	9,348	9,995
Nebraska City Station	Nebraska	6096	2						
North Omaha Station	Nebraska	2291	1				694	758	683
North Omaha Station	Nebraska	2291	2				1,029	1,032	1,137
North Omaha Station	Nebraska	2291	3				971	1,086	1,130
North Omaha Station	Nebraska	2291	4				1,624	1,276	1,305
North Omaha Station	Nebraska	2291	5				1,692	2,158	1,983
Platte	Nebraska	59	1				1,433	1,287	1,362
Rokeby	Nebraska	6373	1					15	17
Rokeby	Nebraska	6373	2				21	9	8
Rokeby	Nebraska	6373	3				7	6	9
Sarpy County	Nebraska	2292	1					18	45
Sarpy County	Nebraska	2292	2					18	45
Sarpy County Station	Nebraska	2292	CT3				18	6	20
Sarpy County Station	Nebraska	2292	CT4A				8	4	10
Sarpy County Station	Nebraska	2292	CT4B				8	4	9
Sarpy County Station	Nebraska	2292	CT5A				7	4	7
Sarpy County Station	Nebraska	2292	CT5B				7	4	8
Sheldon	Nebraska	2277	1				3,366	4,080	4,795

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Hallam	Nebraska	2265	1		7				7
Hebron	Nebraska	2266	1		1				4
J Street	Nebraska	2250	1		1				1
Jones Street	Nebraska	2290	1		1				2
Jones Street	Nebraska	2290	2		1				2
Lon D Wright Power Plant	Nebraska	2240	50T	1	0	0	1	0	1
Lon D Wright Power Plant	Nebraska	2240	8	529	484	611	387	449	611
McCook	Nebraska	2271	1		1				3
Nebraska City Station	Nebraska	6096	1	9,402	9,484	10,271	8,767	7,412	10,271
Nebraska City Station	Nebraska	6096	2				6,370	1,418	6,370
North Omaha Station	Nebraska	2291	1	769	708	701	703	764	769
North Omaha Station	Nebraska	2291	2	1,031	1,048	877	943	1,073	1,137
North Omaha Station	Nebraska	2291	3	991	1,033	987	997	933	1,130
North Omaha Station	Nebraska	2291	4	1,322	1,278	1,293	1,171	1,213	1,624
North Omaha Station	Nebraska	2291	5	2,146	2,057	2,596	1,932	2,783	2,783
Platte	Nebraska	59	1	1,504	1,417	1,441	1,274	1,201	1,504
Rokeby	Nebraska	6373	1		9				17
Rokeby	Nebraska	6373	2	7	9	3	18	8	21
Rokeby	Nebraska	6373	3	13	12	3	1	4	13
Sarpy County	Nebraska	2292	1		34				45
Sarpy County	Nebraska	2292	2		34				45
Sarpy County Station	Nebraska	2292	CT3	19	22	17	4	6	22
Sarpy County Station	Nebraska	2292	CT4A	1	13	7	2	5	13
Sarpy County Station	Nebraska	2292	CT4B	7	13	7	2	4	13
Sarpy County Station	Nebraska	2292	CT5A	9	9	7	2	4	9
Sarpy County Station	Nebraska	2292	CT5B	9	10	8	3	5	10
Sheldon	Nebraska	2277	1	4,150	4,258	3,955	4,277	3,310	4,795

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Hallam	Nebraska	2265	1						
Hebron	Nebraska	2266	1						
J Street	Nebraska	2250	1						
Jones Street	Nebraska	2290	1						
Jones Street	Nebraska	2290	2						
Lon D Wright Power Plant	Nebraska	2240	50T						
Lon D Wright Power Plant	Nebraska	2240	8						
McCook	Nebraska	2271	1						
Nebraska City Station	Nebraska	6096	1						
Nebraska City Station	Nebraska	6096	2						
North Omaha Station	Nebraska	2291	1						
North Omaha Station	Nebraska	2291	2						
North Omaha Station	Nebraska	2291	3						
North Omaha Station	Nebraska	2291	4						
North Omaha Station	Nebraska	2291	5						
Platte	Nebraska	59	1						
Rokeby	Nebraska	6373	1						
Rokeby	Nebraska	6373	2						
Rokeby	Nebraska	6373	3						
Sarpy County	Nebraska	2292	1						
Sarpy County	Nebraska	2292	2						
Sarpy County Station	Nebraska	2292	CT3						
Sarpy County Station	Nebraska	2292	CT4A						
Sarpy County Station	Nebraska	2292	CT4B						
Sarpy County Station	Nebraska	2292	CT5A						
Sarpy County Station	Nebraska	2292	CT5B						
Sheldon	Nebraska	2277	1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Hallam	Nebraska	2265	1				
Hebron	Nebraska	2266	1				
J Street	Nebraska	2250	1				
Jones Street	Nebraska	2290	1				
Jones Street	Nebraska	2290	2				
Lon D Wright Power Plant	Nebraska	2240	50T				
Lon D Wright Power Plant	Nebraska	2240	8				
McCook	Nebraska	2271	1				
Nebraska City Station	Nebraska	6096	1				
Nebraska City Station	Nebraska	6096	2				
North Omaha Station	Nebraska	2291	1				
North Omaha Station	Nebraska	2291	2				
North Omaha Station	Nebraska	2291	3				
North Omaha Station	Nebraska	2291	4				
North Omaha Station	Nebraska	2291	5				
Platte	Nebraska	59	1				
Rokeby	Nebraska	6373	1				
Rokeby	Nebraska	6373	2				
Rokeby	Nebraska	6373	3				
Sarpy County	Nebraska	2292	1				
Sarpy County	Nebraska	2292	2				
Sarpy County Station	Nebraska	2292	CT3				
Sarpy County Station	Nebraska	2292	CT4A				
Sarpy County Station	Nebraska	2292	CT4B				
Sarpy County Station	Nebraska	2292	CT5A				
Sarpy County Station	Nebraska	2292	CT5B				
Sheldon	Nebraska	2277	1				

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Calculation							
Hallam	Nebraska	2265	1			3	3
Hebron	Nebraska	2266	1			1	1
J Street	Nebraska	2250	1			1	1
Jones Street	Nebraska	2290	1			1	1
Jones Street	Nebraska	2290	2			1	1
Lon D Wright Power Plant	Nebraska	2240	50T			1	1
Lon D Wright Power Plant	Nebraska	2240	8			515	515
McCook	Nebraska	2271	1			1	1
Nebraska City Station	Nebraska	6096	1			4,696	4,696
Nebraska City Station	Nebraska	6096	2			4,180	4,180
North Omaha Station	Nebraska	2291	1			500	500
North Omaha Station	Nebraska	2291	2			681	681
North Omaha Station	Nebraska	2291	3			680	680
North Omaha Station	Nebraska	2291	4			787	787
North Omaha Station	Nebraska	2291	5			1,390	1,390
Platte	Nebraska	59	1			847	847
Rokeby	Nebraska	6373	1			5	5
Rokeby	Nebraska	6373	2			11	11
Rokeby	Nebraska	6373	3			13	13
Sarpy County	Nebraska	2292	1			36	36
Sarpy County	Nebraska	2292	2			36	36
Sarpy County Station	Nebraska	2292	CT3			22	22
Sarpy County Station	Nebraska	2292	CT4A			13	13
Sarpy County Station	Nebraska	2292	CT4B			13	13
Sarpy County Station	Nebraska	2292	CT5A			9	9
Sarpy County Station	Nebraska	2292	CT5B			10	10
Sheldon	Nebraska	2277	1			881	881

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Hallam	Nebraska	2265	1	3	3	3	3
Hebron	Nebraska	2266	1	1	1	1	1
J Street	Nebraska	2250	1	1	1	1	1
Jones Street	Nebraska	2290	1	1	1	1	1
Jones Street	Nebraska	2290	2	1	1	1	1
Lon D Wright Power Plant	Nebraska	2240	50T	1	1	1	1
Lon D Wright Power Plant	Nebraska	2240	8	515	515	515	515
McCook	Nebraska	2271	1	1	1	1	1
Nebraska City Station	Nebraska	6096	1	4,696	4,696	4,696	4,696
Nebraska City Station	Nebraska	6096	2	4,180	4,180	4,180	4,180
North Omaha Station	Nebraska	2291	1	500	500	500	500
North Omaha Station	Nebraska	2291	2	681	681	681	681
North Omaha Station	Nebraska	2291	3	680	680	680	680
North Omaha Station	Nebraska	2291	4	787	787	787	787
North Omaha Station	Nebraska	2291	5	1,390	1,390	1,390	1,390
Platte	Nebraska	59	1	847	847	847	847
Rokeby	Nebraska	6373	1	5	5	5	5
Rokeby	Nebraska	6373	2	11	11	11	11
Rokeby	Nebraska	6373	3	13	13	13	13
Sarpy County	Nebraska	2292	1	36	36	36	36
Sarpy County	Nebraska	2292	2	36	36	36	36
Sarpy County Station	Nebraska	2292	CT3	22	22	22	22
Sarpy County Station	Nebraska	2292	CT4A	13	13	13	13
Sarpy County Station	Nebraska	2292	CT4B	13	13	13	13
Sarpy County Station	Nebraska	2292	CT5A	9	9	9	9
Sarpy County Station	Nebraska	2292	CT5B	10	10	10	10
Sheldon	Nebraska	2277	1	881	881	881	881

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Hallam	Nebraska	2265	1	4,693	24,832	6,274	3,667		11,933
Hebron	Nebraska	2266	1	9,044	3,461	814	723	1,532	4,679
J Street	Nebraska	2250	1	2,722	4,901	2,139	3,391		3,671
Jones Street	Nebraska	2290	1	8,814	5,443	1,744	1,668	1,610	5,334
Jones Street	Nebraska	2290	2	8,814	5,443	1,744	1,668	1,610	5,334
Lon D Wright Power Plant	Nebraska	2240	50T	40,538	7,676	797	1,764	925	16,659
Lon D Wright Power Plant	Nebraska	2240	8	2,657,337	2,255,151	2,472,094	1,920,195	1,919,003	2,461,527
McCook	Nebraska	2271	1	4,213	4,665	20,960	2,815	764	9,946
Nebraska City Station	Nebraska	6096	1	20,207,942	18,360,214	21,488,819	18,408,503	18,370,505	20,035,088
Nebraska City Station	Nebraska	6096	2				17,683,215	18,092,245	17,887,730
North Omaha Station	Nebraska	2291	1	2,284,906	1,641,556	2,375,167	1,430,922	1,740,159	2,133,410
North Omaha Station	Nebraska	2291	2	3,110,368	2,780,020	3,060,788	2,551,181	2,803,601	2,991,585
North Omaha Station	Nebraska	2291	3	3,043,117	2,612,430	3,352,487	2,199,606	2,444,786	3,002,678
North Omaha Station	Nebraska	2291	4	3,701,337	3,105,513	3,552,515	3,054,886	3,539,045	3,597,632
North Omaha Station	Nebraska	2291	5	4,787,747	6,121,084	6,350,692	4,763,078	5,570,087	6,013,954
Platte	Nebraska	59	1	3,772,624	3,738,093	3,448,136	3,017,140	3,064,535	3,652,951
Rokeby	Nebraska	6373	1	39,819	13,354	6,560	19,766	16,800	25,462
Rokeby	Nebraska	6373	2	106,681	105,513	12,115	26,935	47,217	86,470
Rokeby	Nebraska	6373	3	187,880	189,563	31,611	15,265	72,438	149,961
Sarpy County	Nebraska	2292	1	224,544	280,930	345,561	25,656	21,232	283,678
Sarpy County	Nebraska	2292	2	224,544	280,930	345,561	25,656	21,232	283,678
Sarpy County Station	Nebraska	2292	CT3	481,907	664,160	414,155	111,524	220,954	520,074
Sarpy County Station	Nebraska	2292	CT4A		218,017	122,244	27,171	105,470	148,577
Sarpy County Station	Nebraska	2292	CT4B	131,682	226,530	125,884	27,442	104,394	161,365
Sarpy County Station	Nebraska	2292	CT5A	166,890	187,507	121,165	35,375	92,858	158,521
Sarpy County Station	Nebraska	2292	CT5B	178,565	201,289	128,837	39,632	103,572	169,564
Sheldon	Nebraska	2277	1	3,776,459	3,581,991	2,954,545	3,707,555	3,404,225	3,688,668

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Hallam	Nebraska	2265	1	125,178,677	0.000095				
Hebron	Nebraska	2266	1	125,178,677	0.000037				
J Street	Nebraska	2250	1	125,178,677	0.000029				
Jones Street	Nebraska	2290	1	125,178,677	0.000043				
Jones Street	Nebraska	2290	2	125,178,677	0.000043				
Lon D Wright Power Plant	Nebraska	2240	50T	125,178,677	0.000133				
Lon D Wright Power Plant	Nebraska	2240	8	125,178,677	0.019664				
McCook	Nebraska	2271	1	125,178,677	0.000079				
Nebraska City Station	Nebraska	6096	1	125,178,677	0.160052				
Nebraska City Station	Nebraska	6096	2	125,178,677	0.142898				
North Omaha Station	Nebraska	2291	1	125,178,677	0.017043				
North Omaha Station	Nebraska	2291	2	125,178,677	0.023899				
North Omaha Station	Nebraska	2291	3	125,178,677	0.023987				
North Omaha Station	Nebraska	2291	4	125,178,677	0.028740				
North Omaha Station	Nebraska	2291	5	125,178,677	0.048043				
Platte	Nebraska	59	1	125,178,677	0.029182				
Rokeby	Nebraska	6373	1	125,178,677	0.000203				
Rokeby	Nebraska	6373	2	125,178,677	0.000691				
Rokeby	Nebraska	6373	3	125,178,677	0.001198				
Sarpy County	Nebraska	2292	1	125,178,677	0.002266				
Sarpy County	Nebraska	2292	2	125,178,677	0.002266				
Sarpy County Station	Nebraska	2292	CT3	125,178,677	0.004155				
Sarpy County Station	Nebraska	2292	CT4A	125,178,677	0.001187				
Sarpy County Station	Nebraska	2292	CT4B	125,178,677	0.001289				
Sarpy County Station	Nebraska	2292	CT5A	125,178,677	0.001266				
Sarpy County Station	Nebraska	2292	CT5B	125,178,677	0.001355				
Sheldon	Nebraska	2277	1	125,178,677	0.029467				

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Hallam	Nebraska	2265	1		2	3		4	
Hebron	Nebraska	2266	1		1	2		1	
J Street	Nebraska	2250	1			0		1	
Jones Street	Nebraska	2290	1		1	1		1	
Jones Street	Nebraska	2290	2		1	1		1	
Lon D Wright Power Plant	Nebraska	2240	50T		0	0	1	0	0
Lon D Wright Power Plant	Nebraska	2240	8	185	264	287	266	230	297
McCook	Nebraska	2271	1			1		1	
Nebraska City Station	Nebraska	6096	1	4,256	2,814	4,405	4,063	3,803	4,375
Nebraska City Station	Nebraska	6096	2						
North Omaha Station	Nebraska	2291	1	285	319	342	359	247	306
North Omaha Station	Nebraska	2291	2	429	477	495	491	425	393
North Omaha Station	Nebraska	2291	3	429	480	485	482	404	432
North Omaha Station	Nebraska	2291	4	665	626	582	611	520	588
North Omaha Station	Nebraska	2291	5	677	941	784	776	1,036	1,206
Platte	Nebraska	59	1	631	553	577	643	660	581
Rokeby	Nebraska	6373	1		12	13		7	
Rokeby	Nebraska	6373	2	20	6	6	6	6	1
Rokeby	Nebraska	6373	3	7	5	7	11	10	2
Sarpy County	Nebraska	2292	1		13	37		28	
Sarpy County	Nebraska	2292	2		13	37		28	
Sarpy County Station	Nebraska	2292	CT3	13	4	17	15	21	14
Sarpy County Station	Nebraska	2292	CT4A	6	3	8		9	5
Sarpy County Station	Nebraska	2292	CT4B	6	3	7	5	9	5
Sarpy County Station	Nebraska	2292	CT5A	5	3	6	6	7	5
Sarpy County Station	Nebraska	2292	CT5B	5	3	7	7	8	5
Sheldon	Nebraska	2277	1	863	1,551	2,112	1,831	1,658	1,461

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Hallam	Nebraska	2265	1			4			
Hebron	Nebraska	2266	1			2			
J Street	Nebraska	2250	1			1			
Jones Street	Nebraska	2290	1			1			
Jones Street	Nebraska	2290	2			1			
Lon D Wright Power Plant	Nebraska	2240	50T	1	0	1			
Lon D Wright Power Plant	Nebraska	2240	8	194	189	297			
McCook	Nebraska	2271	1			1			
Nebraska City Station	Nebraska	6096	1	3,375	3,576	4,405			
Nebraska City Station	Nebraska	6096	2	472	592	592			
North Omaha Station	Nebraska	2291	1	237	282	359			
North Omaha Station	Nebraska	2291	2	410	441	495			
North Omaha Station	Nebraska	2291	3	364	394	485			
North Omaha Station	Nebraska	2291	4	469	580	665			
North Omaha Station	Nebraska	2291	5	865	1,161	1,206			
Platte	Nebraska	59	1	505	523	660			
Rokeby	Nebraska	6373	1			13			
Rokeby	Nebraska	6373	2	11	6	20			
Rokeby	Nebraska	6373	3	1	4	11			
Sarpy County	Nebraska	2292	1			37			
Sarpy County	Nebraska	2292	2			37			
Sarpy County Station	Nebraska	2292	CT3	3	6	21			
Sarpy County Station	Nebraska	2292	CT4A	1	5	9			
Sarpy County Station	Nebraska	2292	CT4B	1	4	9			
Sarpy County Station	Nebraska	2292	CT5A	1	4	7			
Sarpy County Station	Nebraska	2292	CT5B	2	4	8			
Sheldon	Nebraska	2277	1	1,761	1,580	2,112			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Hallam	Nebraska	2265	1					
Hebron	Nebraska	2266	1					
J Street	Nebraska	2250	1					
Jones Street	Nebraska	2290	1					
Jones Street	Nebraska	2290	2					
Lon D Wright Power Plant	Nebraska	2240	50T					
Lon D Wright Power Plant	Nebraska	2240	8					
McCook	Nebraska	2271	1					
Nebraska City Station	Nebraska	6096	1					
Nebraska City Station	Nebraska	6096	2					
North Omaha Station	Nebraska	2291	1					
North Omaha Station	Nebraska	2291	2					
North Omaha Station	Nebraska	2291	3					
North Omaha Station	Nebraska	2291	4					
North Omaha Station	Nebraska	2291	5					
Platte	Nebraska	59	1					
Rokeby	Nebraska	6373	1					
Rokeby	Nebraska	6373	2					
Rokeby	Nebraska	6373	3					
Sarpy County	Nebraska	2292	1					
Sarpy County	Nebraska	2292	2					
Sarpy County Station	Nebraska	2292	CT3					
Sarpy County Station	Nebraska	2292	CT4A					
Sarpy County Station	Nebraska	2292	CT4B					
Sarpy County Station	Nebraska	2292	CT5A					
Sarpy County Station	Nebraska	2292	CT5B					
Sheldon	Nebraska	2277	1					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Hallam	Nebraska	2265	1					Y
Hebron	Nebraska	2266	1					Y
J Street	Nebraska	2250	1					Y
Jones Street	Nebraska	2290	1					Y
Jones Street	Nebraska	2290	2					Y
Lon D Wright Power Plant	Nebraska	2240	50T					Y
Lon D Wright Power Plant	Nebraska	2240	8					Y
McCook	Nebraska	2271	1					Y
Nebraska City Station	Nebraska	6096	1					Y
Nebraska City Station	Nebraska	6096	2					Y
North Omaha Station	Nebraska	2291	1					Y
North Omaha Station	Nebraska	2291	2					Y
North Omaha Station	Nebraska	2291	3					Y
North Omaha Station	Nebraska	2291	4					Y
North Omaha Station	Nebraska	2291	5					Y
Platte	Nebraska	59	1					Y
Rokeyby	Nebraska	6373	1					Y
Rokeyby	Nebraska	6373	2					Y
Rokeyby	Nebraska	6373	3					Y
Sarpy County	Nebraska	2292	1					Y
Sarpy County	Nebraska	2292	2					Y
Sarpy County Station	Nebraska	2292	CT3					Y
Sarpy County Station	Nebraska	2292	CT4A					Y
Sarpy County Station	Nebraska	2292	CT4B					Y
Sarpy County Station	Nebraska	2292	CT5A					Y
Sarpy County Station	Nebraska	2292	CT5B					Y
Sheldon	Nebraska	2277	1					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Hallam	Nebraska	2265	1		Y		Y	
Hebron	Nebraska	2266	1		Y		Y	
J Street	Nebraska	2250	1		Y		Y	
Jones Street	Nebraska	2290	1		Y		Y	
Jones Street	Nebraska	2290	2		Y		Y	
Lon D Wright Power Plant	Nebraska	2240	50T		Y			
Lon D Wright Power Plant	Nebraska	2240	8		Y			
McCook	Nebraska	2271	1		Y		Y	
Nebraska City Station	Nebraska	6096	1		Y			
Nebraska City Station	Nebraska	6096	2		Y			
North Omaha Station	Nebraska	2291	1		Y			
North Omaha Station	Nebraska	2291	2		Y			
North Omaha Station	Nebraska	2291	3		Y			
North Omaha Station	Nebraska	2291	4		Y			
North Omaha Station	Nebraska	2291	5		Y			
Platte	Nebraska	59	1		Y			
Rokeby	Nebraska	6373	1		Y		Y	
Rokeby	Nebraska	6373	2		Y			
Rokeby	Nebraska	6373	3		Y			
Sarpy County	Nebraska	2292	1		Y		Y	
Sarpy County	Nebraska	2292	2		Y		Y	
Sarpy County Station	Nebraska	2292	CT3		Y			
Sarpy County Station	Nebraska	2292	CT4A		Y			
Sarpy County Station	Nebraska	2292	CT4B		Y			
Sarpy County Station	Nebraska	2292	CT5A		Y			
Sarpy County Station	Nebraska	2292	CT5B		Y			
Sheldon	Nebraska	2277	1		Y			

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Sheldon	Nebraska	2277	2	1380	9,756,575	9,743,660	9,364,972	9,159,336	7,554,720
Terry Bundy Generating Station	Nebraska	7887	SVGS2	8370	446,864	680,777	454,904	202,170	385,025
Terry Bundy Generating Station	Nebraska	7887	SVGS3	8372	439,760	683,310	443,215	179,318	379,377
Terry Bundy Generating Station	Nebraska	7887	SVGS4	8374	343,696	539,321	281,722	136,303	231,543
AES Red Oak	New Jersey	55239	1	8480	3,943,097	6,070,858	6,111,710	8,311,163	10,205,521
AES Red Oak	New Jersey	55239	2	8482	3,788,955	6,034,404	5,501,286	9,766,138	11,372,490
AES Red Oak	New Jersey	55239	3	8484	4,089,704	6,355,035	5,546,121	9,383,342	10,552,313
B L England	New Jersey	2378	1	1426	5,984,329	7,798,987	2,730,256	882,652	1,266,775
B L England	New Jersey	2378	2	1427	7,582,232	7,785,656	7,541,247	3,975,952	5,047,620
B L England	New Jersey	2378	3	1428	852,363	1,017,966	426,010	185,549	149,313
Bayonne Plant Holding, LLC	New Jersey	50497	001001	3668	476,241	586,884	741,678	210,413	538,522
Bayonne Plant Holding, LLC	New Jersey	50497	002001	3669	509,364	629,288	657,631	157,960	477,627
Bayonne Plant Holding, LLC	New Jersey	50497	004001	3670	541,010	692,355	446,306	118,327	508,186
Bergen	New Jersey	2398	1101	1485	5,856,468	4,871,508	5,806,742	5,071,226	5,500,806
Bergen	New Jersey	2398	1201	1486	6,468,009	5,656,165	6,047,656	6,017,177	6,508,311
Bergen	New Jersey	2398	1301	1487	6,096,395	6,538,405	5,847,716	6,426,461	7,665,338
Bergen	New Jersey	2398	1401	1488	5,448,634	6,936,861	7,045,426	5,523,340	6,940,741
Bergen	New Jersey	2398	2101	1490	5,360,937	7,652,408	8,643,119	7,489,906	9,688,967
Bergen	New Jersey	2398	2201	1491	5,801,253	8,050,257	8,749,556	8,143,476	10,750,943
Burlington Generating Station	New Jersey	2399	12001	1497	507	15,387	9,840	1,540	18,428
Burlington Generating Station	New Jersey	2399	121	1498	520,170	580,045	324,459	162,355	323,175
Burlington Generating Station	New Jersey	2399	122	1499	365,697	535,313	304,441	163,314	313,902
Burlington Generating Station	New Jersey	2399	123	1500	399,784	487,401	308,875	145,512	322,461
Burlington Generating Station	New Jersey	2399	124	1501	538,608	472,345	322,271	165,177	341,920
Burlington Generating Station	New Jersey	2399	14001	1502	22,395	13,122	7,346	3,120	6,017
Burlington Generating Station	New Jersey	2399	16001	1503	16,878	10,065	7,388	3,388	7,039
Burlington Generating Station	New Jersey	2399	18001	1504	28,685	14,704	4,175	18,780	13,177

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Sheldon	Nebraska	2277	2	9,621,735	284,932,328	0.033768	62,450	62,450
Terry Bundy Generating Station	Nebraska	7887	SVGS2	527,515	284,932,328	0.001851	62,450	62,450
Terry Bundy Generating Station	Nebraska	7887	SVGS3	522,095	284,932,328	0.001832	62,450	62,450
Terry Bundy Generating Station	Nebraska	7887	SVGS4	388,246	284,932,328	0.001363	62,450	62,450
AES Red Oak	New Jersey	55239	1	8,209,465	304,983,018	0.026918	7,517	5,463
AES Red Oak	New Jersey	55239	2	9,057,677	304,983,018	0.029699	7,517	5,463
AES Red Oak	New Jersey	55239	3	8,763,564	304,983,018	0.028735	7,517	5,463
B L England	New Jersey	2378	1	5,504,524	304,983,018	0.018049	7,517	5,463
B L England	New Jersey	2378	2	7,636,378	304,983,018	0.025039	7,517	5,463
B L England	New Jersey	2378	3	765,446	304,983,018	0.002510	7,517	5,463
Bayonne Plant Holding, LLC	New Jersey	50497	001001	622,361	304,983,018	0.002041	7,517	5,463
Bayonne Plant Holding, LLC	New Jersey	50497	002001	598,761	304,983,018	0.001963	7,517	5,463
Bayonne Plant Holding, LLC	New Jersey	50497	004001	580,517	304,983,018	0.001903	7,517	5,463
Bergen	New Jersey	2398	1101	5,721,339	304,983,018	0.018760	7,517	5,463
Bergen	New Jersey	2398	1201	6,341,325	304,983,018	0.020792	7,517	5,463
Bergen	New Jersey	2398	1301	6,876,735	304,983,018	0.022548	7,517	5,463
Bergen	New Jersey	2398	1401	6,974,342	304,983,018	0.022868	7,517	5,463
Bergen	New Jersey	2398	2101	8,661,498	304,983,018	0.028400	7,517	5,463
Bergen	New Jersey	2398	2201	9,214,659	304,983,018	0.030214	7,517	5,463
Burlington Generating Station	New Jersey	2399	12001	14,552	304,983,018	0.000048	7,517	5,463
Burlington Generating Station	New Jersey	2399	121	474,891	304,983,018	0.001557	7,517	5,463
Burlington Generating Station	New Jersey	2399	122	404,970	304,983,018	0.001328	7,517	5,463
Burlington Generating Station	New Jersey	2399	123	403,215	304,983,018	0.001322	7,517	5,463
Burlington Generating Station	New Jersey	2399	124	450,958	304,983,018	0.001479	7,517	5,463
Burlington Generating Station	New Jersey	2399	14001	14,288	304,983,018	0.000047	7,517	5,463
Burlington Generating Station	New Jersey	2399	16001	11,444	304,983,018	0.000038	7,517	5,463
Burlington Generating Station	New Jersey	2399	18001	20,723	304,983,018	0.000068	7,517	5,463

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Sheldon	Nebraska	2277	2	28,237	28,237	2,109	2,109	954	954
Terry Bundy Generating Station	Nebraska	7887	SVGS2	28,237	28,237	116	116	52	52
Terry Bundy Generating Station	Nebraska	7887	SVGS3	28,237	28,237	114	114	52	52
Terry Bundy Generating Station	Nebraska	7887	SVGS4	28,237	28,237	85	85	38	38
AES Red Oak	New Jersey	55239	1	8,054	7,786	202	147	217	210
AES Red Oak	New Jersey	55239	2	8,054	7,786	223	162	239	231
AES Red Oak	New Jersey	55239	3	8,054	7,786	216	157	231	224
B L England	New Jersey	2378	1	8,054	7,786	136	99	145	141
B L England	New Jersey	2378	2	8,054	7,786	188	137	202	195
B L England	New Jersey	2378	3	8,054	7,786	19	14	20	20
Bayonne Plant Holding, LLC	New Jersey	50497	001001	8,054	7,786	15	11	16	16
Bayonne Plant Holding, LLC	New Jersey	50497	002001	8,054	7,786	15	11	16	15
Bayonne Plant Holding, LLC	New Jersey	50497	004001	8,054	7,786	14	10	15	15
Bergen	New Jersey	2398	1101	8,054	7,786	141	102	151	146
Bergen	New Jersey	2398	1201	8,054	7,786	156	114	167	162
Bergen	New Jersey	2398	1301	8,054	7,786	169	123	182	176
Bergen	New Jersey	2398	1401	8,054	7,786	172	125	184	178
Bergen	New Jersey	2398	2101	8,054	7,786	213	155	229	221
Bergen	New Jersey	2398	2201	8,054	7,786	227	165	243	235
Burlington Generating Station	New Jersey	2399	12001	8,054	7,786	0	0	0	0
Burlington Generating Station	New Jersey	2399	121	8,054	7,786	12	9	13	12
Burlington Generating Station	New Jersey	2399	122	8,054	7,786	10	7	11	10
Burlington Generating Station	New Jersey	2399	123	8,054	7,786	10	7	11	10
Burlington Generating Station	New Jersey	2399	124	8,054	7,786	11	8	12	12
Burlington Generating Station	New Jersey	2399	14001	8,054	7,786	0	0	0	0
Burlington Generating Station	New Jersey	2399	16001	8,054	7,786	0	0	0	0
Burlington Generating Station	New Jersey	2399	18001	8,054	7,786	1	0	1	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Sheldon	Nebraska	2277	2	2,547	2,457	2,460	2,269	2,424	2,444
Terry Bundy Generating Station	Nebraska	7887	SVGS2		0	0	0	0	0
Terry Bundy Generating Station	Nebraska	7887	SVGS3		0	0	0	1	0
Terry Bundy Generating Station	Nebraska	7887	SVGS4		0	0	0	0	0
AES Red Oak	New Jersey	55239	1	1	1	1	1	2	2
AES Red Oak	New Jersey	55239	2	1	1	1	1	2	2
AES Red Oak	New Jersey	55239	3	1	1	1	1	2	2
B L England	New Jersey	2378	1	15,022	12,092	8,121	8,958	11,233	3,467
B L England	New Jersey	2378	2	1,183	1,068	943	925	1,063	709
B L England	New Jersey	2378	3	965	372	597	331	437	194
Bayonne Plant Holding, LLC	New Jersey	50497	001001	1	0	0	0	0	0
Bayonne Plant Holding, LLC	New Jersey	50497	002001	2	0	0	0	0	0
Bayonne Plant Holding, LLC	New Jersey	50497	004001	3	1	0	0	0	0
Bergen	New Jersey	2398	1101	4	5	1	2	1	2
Bergen	New Jersey	2398	1201	6	2	2	2	3	2
Bergen	New Jersey	2398	1301	2	13	3	2	3	2
Bergen	New Jersey	2398	1401	3	4	2	2	2	3
Bergen	New Jersey	2398	2101	2	4	5	2	3	3
Bergen	New Jersey	2398	2201	6	4	5	2	3	3
Burlington Generating Station	New Jersey	2399	12001						
Burlington Generating Station	New Jersey	2399	121	5	0	0	0	0	0
Burlington Generating Station	New Jersey	2399	122	0	0	0	0	6	0
Burlington Generating Station	New Jersey	2399	123	7	0	0	0	1	0
Burlington Generating Station	New Jersey	2399	124	8	0	0	0	7	0
Burlington Generating Station	New Jersey	2399	14001						
Burlington Generating Station	New Jersey	2399	16001						
Burlington Generating Station	New Jersey	2399	18001						

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Sheldon	Nebraska	2277	2	2,692	1,914	2,692			
Terry Bundy Generating Station	Nebraska	7887	SVGS2	0	0	0			
Terry Bundy Generating Station	Nebraska	7887	SVGS3	0	0	1			
Terry Bundy Generating Station	Nebraska	7887	SVGS4	0	0	0			
AES Red Oak	New Jersey	55239	1	2	3	3			
AES Red Oak	New Jersey	55239	2	3	3	3			
AES Red Oak	New Jersey	55239	3	3	3	3			
B L England	New Jersey	2378	1	1,154	1,553	15,022			
B L England	New Jersey	2378	2	349	315	1,183			
B L England	New Jersey	2378	3	88	69	965			
Bayonne Plant Holding, LLC	New Jersey	50497	001001	0	0	1			
Bayonne Plant Holding, LLC	New Jersey	50497	002001	0	0	2			
Bayonne Plant Holding, LLC	New Jersey	50497	004001	0	0	3			
Bergen	New Jersey	2398	1101	2	2	5			
Bergen	New Jersey	2398	1201	2	2	6			
Bergen	New Jersey	2398	1301	2	2	13			
Bergen	New Jersey	2398	1401	2	2	4			
Bergen	New Jersey	2398	2101	2	3	5			
Bergen	New Jersey	2398	2201	3	3	6			
Burlington Generating Station	New Jersey	2399	12001	0	2	2			
Burlington Generating Station	New Jersey	2399	121	0	0	5			
Burlington Generating Station	New Jersey	2399	122	0	0	6			
Burlington Generating Station	New Jersey	2399	123	0	0	7			
Burlington Generating Station	New Jersey	2399	124	0	0	8			
Burlington Generating Station	New Jersey	2399	14001	0	1	1			
Burlington Generating Station	New Jersey	2399	16001	0	1	1			
Burlington Generating Station	New Jersey	2399	18001	2	1	2			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Sheldon	Nebraska	2277	2				4,107	3,786	4,405
Terry Bundy Generating Station	Nebraska	7887	SVGS2					45	17
Terry Bundy Generating Station	Nebraska	7887	SVGS3					48	12
Terry Bundy Generating Station	Nebraska	7887	SVGS4					20	10
AES Red Oak	New Jersey	55239	1				13	33	44
AES Red Oak	New Jersey	55239	2				13	33	25
AES Red Oak	New Jersey	55239	3				14	44	40
B L England	New Jersey	2378	1				1,951	2,199	1,782
B L England	New Jersey	2378	2				1,708	1,881	2,130
B L England	New Jersey	2378	3				204	83	138
Bayonne Plant Holding, LLC	New Jersey	50497	001001				20	10	14
Bayonne Plant Holding, LLC	New Jersey	50497	002001				13	12	14
Bayonne Plant Holding, LLC	New Jersey	50497	004001				21	10	15
Bergen	New Jersey	2398	1101				67	94	49
Bergen	New Jersey	2398	1201				103	66	48
Bergen	New Jersey	2398	1301				61	83	58
Bergen	New Jersey	2398	1401				73	88	52
Bergen	New Jersey	2398	2101				36	36	29
Bergen	New Jersey	2398	2201				38	36	34
Burlington Generating Station	New Jersey	2399	12001				2	2	24
Burlington Generating Station	New Jersey	2399	121				18	21	16
Burlington Generating Station	New Jersey	2399	122				12	21	16
Burlington Generating Station	New Jersey	2399	123				17	19	15
Burlington Generating Station	New Jersey	2399	124				20	18	16
Burlington Generating Station	New Jersey	2399	14001				1	2	21
Burlington Generating Station	New Jersey	2399	16001				1	2	21
Burlington Generating Station	New Jersey	2399	18001				2	1	27

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Sheldon	Nebraska	2277	2	4,079	4,186	3,762	3,360	2,513	4,405
Terry Bundy Generating Station	Nebraska	7887	SVGS2	6	9	5	3	4	45
Terry Bundy Generating Station	Nebraska	7887	SVGS3	6	9	4	3	6	48
Terry Bundy Generating Station	Nebraska	7887	SVGS4	4	6	4	2	6	20
AES Red Oak	New Jersey	55239	1	33	42	46	47	54	54
AES Red Oak	New Jersey	55239	2	32	45	44	55	60	60
AES Red Oak	New Jersey	55239	3	33	48	43	55	55	55
B L England	New Jersey	2378	1	1,609	2,145	723	194	254	2,199
B L England	New Jersey	2378	2	1,978	2,134	1,993	893	1,060	2,134
B L England	New Jersey	2378	3	79	97	42	18	14	204
Bayonne Plant Holding, LLC	New Jersey	50497	001001	9	9	13	4	9	20
Bayonne Plant Holding, LLC	New Jersey	50497	002001	10	11	10	3	8	14
Bayonne Plant Holding, LLC	New Jersey	50497	004001	9	11	7	2	8	21
Bergen	New Jersey	2398	1101	79	69	91	82	77	94
Bergen	New Jersey	2398	1201	90	91	96	95	100	103
Bergen	New Jersey	2398	1301	97	111	102	105	116	116
Bergen	New Jersey	2398	1401	85	113	125	99	101	125
Bergen	New Jersey	2398	2101	22	29	40	42	34	42
Bergen	New Jersey	2398	2201	31	35	36	35	36	38
Burlington Generating Station	New Jersey	2399	12001	0	5	4	1	7	24
Burlington Generating Station	New Jersey	2399	121	24	28	16	8	15	28
Burlington Generating Station	New Jersey	2399	122	17	25	15	8	14	25
Burlington Generating Station	New Jersey	2399	123	18	23	16	7	15	23
Burlington Generating Station	New Jersey	2399	124	25	22	16	8	16	25
Burlington Generating Station	New Jersey	2399	14001	13	5	3	1	2	21
Burlington Generating Station	New Jersey	2399	16001	10	3	3	1	3	21
Burlington Generating Station	New Jersey	2399	18001	17	5	2	7	5	27

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Sheldon	Nebraska	2277	2						
Terry Bundy Generating Station	Nebraska	7887	SVGS2						
Terry Bundy Generating Station	Nebraska	7887	SVGS3						
Terry Bundy Generating Station	Nebraska	7887	SVGS4						
AES Red Oak	New Jersey	55239	1						
AES Red Oak	New Jersey	55239	2						
AES Red Oak	New Jersey	55239	3						
B L England	New Jersey	2378	1						
B L England	New Jersey	2378	2						
B L England	New Jersey	2378	3						
Bayonne Plant Holding, LLC	New Jersey	50497	001001						
Bayonne Plant Holding, LLC	New Jersey	50497	002001						
Bayonne Plant Holding, LLC	New Jersey	50497	004001						
Bergen	New Jersey	2398	1101						
Bergen	New Jersey	2398	1201						
Bergen	New Jersey	2398	1301						
Bergen	New Jersey	2398	1401						
Bergen	New Jersey	2398	2101						
Bergen	New Jersey	2398	2201						
Burlington Generating Station	New Jersey	2399	12001						
Burlington Generating Station	New Jersey	2399	121						
Burlington Generating Station	New Jersey	2399	122						
Burlington Generating Station	New Jersey	2399	123						
Burlington Generating Station	New Jersey	2399	124						
Burlington Generating Station	New Jersey	2399	14001						
Burlington Generating Station	New Jersey	2399	16001						
Burlington Generating Station	New Jersey	2399	18001						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Sheldon	Nebraska	2277	2				
Terry Bundy Generating Station	Nebraska	7887	SVGS2				
Terry Bundy Generating Station	Nebraska	7887	SVGS3				
Terry Bundy Generating Station	Nebraska	7887	SVGS4				
AES Red Oak	New Jersey	55239	1	3	3		
AES Red Oak	New Jersey	55239	2	3	3		
AES Red Oak	New Jersey	55239	3	3	3		
B L England	New Jersey	2378	1	355	355		
B L England	New Jersey	2378	2	493	493		
B L England	New Jersey	2378	3	49	49		
Bayonne Plant Holding, LLC	New Jersey	50497	001001	1	1		
Bayonne Plant Holding, LLC	New Jersey	50497	002001	2	2		
Bayonne Plant Holding, LLC	New Jersey	50497	004001	3	3		
Bergen	New Jersey	2398	1101	5	5		
Bergen	New Jersey	2398	1201	6	6		
Bergen	New Jersey	2398	1301	13	13		
Bergen	New Jersey	2398	1401	4	4		
Bergen	New Jersey	2398	2101	5	5		
Bergen	New Jersey	2398	2201	6	6		
Burlington Generating Station	New Jersey	2399	12001	1	1		
Burlington Generating Station	New Jersey	2399	121	5	5		
Burlington Generating Station	New Jersey	2399	122	6	6		
Burlington Generating Station	New Jersey	2399	123	7	7		
Burlington Generating Station	New Jersey	2399	124	8	8		
Burlington Generating Station	New Jersey	2399	14001	1	1		
Burlington Generating Station	New Jersey	2399	16001	1	1		
Burlington Generating Station	New Jersey	2399	18001	1	1		

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Sheldon	Nebraska	2277	2			970	970
Terry Bundy Generating Station	Nebraska	7887	SVGS2			45	45
Terry Bundy Generating Station	Nebraska	7887	SVGS3			48	48
Terry Bundy Generating Station	Nebraska	7887	SVGS4			20	20
AES Red Oak	New Jersey	55239	1			54	54
AES Red Oak	New Jersey	55239	2			60	60
AES Red Oak	New Jersey	55239	3			55	55
B L England	New Jersey	2378	1			245	245
B L England	New Jersey	2378	2			340	340
B L England	New Jersey	2378	3			34	34
Bayonne Plant Holding, LLC	New Jersey	50497	001001			20	20
Bayonne Plant Holding, LLC	New Jersey	50497	002001			14	14
Bayonne Plant Holding, LLC	New Jersey	50497	004001			21	21
Bergen	New Jersey	2398	1101			94	94
Bergen	New Jersey	2398	1201			103	103
Bergen	New Jersey	2398	1301			116	116
Bergen	New Jersey	2398	1401			125	125
Bergen	New Jersey	2398	2101			42	42
Bergen	New Jersey	2398	2201			38	38
Burlington Generating Station	New Jersey	2399	12001			1	1
Burlington Generating Station	New Jersey	2399	121			21	21
Burlington Generating Station	New Jersey	2399	122			18	18
Burlington Generating Station	New Jersey	2399	123			18	18
Burlington Generating Station	New Jersey	2399	124			20	20
Burlington Generating Station	New Jersey	2399	14001			1	1
Burlington Generating Station	New Jersey	2399	16001			1	1
Burlington Generating Station	New Jersey	2399	18001			1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Sheldon	Nebraska	2277	2	970	970	970	970
Terry Bundy Generating Station	Nebraska	7887	SVGS2	45	45	45	45
Terry Bundy Generating Station	Nebraska	7887	SVGS3	48	48	48	48
Terry Bundy Generating Station	Nebraska	7887	SVGS4	20	20	20	20
AES Red Oak	New Jersey	55239	1	54	54	54	54
AES Red Oak	New Jersey	55239	2	60	60	60	60
AES Red Oak	New Jersey	55239	3	55	55	55	55
B L England	New Jersey	2378	1	235	235	235	235
B L England	New Jersey	2378	2	326	326	326	326
B L England	New Jersey	2378	3	33	33	33	33
Bayonne Plant Holding, LLC	New Jersey	50497	001001	20	20	20	20
Bayonne Plant Holding, LLC	New Jersey	50497	002001	14	14	14	14
Bayonne Plant Holding, LLC	New Jersey	50497	004001	21	21	21	21
Bergen	New Jersey	2398	1101	94	94	94	94
Bergen	New Jersey	2398	1201	103	103	103	103
Bergen	New Jersey	2398	1301	116	116	116	116
Bergen	New Jersey	2398	1401	125	125	125	125
Bergen	New Jersey	2398	2101	42	42	42	42
Bergen	New Jersey	2398	2201	38	38	38	38
Burlington Generating Station	New Jersey	2399	12001	1	1	1	1
Burlington Generating Station	New Jersey	2399	121	20	20	20	20
Burlington Generating Station	New Jersey	2399	122	17	17	17	17
Burlington Generating Station	New Jersey	2399	123	17	17	17	17
Burlington Generating Station	New Jersey	2399	124	19	19	19	19
Burlington Generating Station	New Jersey	2399	14001	1	1	1	1
Burlington Generating Station	New Jersey	2399	16001	0	0	0	0
Burlington Generating Station	New Jersey	2399	18001	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Sheldon	Nebraska	2277	2	3,976,247	4,412,704	3,782,383	3,710,228	3,538,278	4,057,111
Terry Bundy Generating Station	Nebraska	7887	SVGS2	374,988	474,549	294,653	155,206	348,618	399,385
Terry Bundy Generating Station	Nebraska	7887	SVGS3	368,627	474,039	298,159	148,937	331,103	391,256
Terry Bundy Generating Station	Nebraska	7887	SVGS4	249,729	298,400	143,672	84,731	178,781	242,303
AES Red Oak	New Jersey	55239	1	3,460,939	3,794,699	3,372,033	4,943,210	4,591,637	4,443,182
AES Red Oak	New Jersey	55239	2	3,263,154	4,019,623	3,559,244	5,331,007	5,752,630	5,034,420
AES Red Oak	New Jersey	55239	3	3,532,841	4,077,739	3,377,430	4,773,529	5,712,565	4,854,611
B L England	New Jersey	2378	1	3,152,881	3,849,087	2,704,117	882,652	1,266,775	3,235,362
B L England	New Jersey	2378	2	2,872,620	3,082,466	2,471,068	1,721,715	2,674,710	2,876,599
B L England	New Jersey	2378	3	771,850	600,052	322,270	99,604	148,344	564,724
Bayonne Plant Holding, LLC	New Jersey	50497	001001	330,161	373,488	596,191	143,821	492,977	487,552
Bayonne Plant Holding, LLC	New Jersey	50497	002001	303,256	438,798	539,959	123,648	437,330	472,029
Bayonne Plant Holding, LLC	New Jersey	50497	004001	341,819	476,869	376,067	102,452	453,889	435,608
Bergen	New Jersey	2398	1101	2,578,920	2,415,344	2,775,407	2,173,771	2,655,470	2,669,932
Bergen	New Jersey	2398	1201	2,962,689	2,445,329	2,620,749	2,465,434	2,757,228	2,780,222
Bergen	New Jersey	2398	1301	2,979,544	2,891,318	2,820,608	2,652,248	3,321,636	3,064,166
Bergen	New Jersey	2398	1401	2,656,006	2,940,788	3,023,044	2,575,485	3,178,731	3,047,521
Bergen	New Jersey	2398	2101	2,988,936	3,707,627	4,403,888	3,357,941	4,287,134	4,132,883
Bergen	New Jersey	2398	2201	3,227,446	3,794,809	4,473,859	3,543,077	4,861,382	4,376,683
Burlington Generating Station	New Jersey	2399	12001	507	15,387	6,653	1,115	18,428	13,490
Burlington Generating Station	New Jersey	2399	121	271,981	335,279	172,706	65,146	228,674	278,645
Burlington Generating Station	New Jersey	2399	122	170,221	314,696	175,047	67,635	217,450	235,731
Burlington Generating Station	New Jersey	2399	123	265,074	320,146	174,318	56,094	238,447	274,555
Burlington Generating Station	New Jersey	2399	124	279,364	276,695	189,995	71,098	244,682	266,914
Burlington Generating Station	New Jersey	2399	14001	22,395	13,122	5,550	1,443	4,427	13,689
Burlington Generating Station	New Jersey	2399	16001	16,878	10,065	5,087	1,760	6,693	11,212
Burlington Generating Station	New Jersey	2399	18001	28,685	14,704	2,352	15,092	13,177	19,494

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Sheldon	Nebraska	2277	2	125,178,677	0.032411				
Terry Bundy Generating Station	Nebraska	7887	SVGS2	125,178,677	0.003191				
Terry Bundy Generating Station	Nebraska	7887	SVGS3	125,178,677	0.003126				
Terry Bundy Generating Station	Nebraska	7887	SVGS4	125,178,677	0.001936				
AES Red Oak	New Jersey	55239	1	151,433,823	0.029341	4,045	3,656	119	107
AES Red Oak	New Jersey	55239	2	151,433,823	0.033245	4,045	3,656	134	122
AES Red Oak	New Jersey	55239	3	151,433,823	0.032058	4,045	3,656	130	117
B L England	New Jersey	2378	1	151,433,823	0.021365	4,045	3,656	86	78
B L England	New Jersey	2378	2	151,433,823	0.018996	4,045	3,656	77	69
B L England	New Jersey	2378	3	151,433,823	0.003729	4,045	3,656	15	14
Bayonne Plant Holding, LLC	New Jersey	50497	001001	151,433,823	0.003220	4,045	3,656	13	12
Bayonne Plant Holding, LLC	New Jersey	50497	002001	151,433,823	0.003117	4,045	3,656	13	11
Bayonne Plant Holding, LLC	New Jersey	50497	004001	151,433,823	0.002877	4,045	3,656	12	11
Bergen	New Jersey	2398	1101	151,433,823	0.017631	4,045	3,656	71	64
Bergen	New Jersey	2398	1201	151,433,823	0.018359	4,045	3,656	74	67
Bergen	New Jersey	2398	1301	151,433,823	0.020234	4,045	3,656	82	74
Bergen	New Jersey	2398	1401	151,433,823	0.020124	4,045	3,656	81	74
Bergen	New Jersey	2398	2101	151,433,823	0.027292	4,045	3,656	110	100
Bergen	New Jersey	2398	2201	151,433,823	0.028902	4,045	3,656	117	106
Burlington Generating Station	New Jersey	2399	12001	151,433,823	0.000089	4,045	3,656	0	0
Burlington Generating Station	New Jersey	2399	121	151,433,823	0.001840	4,045	3,656	7	7
Burlington Generating Station	New Jersey	2399	122	151,433,823	0.001557	4,045	3,656	6	6
Burlington Generating Station	New Jersey	2399	123	151,433,823	0.001813	4,045	3,656	7	7
Burlington Generating Station	New Jersey	2399	124	151,433,823	0.001763	4,045	3,656	7	6
Burlington Generating Station	New Jersey	2399	14001	151,433,823	0.000090	4,045	3,656	0	0
Burlington Generating Station	New Jersey	2399	16001	151,433,823	0.000074	4,045	3,656	0	0
Burlington Generating Station	New Jersey	2399	18001	151,433,823	0.000129	4,045	3,656	1	0

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Sheldon	Nebraska	2277	2	1,632	1,459	1,971	1,658	1,861	1,428
Terry Bundy Generating Station	Nebraska	7887	SVGS2		38	16	3	4	2
Terry Bundy Generating Station	Nebraska	7887	SVGS3		38	8	4	4	3
Terry Bundy Generating Station	Nebraska	7887	SVGS4		14	8	2	3	2
AES Red Oak	New Jersey	55239	1	12	26	28	29	24	24
AES Red Oak	New Jersey	55239	2	11	25	17	27	28	28
AES Red Oak	New Jersey	55239	3	13	33	28	28	28	25
B L England	New Jersey	2378	1	692	1,018	897	806	1,031	716
B L England	New Jersey	2378	2	704	723	898	692	815	649
B L England	New Jersey	2378	3	108	48	109	71	56	31
Bayonne Plant Holding, LLC	New Jersey	50497	001001	7	6	10	6	6	9
Bayonne Plant Holding, LLC	New Jersey	50497	002001	2	6	10	6	7	8
Bayonne Plant Holding, LLC	New Jersey	50497	004001	7	6	11	5	7	6
Bergen	New Jersey	2398	1101	20	31	28	33	32	39
Bergen	New Jersey	2398	1201	32	25	24	38	30	37
Bergen	New Jersey	2398	1301	26	28	32	43	45	47
Bergen	New Jersey	2398	1401	29	29	29	37	45	50
Bergen	New Jersey	2398	2101	19	17	13	11	11	17
Bergen	New Jersey	2398	2201	17	15	14	15	16	16
Burlington Generating Station	New Jersey	2399	12001	2	2	24	0	5	3
Burlington Generating Station	New Jersey	2399	121	8	8	8	12	15	8
Burlington Generating Station	New Jersey	2399	122	6	8	8	8	14	8
Burlington Generating Station	New Jersey	2399	123	8	8	8	11	15	8
Burlington Generating Station	New Jersey	2399	124	8	8	8	12	12	9
Burlington Generating Station	New Jersey	2399	14001	1	2	21	13	5	2
Burlington Generating Station	New Jersey	2399	16001	1	2	21	10	3	2
Burlington Generating Station	New Jersey	2399	18001	2	1	27	17	5	1

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns BX - CE			
Sheldon	Nebraska	2277	2	1,202	1,138	1,971			
Terry Bundy Generating Station	Nebraska	7887	SVGS2	2	3	38			
Terry Bundy Generating Station	Nebraska	7887	SVGS3	3	5	38			
Terry Bundy Generating Station	Nebraska	7887	SVGS4	1	4	14			
AES Red Oak	New Jersey	55239	1	26	23	29			
AES Red Oak	New Jersey	55239	2	28	29	29			
AES Red Oak	New Jersey	55239	3	26	28	33			
B L England	New Jersey	2378	1	194	254	1,031			
B L England	New Jersey	2378	2	340	565	898			
B L England	New Jersey	2378	3	10	14	109			
Bayonne Plant Holding, LLC	New Jersey	50497	001001	3	8	10			
Bayonne Plant Holding, LLC	New Jersey	50497	002001	2	7	10			
Bayonne Plant Holding, LLC	New Jersey	50497	004001	2	7	11			
Bergen	New Jersey	2398	1101	32	35	39			
Bergen	New Jersey	2398	1201	37	39	39			
Bergen	New Jersey	2398	1301	41	46	47			
Bergen	New Jersey	2398	1401	42	42	50			
Bergen	New Jersey	2398	2101	17	14	19			
Bergen	New Jersey	2398	2201	15	15	17			
Burlington Generating Station	New Jersey	2399	12001	0	7	24			
Burlington Generating Station	New Jersey	2399	121	3	10	15			
Burlington Generating Station	New Jersey	2399	122	3	9	14			
Burlington Generating Station	New Jersey	2399	123	2	10	15			
Burlington Generating Station	New Jersey	2399	124	3	10	12			
Burlington Generating Station	New Jersey	2399	14001	1	2	21			
Burlington Generating Station	New Jersey	2399	16001	1	3	21			
Burlington Generating Station	New Jersey	2399	18001	6	5	27			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Sheldon	Nebraska	2277	2					
Terry Bundy Generating Station	Nebraska	7887	SVGS2					
Terry Bundy Generating Station	Nebraska	7887	SVGS3					
Terry Bundy Generating Station	Nebraska	7887	SVGS4					
AES Red Oak	New Jersey	55239	1				29	29
AES Red Oak	New Jersey	55239	2				29	29
AES Red Oak	New Jersey	55239	3				33	33
B L England	New Jersey	2378	1				151	151
B L England	New Jersey	2378	2				134	134
B L England	New Jersey	2378	3				26	26
Bayonne Plant Holding, LLC	New Jersey	50497	001001				10	10
Bayonne Plant Holding, LLC	New Jersey	50497	002001				10	10
Bayonne Plant Holding, LLC	New Jersey	50497	004001				11	11
Bergen	New Jersey	2398	1101				39	39
Bergen	New Jersey	2398	1201				39	39
Bergen	New Jersey	2398	1301				47	47
Bergen	New Jersey	2398	1401				50	50
Bergen	New Jersey	2398	2101				19	19
Bergen	New Jersey	2398	2201				17	17
Burlington Generating Station	New Jersey	2399	12001				1	1
Burlington Generating Station	New Jersey	2399	121				13	13
Burlington Generating Station	New Jersey	2399	122				11	11
Burlington Generating Station	New Jersey	2399	123				13	13
Burlington Generating Station	New Jersey	2399	124				12	12
Burlington Generating Station	New Jersey	2399	14001				1	1
Burlington Generating Station	New Jersey	2399	16001				1	1
Burlington Generating Station	New Jersey	2399	18001				1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Sheldon	Nebraska	2277	2					Y
Terry Bundy Generating Station	Nebraska	7887	SVGS2					Y
Terry Bundy Generating Station	Nebraska	7887	SVGS3					Y
Terry Bundy Generating Station	Nebraska	7887	SVGS4					Y
AES Red Oak	New Jersey	55239	1	29	29	29	29	Y
AES Red Oak	New Jersey	55239	2	29	29	29	29	Y
AES Red Oak	New Jersey	55239	3	33	33	33	33	Y
B L England	New Jersey	2378	1	132	132	132	132	Y
B L England	New Jersey	2378	2	118	118	118	118	Y
B L England	New Jersey	2378	3	23	23	23	23	Y
Bayonne Plant Holding, LLC	New Jersey	50497	001001	10	10	10	10	Y
Bayonne Plant Holding, LLC	New Jersey	50497	002001	10	10	10	10	Y
Bayonne Plant Holding, LLC	New Jersey	50497	004001	11	11	11	11	Y
Bergen	New Jersey	2398	1101	39	39	39	39	Y
Bergen	New Jersey	2398	1201	39	39	39	39	Y
Bergen	New Jersey	2398	1301	47	47	47	47	Y
Bergen	New Jersey	2398	1401	50	50	50	50	Y
Bergen	New Jersey	2398	2101	19	19	19	19	Y
Bergen	New Jersey	2398	2201	17	17	17	17	Y
Burlington Generating Station	New Jersey	2399	12001	1	1	1	1	Y
Burlington Generating Station	New Jersey	2399	121	11	11	11	11	Y
Burlington Generating Station	New Jersey	2399	122	10	10	10	10	Y
Burlington Generating Station	New Jersey	2399	123	11	11	11	11	Y
Burlington Generating Station	New Jersey	2399	124	11	11	11	11	Y
Burlington Generating Station	New Jersey	2399	14001	1	1	1	1	Y
Burlington Generating Station	New Jersey	2399	16001	0	0	0	0	Y
Burlington Generating Station	New Jersey	2399	18001	1	1	1	1	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Sheldon	Nebraska	2277	2		Y			
Terry Bundy Generating Station	Nebraska	7887	SVGS2		Y			
Terry Bundy Generating Station	Nebraska	7887	SVGS3		Y			
Terry Bundy Generating Station	Nebraska	7887	SVGS4		Y			
AES Red Oak	New Jersey	55239	1	Y		Y		
AES Red Oak	New Jersey	55239	2	Y		Y		
AES Red Oak	New Jersey	55239	3	Y		Y		
B L England	New Jersey	2378	1	Y		Y		
B L England	New Jersey	2378	2	Y		Y		
B L England	New Jersey	2378	3	Y		Y		
Bayonne Plant Holding, LLC	New Jersey	50497	001001	Y		Y		
Bayonne Plant Holding, LLC	New Jersey	50497	002001	Y		Y		
Bayonne Plant Holding, LLC	New Jersey	50497	004001	Y		Y		
Bergen	New Jersey	2398	1101	Y		Y		
Bergen	New Jersey	2398	1201	Y		Y		
Bergen	New Jersey	2398	1301	Y		Y		
Bergen	New Jersey	2398	1401	Y		Y		
Bergen	New Jersey	2398	2101	Y		Y		
Bergen	New Jersey	2398	2201	Y		Y		
Burlington Generating Station	New Jersey	2399	12001	Y		Y		
Burlington Generating Station	New Jersey	2399	121	Y		Y		
Burlington Generating Station	New Jersey	2399	122	Y		Y		
Burlington Generating Station	New Jersey	2399	123	Y		Y		
Burlington Generating Station	New Jersey	2399	124	Y		Y		
Burlington Generating Station	New Jersey	2399	14001	Y		Y		
Burlington Generating Station	New Jersey	2399	16001	Y		Y		
Burlington Generating Station	New Jersey	2399	18001	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Burlington Generating Station	New Jersey	2399	28001	1505	6,452	13,865	5,648	4,899	17,171
Burlington Generating Station	New Jersey	2399	30001	1506	21,691	14,146	11,634	4,999	16,843
Burlington Generating Station	New Jersey	2399	32001	1507	14,038	12,863	11,002	4,048	11,014
Burlington Generating Station	New Jersey	2399	34001	1508	17,425	12,352	8,969	3,272	23,203
Camden Plant Holding, LLC	New Jersey	10751	002001	3583	932,213	1,957,117	1,037,412	2,031,364	3,541,144
Carlls Corner Energy Center	New Jersey	2379	002001	1429	275,450	217,964	192,901	31,352	83,530
Carlls Corner Energy Center	New Jersey	2379	003001	1430	249,143	132,725	99,609	11,154	62,230
Carneys Point	New Jersey	10566	1001	3554	11,269,471	11,701,538	12,179,364	6,670,276	8,053,114
Carneys Point	New Jersey	10566	1002	3555	11,281,149	12,511,571	12,181,495	7,786,366	7,243,330
Cedar Energy Station	New Jersey	2380	002001	1431	10,074	5,943	12,120	23,336	23,711
Cedar Energy Station	New Jersey	2380	003001	1432	10,074	5,943	10,565	23,336	23,711
Cedar Energy Station	New Jersey	2380	004001	1433	8,192	7,572	17,741	39,848	20,212
Cumberland Energy Center	New Jersey	5083	004001	2668	217,691	590,602	412,880	13,121	255,709
Cumberland Energy Center	New Jersey	5083	05001	90246				100,730	423,052
Deepwater	New Jersey	2384	1	1444	114,481	87,581	43,649	34,467	135,794
Deepwater	New Jersey	2384	8	1449	3,504,478	5,084,969	3,018,040	717,863	1,741,440
EFS Parlin Holdings, LLC	New Jersey	50799	001001	3696			311,745	77,587	340,026
EFS Parlin Holdings, LLC	New Jersey	50799	003001	3697			312,412	78,530	346,899
Edison	New Jersey	2400	1001	1511	220,862	211,000	237,431	78,526	153,399
Edison	New Jersey	2400	11001	1512	30,313	98,279	159,980	60,646	168,346
Edison	New Jersey	2400	13001	1513	22,133	43,700	107,126	48,770	132,533
Edison	New Jersey	2400	15001	1514	32,855	65,944	81,108	42,796	111,224
Edison	New Jersey	2400	17001	1515	63,455	85,752	187,744	40,114	127,837
Edison	New Jersey	2400	19001	1516	92,375	146,636	157,380	52,997	132,786
Edison	New Jersey	2400	21001	1517	61,636	97,970	120,608	64,525	132,074
Edison	New Jersey	2400	23001	1518	62,473	131,116	122,148	35,816	123,353
Edison	New Jersey	2400	3001	1519	111,208	167,281	200,260	89,281	160,213

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Burlington Generating Station	New Jersey	2399	28001	12,496	304,983,018	0.000041	7,517	5,463
Burlington Generating Station	New Jersey	2399	30001	17,560	304,983,018	0.000058	7,517	5,463
Burlington Generating Station	New Jersey	2399	32001	12,638	304,983,018	0.000041	7,517	5,463
Burlington Generating Station	New Jersey	2399	34001	17,660	304,983,018	0.000058	7,517	5,463
Camden Plant Holding, LLC	New Jersey	10751	002001	2,509,875	304,983,018	0.008230	7,517	5,463
Carlls Corner Energy Center	New Jersey	2379	002001	228,772	304,983,018	0.000750	7,517	5,463
Carlls Corner Energy Center	New Jersey	2379	003001	160,492	304,983,018	0.000526	7,517	5,463
Carneys Point	New Jersey	10566	1001	11,716,791	304,983,018	0.038418	7,517	5,463
Carneys Point	New Jersey	10566	1002	11,991,405	304,983,018	0.039318	7,517	5,463
Cedar Energy Station	New Jersey	2380	002001	19,722	304,983,018	0.000065	7,517	5,463
Cedar Energy Station	New Jersey	2380	003001	19,204	304,983,018	0.000063	7,517	5,463
Cedar Energy Station	New Jersey	2380	004001	25,934	304,983,018	0.000085	7,517	5,463
Cumberland Energy Center	New Jersey	5083	004001	419,730	304,983,018	0.001376	7,517	5,463
Cumberland Energy Center	New Jersey	5083	05001	261,891	304,983,018	0.000859	7,517	5,463
Deepwater	New Jersey	2384	1	112,618	304,983,018	0.000369	7,517	5,463
Deepwater	New Jersey	2384	8	3,869,163	304,983,018	0.012686	7,517	5,463
EFS Parlin Holdings, LLC	New Jersey	50799	001001	243,119	304,983,018	0.000797	7,517	5,463
EFS Parlin Holdings, LLC	New Jersey	50799	003001	245,947	304,983,018	0.000806	7,517	5,463
Edison	New Jersey	2400	1001	223,098	304,983,018	0.000732	7,517	5,463
Edison	New Jersey	2400	11001	142,202	304,983,018	0.000466	7,517	5,463
Edison	New Jersey	2400	13001	96,143	304,983,018	0.000315	7,517	5,463
Edison	New Jersey	2400	15001	86,092	304,983,018	0.000282	7,517	5,463
Edison	New Jersey	2400	17001	133,778	304,983,018	0.000439	7,517	5,463
Edison	New Jersey	2400	19001	145,601	304,983,018	0.000477	7,517	5,463
Edison	New Jersey	2400	21001	116,884	304,983,018	0.000383	7,517	5,463
Edison	New Jersey	2400	23001	125,539	304,983,018	0.000412	7,517	5,463
Edison	New Jersey	2400	3001	175,918	304,983,018	0.000577	7,517	5,463

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Burlington Generating Station	New Jersey	2399	28001	8,054	7,786	0	0	0	0
Burlington Generating Station	New Jersey	2399	30001	8,054	7,786	0	0	0	0
Burlington Generating Station	New Jersey	2399	32001	8,054	7,786	0	0	0	0
Burlington Generating Station	New Jersey	2399	34001	8,054	7,786	0	0	0	0
Camden Plant Holding, LLC	New Jersey	10751	002001	8,054	7,786	62	45	66	64
Carlls Corner Energy Center	New Jersey	2379	002001	8,054	7,786	6	4	6	6
Carlls Corner Energy Center	New Jersey	2379	003001	8,054	7,786	4	3	4	4
Carneys Point	New Jersey	10566	1001	8,054	7,786	289	210	309	299
Carneys Point	New Jersey	10566	1002	8,054	7,786	296	215	317	306
Cedar Energy Station	New Jersey	2380	002001	8,054	7,786	0	0	1	1
Cedar Energy Station	New Jersey	2380	003001	8,054	7,786	0	0	1	0
Cedar Energy Station	New Jersey	2380	004001	8,054	7,786	1	0	1	1
Cumberland Energy Center	New Jersey	5083	004001	8,054	7,786	10	8	11	11
Cumberland Energy Center	New Jersey	5083	05001	8,054	7,786	6	5	7	7
Deepwater	New Jersey	2384	1	8,054	7,786	3	2	3	3
Deepwater	New Jersey	2384	8	8,054	7,786	95	69	102	99
EFS Parlin Holdings, LLC	New Jersey	50799	001001	8,054	7,786	6	4	6	6
EFS Parlin Holdings, LLC	New Jersey	50799	003001	8,054	7,786	6	4	6	6
Edison	New Jersey	2400	1001	8,054	7,786	5	4	6	6
Edison	New Jersey	2400	11001	8,054	7,786	4	3	4	4
Edison	New Jersey	2400	13001	8,054	7,786	2	2	3	2
Edison	New Jersey	2400	15001	8,054	7,786	2	2	2	2
Edison	New Jersey	2400	17001	8,054	7,786	3	2	4	3
Edison	New Jersey	2400	19001	8,054	7,786	4	3	4	4
Edison	New Jersey	2400	21001	8,054	7,786	3	2	3	3
Edison	New Jersey	2400	23001	8,054	7,786	3	2	3	3
Edison	New Jersey	2400	3001	8,054	7,786	4	3	5	4

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Burlington Generating Station	New Jersey	2399	28001						
Burlington Generating Station	New Jersey	2399	30001						
Burlington Generating Station	New Jersey	2399	32001						
Burlington Generating Station	New Jersey	2399	34001						
Camden Plant Holding, LLC	New Jersey	10751	002001	3	0	1	0	1	0
Carlls Corner Energy Center	New Jersey	2379	002001						
Carlls Corner Energy Center	New Jersey	2379	003001						
Carneys Point	New Jersey	10566	1001						
Carneys Point	New Jersey	10566	1002						
Cedar Energy Station	New Jersey	2380	002001						
Cedar Energy Station	New Jersey	2380	003001						
Cedar Energy Station	New Jersey	2380	004001						
Cumberland Energy Center	New Jersey	5083	004001						
Cumberland Energy Center	New Jersey	5083	05001						
Deepwater	New Jersey	2384	1	46	18	9	0	0	0
Deepwater	New Jersey	2384	8	3,194	2,781	2,950	1,503	2,554	1,610
EFS Parlin Holdings, LLC	New Jersey	50799	001001		0	0			0
EFS Parlin Holdings, LLC	New Jersey	50799	003001		0	0			0
Edison	New Jersey	2400	1001						
Edison	New Jersey	2400	11001						
Edison	New Jersey	2400	13001						
Edison	New Jersey	2400	15001						
Edison	New Jersey	2400	17001						
Edison	New Jersey	2400	19001						
Edison	New Jersey	2400	21001						
Edison	New Jersey	2400	23001						
Edison	New Jersey	2400	3001						

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Burlington Generating Station	New Jersey	2399	28001	0	2	2			
Burlington Generating Station	New Jersey	2399	30001	1	2	2			
Burlington Generating Station	New Jersey	2399	32001	0	1	1			
Burlington Generating Station	New Jersey	2399	34001	0	2	2			
Camden Plant Holding, LLC	New Jersey	10751	002001	1	1	3			
Carlls Corner Energy Center	New Jersey	2379	002001	0	0	0			
Carlls Corner Energy Center	New Jersey	2379	003001	0	0	0			
Carneys Point	New Jersey	10566	1001	523	774	774			
Carneys Point	New Jersey	10566	1002	615	708	708			
Cedar Energy Station	New Jersey	2380	002001	0	0	0			
Cedar Energy Station	New Jersey	2380	003001	0	0	0			
Cedar Energy Station	New Jersey	2380	004001	0	0	0			
Cumberland Energy Center	New Jersey	5083	004001	0	0	0			
Cumberland Energy Center	New Jersey	5083	05001	0	0	0			
Deepwater	New Jersey	2384	1	0	0	46			
Deepwater	New Jersey	2384	8	385	694	3,194			
EFS Parlin Holdings, LLC	New Jersey	50799	001001	0	0	0			
EFS Parlin Holdings, LLC	New Jersey	50799	003001	0	0	0			
Edison	New Jersey	2400	1001	0	0	0			
Edison	New Jersey	2400	11001	0	1	1			
Edison	New Jersey	2400	13001	0	0	0			
Edison	New Jersey	2400	15001	1	1	1			
Edison	New Jersey	2400	17001	0	1	1			
Edison	New Jersey	2400	19001	0	1	1			
Edison	New Jersey	2400	21001	0	1	1			
Edison	New Jersey	2400	23001	0	1	1			
Edison	New Jersey	2400	3001	0	1	1			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Burlington Generating Station	New Jersey	2399	28001				4	2	11
Burlington Generating Station	New Jersey	2399	30001				7	2	12
Burlington Generating Station	New Jersey	2399	32001				1	2	10
Burlington Generating Station	New Jersey	2399	34001				6	2	13
Camden Plant Holding, LLC	New Jersey	10751	002001				19	16	36
Carlls Corner Energy Center	New Jersey	2379	002001				15	17	49
Carlls Corner Energy Center	New Jersey	2379	003001				23	24	64
Carneys Point	New Jersey	10566	1001				652	775	860
Carneys Point	New Jersey	10566	1002				651	764	868
Cedar Energy Station	New Jersey	2380	002001				19	44	7
Cedar Energy Station	New Jersey	2380	003001				20	44	8
Cedar Energy Station	New Jersey	2380	004001				5	72	9
Cumberland Energy Center	New Jersey	5083	004001				12	9	19
Cumberland Energy Center	New Jersey	5083	05001						
Deepwater	New Jersey	2384	1				22	13	104
Deepwater	New Jersey	2384	8				1,129	948	1,030
EFS Parlin Holdings, LLC	New Jersey	50799	001001				6	9	7
EFS Parlin Holdings, LLC	New Jersey	50799	003001				7	9	7
Edison	New Jersey	2400	1001				3	29	20
Edison	New Jersey	2400	11001				1	8	4
Edison	New Jersey	2400	13001				1	8	5
Edison	New Jersey	2400	15001				2	8	4
Edison	New Jersey	2400	17001				2	20	9
Edison	New Jersey	2400	19001				3	14	9
Edison	New Jersey	2400	21001				3	13	10
Edison	New Jersey	2400	23001				4	12	11
Edison	New Jersey	2400	3001				4	25	17

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Burlington Generating Station	New Jersey	2399	28001	4	8	3	2	7	11
Burlington Generating Station	New Jersey	2399	30001	13	8	5	2	7	13
Burlington Generating Station	New Jersey	2399	32001	8	8	5	2	4	10
Burlington Generating Station	New Jersey	2399	34001	10	7	4	1	9	13
Camden Plant Holding, LLC	New Jersey	10751	002001	22	41	22	42	62	62
Carlls Corner Energy Center	New Jersey	2379	002001	64	24	23	17	32	64
Carlls Corner Energy Center	New Jersey	2379	003001	49	18	12	5	27	64
Carneys Point	New Jersey	10566	1001	758	797	833	427	522	860
Carneys Point	New Jersey	10566	1002	771	850	833	498	473	868
Cedar Energy Station	New Jersey	2380	002001	1	1	3	12	14	44
Cedar Energy Station	New Jersey	2380	003001	1	1	2	12	14	44
Cedar Energy Station	New Jersey	2380	004001	1	1	6	14	12	72
Cumberland Energy Center	New Jersey	5083	004001	15	23	24	1	25	25
Cumberland Energy Center	New Jersey	5083	05001				1	2	2
Deepwater	New Jersey	2384	1	18	13	6	4	43	104
Deepwater	New Jersey	2384	8	732	1,064	631	143	321	1,129
EFS Parlin Holdings, LLC	New Jersey	50799	001001			10	2	9	10
EFS Parlin Holdings, LLC	New Jersey	50799	003001			10	2	9	10
Edison	New Jersey	2400	1001	29	30	32	11	17	32
Edison	New Jersey	2400	11001	4	13	22	8	19	22
Edison	New Jersey	2400	13001	3	6	14	7	15	15
Edison	New Jersey	2400	15001	4	9	11	8	14	14
Edison	New Jersey	2400	17001	8	11	25	5	14	25
Edison	New Jersey	2400	19001	12	21	21	7	15	21
Edison	New Jersey	2400	21001	8	13	16	9	15	16
Edison	New Jersey	2400	23001	8	25	16	5	14	25
Edison	New Jersey	2400	3001	14	22	27	12	18	27

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Burlington Generating Station	New Jersey	2399	28001						
Burlington Generating Station	New Jersey	2399	30001						
Burlington Generating Station	New Jersey	2399	32001						
Burlington Generating Station	New Jersey	2399	34001						
Camden Plant Holding, LLC	New Jersey	10751	002001						
Carlls Corner Energy Center	New Jersey	2379	002001						
Carlls Corner Energy Center	New Jersey	2379	003001						
Carneys Point	New Jersey	10566	1001						
Carneys Point	New Jersey	10566	1002						
Cedar Energy Station	New Jersey	2380	002001						
Cedar Energy Station	New Jersey	2380	003001						
Cedar Energy Station	New Jersey	2380	004001						
Cumberland Energy Center	New Jersey	5083	004001						
Cumberland Energy Center	New Jersey	5083	05001						
Deepwater	New Jersey	2384	1						
Deepwater	New Jersey	2384	8						
EFS Parlin Holdings, LLC	New Jersey	50799	001001						
EFS Parlin Holdings, LLC	New Jersey	50799	003001						
Edison	New Jersey	2400	1001						
Edison	New Jersey	2400	11001						
Edison	New Jersey	2400	13001						
Edison	New Jersey	2400	15001						
Edison	New Jersey	2400	17001						
Edison	New Jersey	2400	19001						
Edison	New Jersey	2400	21001						
Edison	New Jersey	2400	23001						
Edison	New Jersey	2400	3001						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Burlington Generating Station	New Jersey	2399	28001	1	1		
Burlington Generating Station	New Jersey	2399	30001	1	1		
Burlington Generating Station	New Jersey	2399	32001	1	1		
Burlington Generating Station	New Jersey	2399	34001	1	1		
Camden Plant Holding, LLC	New Jersey	10751	002001	3	3		
Carlls Corner Energy Center	New Jersey	2379	002001	0	0		
Carlls Corner Energy Center	New Jersey	2379	003001	0	0		
Carneys Point	New Jersey	10566	1001	757	757		
Carneys Point	New Jersey	10566	1002	708	708		
Cedar Energy Station	New Jersey	2380	002001	0	0		
Cedar Energy Station	New Jersey	2380	003001	0	0		
Cedar Energy Station	New Jersey	2380	004001	0	0		
Cumberland Energy Center	New Jersey	5083	004001	0	0		
Cumberland Energy Center	New Jersey	5083	05001	0	0		
Deepwater	New Jersey	2384	1	7	7		
Deepwater	New Jersey	2384	8	250	250		
EFS Parlin Holdings, LLC	New Jersey	50799	001001	0	0		
EFS Parlin Holdings, LLC	New Jersey	50799	003001	0	0		
Edison	New Jersey	2400	1001	0	0		
Edison	New Jersey	2400	11001	1	1		
Edison	New Jersey	2400	13001	0	0		
Edison	New Jersey	2400	15001	1	1		
Edison	New Jersey	2400	17001	1	1		
Edison	New Jersey	2400	19001	1	1		
Edison	New Jersey	2400	21001	1	1		
Edison	New Jersey	2400	23001	1	1		
Edison	New Jersey	2400	3001	1	1		

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Burlington Generating Station	New Jersey	2399	28001			1	1
Burlington Generating Station	New Jersey	2399	30001			1	1
Burlington Generating Station	New Jersey	2399	32001			1	1
Burlington Generating Station	New Jersey	2399	34001			1	1
Camden Plant Holding, LLC	New Jersey	10751	002001			62	62
Carls Corner Energy Center	New Jersey	2379	002001			10	10
Carls Corner Energy Center	New Jersey	2379	003001			7	7
Carneys Point	New Jersey	10566	1001			522	522
Carneys Point	New Jersey	10566	1002			534	534
Cedar Energy Station	New Jersey	2380	002001			1	1
Cedar Energy Station	New Jersey	2380	003001			1	1
Cedar Energy Station	New Jersey	2380	004001			1	1
Cumberland Energy Center	New Jersey	5083	004001			19	19
Cumberland Energy Center	New Jersey	5083	05001			2	2
Deepwater	New Jersey	2384	1			5	5
Deepwater	New Jersey	2384	8			172	172
EFS Parlin Holdings, LLC	New Jersey	50799	001001			10	10
EFS Parlin Holdings, LLC	New Jersey	50799	003001			10	10
Edison	New Jersey	2400	1001			10	10
Edison	New Jersey	2400	11001			6	6
Edison	New Jersey	2400	13001			4	4
Edison	New Jersey	2400	15001			4	4
Edison	New Jersey	2400	17001			6	6
Edison	New Jersey	2400	19001			6	6
Edison	New Jersey	2400	21001			5	5
Edison	New Jersey	2400	23001			6	6
Edison	New Jersey	2400	3001			8	8

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Burlington Generating Station	New Jersey	2399	28001	1	1	1	1
Burlington Generating Station	New Jersey	2399	30001	1	1	1	1
Burlington Generating Station	New Jersey	2399	32001	1	1	1	1
Burlington Generating Station	New Jersey	2399	34001	1	1	1	1
Camden Plant Holding, LLC	New Jersey	10751	002001	62	62	62	62
Carls Corner Energy Center	New Jersey	2379	002001	10	10	10	10
Carls Corner Energy Center	New Jersey	2379	003001	7	7	7	7
Carneys Point	New Jersey	10566	1001	500	500	500	500
Carneys Point	New Jersey	10566	1002	511	511	511	511
Cedar Energy Station	New Jersey	2380	002001	1	1	1	1
Cedar Energy Station	New Jersey	2380	003001	1	1	1	1
Cedar Energy Station	New Jersey	2380	004001	1	1	1	1
Cumberland Energy Center	New Jersey	5083	004001	18	18	18	18
Cumberland Energy Center	New Jersey	5083	05001	2	2	2	2
Deepwater	New Jersey	2384	1	5	5	5	5
Deepwater	New Jersey	2384	8	165	165	165	165
EFS Parlin Holdings, LLC	New Jersey	50799	001001	10	10	10	10
EFS Parlin Holdings, LLC	New Jersey	50799	003001	10	10	10	10
Edison	New Jersey	2400	1001	10	10	10	10
Edison	New Jersey	2400	11001	6	6	6	6
Edison	New Jersey	2400	13001	4	4	4	4
Edison	New Jersey	2400	15001	4	4	4	4
Edison	New Jersey	2400	17001	6	6	6	6
Edison	New Jersey	2400	19001	6	6	6	6
Edison	New Jersey	2400	21001	5	5	5	5
Edison	New Jersey	2400	23001	5	5	5	5
Edison	New Jersey	2400	3001	8	8	8	8

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Burlington Generating Station	New Jersey	2399	28001	6,452	13,865	1,836	2,448	16,400	12,239
Burlington Generating Station	New Jersey	2399	30001	21,691	14,146	9,696	743	16,843	17,560
Burlington Generating Station	New Jersey	2399	32001	14,038	12,863	7,596	1,835	10,637	12,512
Burlington Generating Station	New Jersey	2399	34001	17,425	12,352	5,501	1,758	13,869	14,549
Camden Plant Holding, LLC	New Jersey	10751	002001	883,088	1,422,832	908,784	1,466,648	2,413,529	1,767,670
Carlls Corner Energy Center	New Jersey	2379	002001	275,450	217,964	172,317	28,932	75,386	221,910
Carlls Corner Energy Center	New Jersey	2379	003001	249,143	132,725	86,098	4,051	39,188	155,989
Carneys Point	New Jersey	10566	1001	4,991,666	5,381,535	4,986,769	2,372,051	3,548,723	5,119,990
Carneys Point	New Jersey	10566	1002	5,237,496	5,235,546	5,389,679	2,918,940	3,495,806	5,287,574
Cedar Energy Station	New Jersey	2380	002001	10,074	5,943	8,170	398	13,605	10,616
Cedar Energy Station	New Jersey	2380	003001	10,074	5,943	6,615	398	13,605	10,098
Cedar Energy Station	New Jersey	2380	004001	8,192	7,572	11,470	395	12,050	10,571
Cumberland Energy Center	New Jersey	5083	004001	181,492	339,508	384,861	13,003	236,386	320,252
Cumberland Energy Center	New Jersey	5083	05001				44,718	337,288	191,003
Deepwater	New Jersey	2384	1	99,857	73,377	31,315	22,870	135,794	103,009
Deepwater	New Jersey	2384	8	1,378,609	2,016,670	1,236,185	247,193	1,057,831	1,543,822
EFS Parlin Holdings, LLC	New Jersey	50799	001001			311,745	65,424	332,573	236,581
EFS Parlin Holdings, LLC	New Jersey	50799	003001			312,412	64,225	331,517	236,051
Edison	New Jersey	2400	1001	220,862	211,000	150,047	27,240	127,120	193,970
Edison	New Jersey	2400	11001	30,313	98,279	88,979	29,975	136,929	108,062
Edison	New Jersey	2400	13001	22,133	43,700	50,769	23,342	114,141	69,537
Edison	New Jersey	2400	15001	32,855	65,944	38,712	13,139	92,407	65,688
Edison	New Jersey	2400	17001	63,455	85,752	100,634	17,748	101,835	96,074
Edison	New Jersey	2400	19001	92,375	146,636	77,043	22,580	100,476	113,162
Edison	New Jersey	2400	21001	61,636	97,970	69,226	23,135	110,706	92,634
Edison	New Jersey	2400	23001	62,473	131,116	78,421	17,519	108,299	105,946
Edison	New Jersey	2400	3001	111,208	167,281	108,665	27,451	126,463	134,984

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Burlington Generating Station	New Jersey	2399	28001	151,433,823	0.000081	4,045	3,656	0	0
Burlington Generating Station	New Jersey	2399	30001	151,433,823	0.000116	4,045	3,656	0	0
Burlington Generating Station	New Jersey	2399	32001	151,433,823	0.000083	4,045	3,656	0	0
Burlington Generating Station	New Jersey	2399	34001	151,433,823	0.000096	4,045	3,656	0	0
Camden Plant Holding, LLC	New Jersey	10751	002001	151,433,823	0.011673	4,045	3,656	47	43
Carlls Corner Energy Center	New Jersey	2379	002001	151,433,823	0.001465	4,045	3,656	6	5
Carlls Corner Energy Center	New Jersey	2379	003001	151,433,823	0.001030	4,045	3,656	4	4
Carneys Point	New Jersey	10566	1001	151,433,823	0.033810	4,045	3,656	137	124
Carneys Point	New Jersey	10566	1002	151,433,823	0.034917	4,045	3,656	141	128
Cedar Energy Station	New Jersey	2380	002001	151,433,823	0.000070	4,045	3,656	0	0
Cedar Energy Station	New Jersey	2380	003001	151,433,823	0.000067	4,045	3,656	0	0
Cedar Energy Station	New Jersey	2380	004001	151,433,823	0.000070	4,045	3,656	0	0
Cumberland Energy Center	New Jersey	5083	004001	151,433,823	0.002115	4,045	3,656	9	8
Cumberland Energy Center	New Jersey	5083	05001	151,433,823	0.001261	4,045	3,656	5	5
Deepwater	New Jersey	2384	1	151,433,823	0.000680	4,045	3,656	3	2
Deepwater	New Jersey	2384	8	151,433,823	0.010195	4,045	3,656	41	37
EFS Parlin Holdings, LLC	New Jersey	50799	001001	151,433,823	0.001562	4,045	3,656	6	6
EFS Parlin Holdings, LLC	New Jersey	50799	003001	151,433,823	0.001559	4,045	3,656	6	6
Edison	New Jersey	2400	1001	151,433,823	0.001281	4,045	3,656	5	5
Edison	New Jersey	2400	11001	151,433,823	0.000714	4,045	3,656	3	3
Edison	New Jersey	2400	13001	151,433,823	0.000459	4,045	3,656	2	2
Edison	New Jersey	2400	15001	151,433,823	0.000434	4,045	3,656	2	2
Edison	New Jersey	2400	17001	151,433,823	0.000634	4,045	3,656	3	2
Edison	New Jersey	2400	19001	151,433,823	0.000747	4,045	3,656	3	3
Edison	New Jersey	2400	21001	151,433,823	0.000612	4,045	3,656	2	2
Edison	New Jersey	2400	23001	151,433,823	0.000700	4,045	3,656	3	3
Edison	New Jersey	2400	3001	151,433,823	0.000891	4,045	3,656	4	3

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Burlington Generating Station	New Jersey	2399	28001	4	2	11	4	8	1
Burlington Generating Station	New Jersey	2399	30001	7	2	12	13	8	4
Burlington Generating Station	New Jersey	2399	32001	1	2	10	8	8	3
Burlington Generating Station	New Jersey	2399	34001	6	2	13	10	7	2
Camden Plant Holding, LLC	New Jersey	10751	002001	14	11	31	20	29	18
Carlls Corner Energy Center	New Jersey	2379	002001	15	17	49	64	24	20
Carlls Corner Energy Center	New Jersey	2379	003001	23	24	64	49	18	10
Carneys Point	New Jersey	10566	1001	304	352	347	336	367	341
Carneys Point	New Jersey	10566	1002	270	341	338	358	356	368
Cedar Energy Station	New Jersey	2380	002001	19	44	7	1	1	2
Cedar Energy Station	New Jersey	2380	003001	20	44	8	1	1	1
Cedar Energy Station	New Jersey	2380	004001	5	72	9	1	1	4
Cumberland Energy Center	New Jersey	5083	004001	7	7	14	12	13	23
Cumberland Energy Center	New Jersey	5083	05001						
Deepwater	New Jersey	2384	1	22	4	104	16	11	4
Deepwater	New Jersey	2384	8	401	358	428	279	418	250
EFS Parlin Holdings, LLC	New Jersey	50799	001001	3	8	7			10
EFS Parlin Holdings, LLC	New Jersey	50799	003001	4	8	7			10
Edison	New Jersey	2400	1001	3	29	20	29	30	20
Edison	New Jersey	2400	11001	1	8	4	4	13	12
Edison	New Jersey	2400	13001	1	8	5	3	6	7
Edison	New Jersey	2400	15001	2	8	4	4	9	5
Edison	New Jersey	2400	17001	2	20	9	8	11	13
Edison	New Jersey	2400	19001	3	14	9	12	21	10
Edison	New Jersey	2400	21001	3	13	10	8	13	9
Edison	New Jersey	2400	23001	4	12	11	8	25	10
Edison	New Jersey	2400	3001	4	25	17	14	22	14

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Burlington Generating Station	New Jersey	2399	28001	1	6	11			
Burlington Generating Station	New Jersey	2399	30001	0	7	13			
Burlington Generating Station	New Jersey	2399	32001	1	4	10			
Burlington Generating Station	New Jersey	2399	34001	1	5	13			
Camden Plant Holding, LLC	New Jersey	10751	002001	26	41	41			
Carlls Corner Energy Center	New Jersey	2379	002001	16	29	64			
Carlls Corner Energy Center	New Jersey	2379	003001	2	16	64			
Carneys Point	New Jersey	10566	1001	139	231	367			
Carneys Point	New Jersey	10566	1002	173	224	368			
Cedar Energy Station	New Jersey	2380	002001	0	8	44			
Cedar Energy Station	New Jersey	2380	003001	0	8	44			
Cedar Energy Station	New Jersey	2380	004001	0	7	72			
Cumberland Energy Center	New Jersey	5083	004001	1	19	23			
Cumberland Energy Center	New Jersey	5083	05001	0	2	2			
Deepwater	New Jersey	2384	1	3	43	104			
Deepwater	New Jersey	2384	8	44	178	428			
EFS Parlin Holdings, LLC	New Jersey	50799	001001	2	9	10			
EFS Parlin Holdings, LLC	New Jersey	50799	003001	2	8	10			
Edison	New Jersey	2400	1001	4	13	30			
Edison	New Jersey	2400	11001	4	14	14			
Edison	New Jersey	2400	13001	3	12	12			
Edison	New Jersey	2400	15001	2	10	10			
Edison	New Jersey	2400	17001	2	11	20			
Edison	New Jersey	2400	19001	3	11	21			
Edison	New Jersey	2400	21001	3	12	13			
Edison	New Jersey	2400	23001	2	11	25			
Edison	New Jersey	2400	3001	4	13	25			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Burlington Generating Station	New Jersey	2399	28001				1	1
Burlington Generating Station	New Jersey	2399	30001				1	1
Burlington Generating Station	New Jersey	2399	32001				1	1
Burlington Generating Station	New Jersey	2399	34001				1	1
Camden Plant Holding, LLC	New Jersey	10751	002001				41	41
Carlls Corner Energy Center	New Jersey	2379	002001				10	10
Carlls Corner Energy Center	New Jersey	2379	003001				7	7
Carneys Point	New Jersey	10566	1001				239	239
Carneys Point	New Jersey	10566	1002				247	247
Cedar Energy Station	New Jersey	2380	002001				0	0
Cedar Energy Station	New Jersey	2380	003001				0	0
Cedar Energy Station	New Jersey	2380	004001				0	0
Cumberland Energy Center	New Jersey	5083	004001				15	15
Cumberland Energy Center	New Jersey	5083	05001				2	2
Deepwater	New Jersey	2384	1				5	5
Deepwater	New Jersey	2384	8				72	72
EFS Parlin Holdings, LLC	New Jersey	50799	001001				10	10
EFS Parlin Holdings, LLC	New Jersey	50799	003001				10	10
Edison	New Jersey	2400	1001				9	9
Edison	New Jersey	2400	11001				5	5
Edison	New Jersey	2400	13001				3	3
Edison	New Jersey	2400	15001				3	3
Edison	New Jersey	2400	17001				4	4
Edison	New Jersey	2400	19001				5	5
Edison	New Jersey	2400	21001				4	4
Edison	New Jersey	2400	23001				5	5
Edison	New Jersey	2400	3001				6	6

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Burlington Generating Station	New Jersey	2399	28001	1	1	1	1	Y
Burlington Generating Station	New Jersey	2399	30001	1	1	1	1	Y
Burlington Generating Station	New Jersey	2399	32001	1	1	1	1	Y
Burlington Generating Station	New Jersey	2399	34001	1	1	1	1	Y
Camden Plant Holding, LLC	New Jersey	10751	002001	41	41	41	41	Y
Carlls Corner Energy Center	New Jersey	2379	002001	9	9	9	9	Y
Carlls Corner Energy Center	New Jersey	2379	003001	6	6	6	6	Y
Carneys Point	New Jersey	10566	1001	209	209	209	209	Y
Carneys Point	New Jersey	10566	1002	216	216	216	216	Y
Cedar Energy Station	New Jersey	2380	002001	0	0	0	0	Y
Cedar Energy Station	New Jersey	2380	003001	0	0	0	0	Y
Cedar Energy Station	New Jersey	2380	004001	0	0	0	0	Y
Cumberland Energy Center	New Jersey	5083	004001	13	13	13	13	Y
Cumberland Energy Center	New Jersey	5083	05001	2	2	2	2	Y
Deepwater	New Jersey	2384	1	4	4	4	4	Y
Deepwater	New Jersey	2384	8	63	63	63	63	Y
EFS Parlin Holdings, LLC	New Jersey	50799	001001	10	10	10	10	Y
EFS Parlin Holdings, LLC	New Jersey	50799	003001	10	10	10	10	Y
Edison	New Jersey	2400	1001	8	8	8	8	Y
Edison	New Jersey	2400	11001	4	4	4	4	Y
Edison	New Jersey	2400	13001	3	3	3	3	Y
Edison	New Jersey	2400	15001	3	3	3	3	Y
Edison	New Jersey	2400	17001	4	4	4	4	Y
Edison	New Jersey	2400	19001	5	5	5	5	Y
Edison	New Jersey	2400	21001	4	4	4	4	Y
Edison	New Jersey	2400	23001	4	4	4	4	Y
Edison	New Jersey	2400	3001	6	6	6	6	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Burlington Generating Station	New Jersey	2399	28001	Y		Y		
Burlington Generating Station	New Jersey	2399	30001	Y		Y		
Burlington Generating Station	New Jersey	2399	32001	Y		Y		
Burlington Generating Station	New Jersey	2399	34001	Y		Y		
Camden Plant Holding, LLC	New Jersey	10751	002001	Y		Y		
Carlls Corner Energy Center	New Jersey	2379	002001	Y		Y		
Carlls Corner Energy Center	New Jersey	2379	003001	Y		Y		
Carneys Point	New Jersey	10566	1001	Y		Y		
Carneys Point	New Jersey	10566	1002	Y		Y		
Cedar Energy Station	New Jersey	2380	002001	Y		Y		
Cedar Energy Station	New Jersey	2380	003001	Y		Y		
Cedar Energy Station	New Jersey	2380	004001	Y		Y		
Cumberland Energy Center	New Jersey	5083	004001	Y		Y		
Cumberland Energy Center	New Jersey	5083	05001	Y		Y		
Deepwater	New Jersey	2384	1	Y		Y		
Deepwater	New Jersey	2384	8	Y		Y		
EFS Parlin Holdings, LLC	New Jersey	50799	001001	Y		Y		
EFS Parlin Holdings, LLC	New Jersey	50799	003001	Y		Y		
Edison	New Jersey	2400	1001	Y		Y		
Edison	New Jersey	2400	11001	Y		Y		
Edison	New Jersey	2400	13001	Y		Y		
Edison	New Jersey	2400	15001	Y		Y		
Edison	New Jersey	2400	17001	Y		Y		
Edison	New Jersey	2400	19001	Y		Y		
Edison	New Jersey	2400	21001	Y		Y		
Edison	New Jersey	2400	23001	Y		Y		
Edison	New Jersey	2400	3001	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Edison	New Jersey	2400	5001	1520	134,445	193,647	158,084	42,960	97,122
Edison	New Jersey	2400	7001	1521	139,413	181,311	143,034	62,479	85,150
Edison	New Jersey	2400	9001	1522	47,688	69,928	155,619	45,939	157,413
Elmwood Park Power - LLC	New Jersey	50852	002001	3698		97,288	192,081	51,715	256,271
Essex	New Jersey	2401	10001	1523	139,151	234,299	331,708	126,144	219,824
Essex	New Jersey	2401	12001	1524	167,924	209,693	340,073	108,988	228,350
Essex	New Jersey	2401	14001	1525	156,067	147,954	237,541	107,265	216,765
Essex	New Jersey	2401	16001	1526	150,459	115,665	211,526	109,658	213,165
Essex	New Jersey	2401	18001	1527	154,823	127,127	195,985	94,622	191,513
Essex	New Jersey	2401	20001	1528	128,856		198,335	91,940	216,014
Essex	New Jersey	2401	2001	1529	157,630	219,255	301,583	111,315	255,964
Essex	New Jersey	2401	22001	1530	174,317	199,511	191,766	87,098	194,824
Essex	New Jersey	2401	24001	1531	159,597	194,129	206,695	91,962	202,288
Essex	New Jersey	2401	26001	1532	74,268	185,879	251,259	90,783	190,074
Essex	New Jersey	2401	28001	1533	168,032	195,831	279,312	93,984	181,914
Essex	New Jersey	2401	35001	1534	498,404	737,462	533,845	172,951	315,279
Essex	New Jersey	2401	4001	1535	165,886	231,517	312,578	113,138	236,500
Forked River	New Jersey	7138	002001	2945	103,835	56,015	100,027	16,819	95,123
Forked River	New Jersey	7138	003001	2946	100,328	47,183	62,843	6,280	83,408
Gilbert Generating Station	New Jersey	2393	04	1477	176,622	115,243	101,530	29,485	42,438
Gilbert Generating Station	New Jersey	2393	05	1478	151,700	95,832	89,600	23,088	41,692
Gilbert Generating Station	New Jersey	2393	06	1479	158,014	83,016	87,059	19,795	42,786
Gilbert Generating Station	New Jersey	2393	07	1480	160,712	92,910	81,810	20,100	25,794
Gilbert Generating Station	New Jersey	2393	9	1481	134,771	128,654	81,385	93,524	48,827
Hudson Generating Station	New Jersey	2403	1	1536	539,374	507,514	344,013	196,452	1,432,361
Hudson Generating Station	New Jersey	2403	2	1537	32,763,474	25,245,069	25,256,106	17,841,250	22,432,485
Kearny Generating Station	New Jersey	2404	121	1540	438,178	542,882	306,747	178,239	362,362

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Edison	New Jersey	2400	5001	162,059	304,983,018	0.000531	7,517	5,463
Edison	New Jersey	2400	7001	154,586	304,983,018	0.000507	7,517	5,463
Edison	New Jersey	2400	9001	127,653	304,983,018	0.000419	7,517	5,463
Elmwood Park Power - LLC	New Jersey	50852	002001	181,880	304,983,018	0.000596	7,517	5,463
Essex	New Jersey	2401	10001	261,944	304,983,018	0.000859	7,517	5,463
Essex	New Jersey	2401	12001	259,372	304,983,018	0.000850	7,517	5,463
Essex	New Jersey	2401	14001	203,458	304,983,018	0.000667	7,517	5,463
Essex	New Jersey	2401	16001	191,717	304,983,018	0.000629	7,517	5,463
Essex	New Jersey	2401	18001	180,774	304,983,018	0.000593	7,517	5,463
Essex	New Jersey	2401	20001	181,068	304,983,018	0.000594	7,517	5,463
Essex	New Jersey	2401	2001	258,934	304,983,018	0.000849	7,517	5,463
Essex	New Jersey	2401	22001	195,367	304,983,018	0.000641	7,517	5,463
Essex	New Jersey	2401	24001	201,037	304,983,018	0.000659	7,517	5,463
Essex	New Jersey	2401	26001	209,070	304,983,018	0.000686	7,517	5,463
Essex	New Jersey	2401	28001	219,019	304,983,018	0.000718	7,517	5,463
Essex	New Jersey	2401	35001	589,904	304,983,018	0.001934	7,517	5,463
Essex	New Jersey	2401	4001	260,198	304,983,018	0.000853	7,517	5,463
Forked River	New Jersey	7138	002001	99,662	304,983,018	0.000327	7,517	5,463
Forked River	New Jersey	7138	003001	82,193	304,983,018	0.000269	7,517	5,463
Gilbert Generating Station	New Jersey	2393	04	131,132	304,983,018	0.000430	7,517	5,463
Gilbert Generating Station	New Jersey	2393	05	112,377	304,983,018	0.000368	7,517	5,463
Gilbert Generating Station	New Jersey	2393	06	109,363	304,983,018	0.000359	7,517	5,463
Gilbert Generating Station	New Jersey	2393	07	111,811	304,983,018	0.000367	7,517	5,463
Gilbert Generating Station	New Jersey	2393	9	118,983	304,983,018	0.000390	7,517	5,463
Hudson Generating Station	New Jersey	2403	1	826,417	304,983,018	0.002710	7,517	5,463
Hudson Generating Station	New Jersey	2403	2	27,754,883	304,983,018	0.091005	7,517	5,463
Kearny Generating Station	New Jersey	2404	121	447,808	304,983,018	0.001468	7,517	5,463

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Edison	New Jersey	2400	5001	8,054	7,786	4	3	4	4
Edison	New Jersey	2400	7001	8,054	7,786	4	3	4	4
Edison	New Jersey	2400	9001	8,054	7,786	3	2	3	3
Elmwood Park Power - LLC	New Jersey	50852	002001	8,054	7,786	4	3	5	5
Essex	New Jersey	2401	10001	8,054	7,786	6	5	7	7
Essex	New Jersey	2401	12001	8,054	7,786	6	5	7	7
Essex	New Jersey	2401	14001	8,054	7,786	5	4	5	5
Essex	New Jersey	2401	16001	8,054	7,786	5	3	5	5
Essex	New Jersey	2401	18001	8,054	7,786	4	3	5	5
Essex	New Jersey	2401	20001	8,054	7,786	4	3	5	5
Essex	New Jersey	2401	2001	8,054	7,786	6	5	7	7
Essex	New Jersey	2401	22001	8,054	7,786	5	3	5	5
Essex	New Jersey	2401	24001	8,054	7,786	5	4	5	5
Essex	New Jersey	2401	26001	8,054	7,786	5	4	6	5
Essex	New Jersey	2401	28001	8,054	7,786	5	4	6	6
Essex	New Jersey	2401	35001	8,054	7,786	15	11	16	15
Essex	New Jersey	2401	4001	8,054	7,786	6	5	7	7
Forked River	New Jersey	7138	002001	8,054	7,786	2	2	3	3
Forked River	New Jersey	7138	003001	8,054	7,786	2	1	2	2
Gilbert Generating Station	New Jersey	2393	04	8,054	7,786	3	2	3	3
Gilbert Generating Station	New Jersey	2393	05	8,054	7,786	3	2	3	3
Gilbert Generating Station	New Jersey	2393	06	8,054	7,786	3	2	3	3
Gilbert Generating Station	New Jersey	2393	07	8,054	7,786	3	2	3	3
Gilbert Generating Station	New Jersey	2393	9	8,054	7,786	3	2	3	3
Hudson Generating Station	New Jersey	2403	1	8,054	7,786	20	15	22	21
Hudson Generating Station	New Jersey	2403	2	8,054	7,786	684	497	733	709
Kearny Generating Station	New Jersey	2404	121	8,054	7,786	11	8	12	11

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Edison	New Jersey	2400	5001						
Edison	New Jersey	2400	7001						
Edison	New Jersey	2400	9001						
Elmwood Park Power - LLC	New Jersey	50852	002001						
Essex	New Jersey	2401	10001						
Essex	New Jersey	2401	12001						
Essex	New Jersey	2401	14001						
Essex	New Jersey	2401	16001						
Essex	New Jersey	2401	18001						
Essex	New Jersey	2401	20001						
Essex	New Jersey	2401	2001						
Essex	New Jersey	2401	22001						
Essex	New Jersey	2401	24001						
Essex	New Jersey	2401	26001						
Essex	New Jersey	2401	28001						
Essex	New Jersey	2401	35001						
Essex	New Jersey	2401	4001						
Forked River	New Jersey	7138	002001						
Forked River	New Jersey	7138	003001						
Gilbert Generating Station	New Jersey	2393	04	9	2	1	0	0	0
Gilbert Generating Station	New Jersey	2393	05	9	2	1	0	0	0
Gilbert Generating Station	New Jersey	2393	06	9	2	1	0	0	0
Gilbert Generating Station	New Jersey	2393	07	9	2	1	0	0	0
Gilbert Generating Station	New Jersey	2393	9	2	2	4	1	1	1
Hudson Generating Station	New Jersey	2403	1	307	45	6	2	2	1
Hudson Generating Station	New Jersey	2403	2	16,889	21,467	23,960	19,707	4,439	2,189
Kearny Generating Station	New Jersey	2404	121	0	0	0	0	0	0

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Edison	New Jersey	2400	5001	0	0	0			
Edison	New Jersey	2400	7001	0	0	0			
Edison	New Jersey	2400	9001	0	1	1			
Elmwood Park Power - LLC	New Jersey	50852	002001	0	0	0			
Essex	New Jersey	2401	10001	1	1	1			
Essex	New Jersey	2401	12001	1	2	2			
Essex	New Jersey	2401	14001	0	1	1			
Essex	New Jersey	2401	16001	0	1	1			
Essex	New Jersey	2401	18001	0	1	1			
Essex	New Jersey	2401	20001	0	1	1			
Essex	New Jersey	2401	2001	1	1	1			
Essex	New Jersey	2401	22001	0	1	1			
Essex	New Jersey	2401	24001	0	1	1			
Essex	New Jersey	2401	26001	0	1	1			
Essex	New Jersey	2401	28001	1	1	1			
Essex	New Jersey	2401	35001	0	0	0			
Essex	New Jersey	2401	4001	1	2	2			
Forked River	New Jersey	7138	002001	0	1	1			
Forked River	New Jersey	7138	003001	0	1	1			
Gilbert Generating Station	New Jersey	2393	04	0	0	9			
Gilbert Generating Station	New Jersey	2393	05	0	0	9			
Gilbert Generating Station	New Jersey	2393	06	0	0	9			
Gilbert Generating Station	New Jersey	2393	07	0	0	9			
Gilbert Generating Station	New Jersey	2393	9	1	0	4			
Hudson Generating Station	New Jersey	2403	1	1	0	307			
Hudson Generating Station	New Jersey	2403	2	1,455	1,727	23,960			
Kearny Generating Station	New Jersey	2404	121	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Edison	New Jersey	2400	5001				8	29	14
Edison	New Jersey	2400	7001				8	28	12
Edison	New Jersey	2400	9001				1	8	4
Elmwood Park Power - LLC	New Jersey	50852	002001				206	154	80
Essex	New Jersey	2401	10001				7	13	26
Essex	New Jersey	2401	12001				8	13	22
Essex	New Jersey	2401	14001				15	18	48
Essex	New Jersey	2401	16001				6	24	43
Essex	New Jersey	2401	18001				14	23	46
Essex	New Jersey	2401	20001				14	33	48
Essex	New Jersey	2401	2001				6	11	26
Essex	New Jersey	2401	22001				15	25	49
Essex	New Jersey	2401	24001				8	21	27
Essex	New Jersey	2401	26001				14	21	45
Essex	New Jersey	2401	28001				13	24	45
Essex	New Jersey	2401	35001				13	40	24
Essex	New Jersey	2401	4001				8	12	24
Forked River	New Jersey	7138	002001				10	13	16
Forked River	New Jersey	7138	003001				9	12	6
Gilbert Generating Station	New Jersey	2393	04				53	14	31
Gilbert Generating Station	New Jersey	2393	05				53	17	29
Gilbert Generating Station	New Jersey	2393	06				50	18	29
Gilbert Generating Station	New Jersey	2393	07				50	17	28
Gilbert Generating Station	New Jersey	2393	9				9	8	17
Hudson Generating Station	New Jersey	2403	1				463	178	196
Hudson Generating Station	New Jersey	2403	2				6,746	8,061	8,582
Kearny Generating Station	New Jersey	2404	121				24	22	17

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Edison	New Jersey	2400	5001	17	27	21	6	10	29
Edison	New Jersey	2400	7001	18	24	19	8	9	28
Edison	New Jersey	2400	9001	6	9	21	6	18	21
Elmwood Park Power - LLC	New Jersey	50852	002001		3	6	1	7	206
Essex	New Jersey	2401	10001	29	49	69	44	52	69
Essex	New Jersey	2401	12001	35	44	69	37	56	69
Essex	New Jersey	2401	14001	35	32	52	24	49	52
Essex	New Jersey	2401	16001	33	25	47	24	48	48
Essex	New Jersey	2401	18001	34	27	43	21	43	46
Essex	New Jersey	2401	20001	29		44	20	50	50
Essex	New Jersey	2401	2001	33	47	59	38	61	61
Essex	New Jersey	2401	22001	39	43	42	20	44	49
Essex	New Jersey	2401	24001	36	42	45	20	46	46
Essex	New Jersey	2401	26001	17	40	55	20	43	55
Essex	New Jersey	2401	28001	39	42	63	21	41	63
Essex	New Jersey	2401	35001	18	30	22	7	12	40
Essex	New Jersey	2401	4001	34	48	64	38	57	64
Forked River	New Jersey	7138	002001	7	4	7	1	7	16
Forked River	New Jersey	7138	003001	2	1	1	0	6	12
Gilbert Generating Station	New Jersey	2393	04	12	8	7	2	3	53
Gilbert Generating Station	New Jersey	2393	05	10	6	6	1	3	53
Gilbert Generating Station	New Jersey	2393	06	11	6	6	1	3	50
Gilbert Generating Station	New Jersey	2393	07	10	7	5	1	2	50
Gilbert Generating Station	New Jersey	2393	9	8	7	4	5	3	17
Hudson Generating Station	New Jersey	2403	1	59	52	34	16	135	463
Hudson Generating Station	New Jersey	2403	2	7,401	3,322	2,995	1,873	2,071	8,582
Kearny Generating Station	New Jersey	2404	121	20	25	14	8	17	25

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Edison	New Jersey	2400	5001						
Edison	New Jersey	2400	7001						
Edison	New Jersey	2400	9001						
Elmwood Park Power - LLC	New Jersey	50852	002001						
Essex	New Jersey	2401	10001						
Essex	New Jersey	2401	12001						
Essex	New Jersey	2401	14001						
Essex	New Jersey	2401	16001						
Essex	New Jersey	2401	18001						
Essex	New Jersey	2401	20001						
Essex	New Jersey	2401	2001						
Essex	New Jersey	2401	22001						
Essex	New Jersey	2401	24001						
Essex	New Jersey	2401	26001						
Essex	New Jersey	2401	28001						
Essex	New Jersey	2401	35001						
Essex	New Jersey	2401	4001						
Forked River	New Jersey	7138	002001						
Forked River	New Jersey	7138	003001						
Gilbert Generating Station	New Jersey	2393	04						
Gilbert Generating Station	New Jersey	2393	05						
Gilbert Generating Station	New Jersey	2393	06						
Gilbert Generating Station	New Jersey	2393	07						
Gilbert Generating Station	New Jersey	2393	9						
Hudson Generating Station	New Jersey	2403	1						
Hudson Generating Station	New Jersey	2403	2						
Kearny Generating Station	New Jersey	2404	121						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Edison	New Jersey	2400	5001	0	0		
Edison	New Jersey	2400	7001	0	0		
Edison	New Jersey	2400	9001	1	1		
Elmwood Park Power - LLC	New Jersey	50852	002001	0	0		
Essex	New Jersey	2401	10001	1	1		
Essex	New Jersey	2401	12001	2	2		
Essex	New Jersey	2401	14001	1	1		
Essex	New Jersey	2401	16001	1	1		
Essex	New Jersey	2401	18001	1	1		
Essex	New Jersey	2401	20001	1	1		
Essex	New Jersey	2401	2001	1	1		
Essex	New Jersey	2401	22001	1	1		
Essex	New Jersey	2401	24001	1	1		
Essex	New Jersey	2401	26001	1	1		
Essex	New Jersey	2401	28001	1	1		
Essex	New Jersey	2401	35001	0	0		
Essex	New Jersey	2401	4001	2	2		
Forked River	New Jersey	7138	002001	1	1		
Forked River	New Jersey	7138	003001	1	1		
Gilbert Generating Station	New Jersey	2393	04	8	8		
Gilbert Generating Station	New Jersey	2393	05	7	7		
Gilbert Generating Station	New Jersey	2393	06	7	7		
Gilbert Generating Station	New Jersey	2393	07	7	7		
Gilbert Generating Station	New Jersey	2393	9	4	4		
Hudson Generating Station	New Jersey	2403	1	53	53		
Hudson Generating Station	New Jersey	2403	2	1,792	1,792		
Kearny Generating Station	New Jersey	2404	121	0	0		

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Edison	New Jersey	2400	5001			7	7
Edison	New Jersey	2400	7001			7	7
Edison	New Jersey	2400	9001			6	6
Elmwood Park Power - LLC	New Jersey	50852	002001			8	8
Essex	New Jersey	2401	10001			12	12
Essex	New Jersey	2401	12001			12	12
Essex	New Jersey	2401	14001			9	9
Essex	New Jersey	2401	16001			9	9
Essex	New Jersey	2401	18001			8	8
Essex	New Jersey	2401	20001			8	8
Essex	New Jersey	2401	2001			12	12
Essex	New Jersey	2401	22001			9	9
Essex	New Jersey	2401	24001			9	9
Essex	New Jersey	2401	26001			9	9
Essex	New Jersey	2401	28001			10	10
Essex	New Jersey	2401	35001			26	26
Essex	New Jersey	2401	4001			12	12
Forked River	New Jersey	7138	002001			4	4
Forked River	New Jersey	7138	003001			4	4
Gilbert Generating Station	New Jersey	2393	04			6	6
Gilbert Generating Station	New Jersey	2393	05			5	5
Gilbert Generating Station	New Jersey	2393	06			5	5
Gilbert Generating Station	New Jersey	2393	07			5	5
Gilbert Generating Station	New Jersey	2393	9			5	5
Hudson Generating Station	New Jersey	2403	1			37	37
Hudson Generating Station	New Jersey	2403	2			1,237	1,237
Kearny Generating Station	New Jersey	2404	121			20	20

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Edison	New Jersey	2400	5001	7	7	7	7
Edison	New Jersey	2400	7001	7	7	7	7
Edison	New Jersey	2400	9001	5	5	5	5
Elmwood Park Power - LLC	New Jersey	50852	002001	8	8	8	8
Essex	New Jersey	2401	10001	11	11	11	11
Essex	New Jersey	2401	12001	11	11	11	11
Essex	New Jersey	2401	14001	9	9	9	9
Essex	New Jersey	2401	16001	8	8	8	8
Essex	New Jersey	2401	18001	8	8	8	8
Essex	New Jersey	2401	20001	8	8	8	8
Essex	New Jersey	2401	2001	11	11	11	11
Essex	New Jersey	2401	22001	8	8	8	8
Essex	New Jersey	2401	24001	9	9	9	9
Essex	New Jersey	2401	26001	9	9	9	9
Essex	New Jersey	2401	28001	9	9	9	9
Essex	New Jersey	2401	35001	25	25	25	25
Essex	New Jersey	2401	4001	11	11	11	11
Forked River	New Jersey	7138	002001	4	4	4	4
Forked River	New Jersey	7138	003001	4	4	4	4
Gilbert Generating Station	New Jersey	2393	04	6	6	6	6
Gilbert Generating Station	New Jersey	2393	05	5	5	5	5
Gilbert Generating Station	New Jersey	2393	06	5	5	5	5
Gilbert Generating Station	New Jersey	2393	07	5	5	5	5
Gilbert Generating Station	New Jersey	2393	9	5	5	5	5
Hudson Generating Station	New Jersey	2403	1	35	35	35	35
Hudson Generating Station	New Jersey	2403	2	1,184	1,184	1,184	1,184
Kearny Generating Station	New Jersey	2404	121	19	19	19	19

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Edison	New Jersey	2400	5001	134,445	193,647	85,749	17,282	86,210	138,101
Edison	New Jersey	2400	7001	139,413	181,311	74,523	12,313	79,018	133,247
Edison	New Jersey	2400	9001	47,688	69,928	87,570	19,084	126,973	94,824
Elmwood Park Power - LLC	New Jersey	50852	002001		83,709	184,003	47,877	244,139	170,617
Essex	New Jersey	2401	10001	139,151	234,299	155,698	52,440	153,409	181,135
Essex	New Jersey	2401	12001	167,924	209,693	163,322	39,864	153,191	180,313
Essex	New Jersey	2401	14001	156,067	147,954	139,113	43,428	149,387	151,136
Essex	New Jersey	2401	16001	150,459	115,665	126,760	45,411	148,564	141,928
Essex	New Jersey	2401	18001	154,823	127,127	112,995	41,552	132,210	138,053
Essex	New Jersey	2401	20001	128,856		134,083	45,505	133,928	132,289
Essex	New Jersey	2401	2001	157,630	219,255	150,386	45,930	171,961	182,949
Essex	New Jersey	2401	22001	174,317	199,511	146,042	27,440	117,621	173,290
Essex	New Jersey	2401	24001	159,597	194,129	95,838	27,607	118,434	157,387
Essex	New Jersey	2401	26001	74,268	185,879	135,720	28,186	111,272	144,290
Essex	New Jersey	2401	28001	168,032	195,831	148,674	29,149	107,781	170,846
Essex	New Jersey	2401	35001	295,743	354,831	241,550	90,192	225,843	297,375
Essex	New Jersey	2401	4001	165,886	231,517	147,281	43,428	158,986	185,463
Forked River	New Jersey	7138	002001	103,835	56,015	63,248	8,356	57,892	74,991
Forked River	New Jersey	7138	003001	100,328	47,183	48,721	5,148	49,207	66,085
Gilbert Generating Station	New Jersey	2393	04	132,965	65,910	86,246	13,949	36,963	95,040
Gilbert Generating Station	New Jersey	2393	05	115,181	63,186	76,189	10,458	35,899	84,852
Gilbert Generating Station	New Jersey	2393	06	122,507	47,871	78,111	8,425	36,857	82,830
Gilbert Generating Station	New Jersey	2393	07	122,579	58,713	73,680	9,418	19,734	84,991
Gilbert Generating Station	New Jersey	2393	9	105,291	70,701	50,370	9,672	40,001	75,454
Hudson Generating Station	New Jersey	2403	1	499,820	361,089	344,013	125,429	1,431,335	764,081
Hudson Generating Station	New Jersey	2403	2	12,160,654	11,072,218	10,159,708	7,132,672	10,135,806	11,130,860
Kearny Generating Station	New Jersey	2404	121	282,532	292,904	213,021	90,988	241,771	272,402

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Edison	New Jersey	2400	5001	151,433,823	0.000912	4,045	3,656	4	3
Edison	New Jersey	2400	7001	151,433,823	0.000880	4,045	3,656	4	3
Edison	New Jersey	2400	9001	151,433,823	0.000626	4,045	3,656	3	2
Elmwood Park Power - LLC	New Jersey	50852	002001	151,433,823	0.001127	4,045	3,656	5	4
Essex	New Jersey	2401	10001	151,433,823	0.001196	4,045	3,656	5	4
Essex	New Jersey	2401	12001	151,433,823	0.001191	4,045	3,656	5	4
Essex	New Jersey	2401	14001	151,433,823	0.000998	4,045	3,656	4	4
Essex	New Jersey	2401	16001	151,433,823	0.000937	4,045	3,656	4	3
Essex	New Jersey	2401	18001	151,433,823	0.000912	4,045	3,656	4	3
Essex	New Jersey	2401	20001	151,433,823	0.000874	4,045	3,656	4	3
Essex	New Jersey	2401	2001	151,433,823	0.001208	4,045	3,656	5	4
Essex	New Jersey	2401	22001	151,433,823	0.001144	4,045	3,656	5	4
Essex	New Jersey	2401	24001	151,433,823	0.001039	4,045	3,656	4	4
Essex	New Jersey	2401	26001	151,433,823	0.000953	4,045	3,656	4	3
Essex	New Jersey	2401	28001	151,433,823	0.001128	4,045	3,656	5	4
Essex	New Jersey	2401	35001	151,433,823	0.001964	4,045	3,656	8	7
Essex	New Jersey	2401	4001	151,433,823	0.001225	4,045	3,656	5	4
Forked River	New Jersey	7138	002001	151,433,823	0.000495	4,045	3,656	2	2
Forked River	New Jersey	7138	003001	151,433,823	0.000436	4,045	3,656	2	2
Gilbert Generating Station	New Jersey	2393	04	151,433,823	0.000628	4,045	3,656	3	2
Gilbert Generating Station	New Jersey	2393	05	151,433,823	0.000560	4,045	3,656	2	2
Gilbert Generating Station	New Jersey	2393	06	151,433,823	0.000547	4,045	3,656	2	2
Gilbert Generating Station	New Jersey	2393	07	151,433,823	0.000561	4,045	3,656	2	2
Gilbert Generating Station	New Jersey	2393	9	151,433,823	0.000498	4,045	3,656	2	2
Hudson Generating Station	New Jersey	2403	1	151,433,823	0.005046	4,045	3,656	20	18
Hudson Generating Station	New Jersey	2403	2	151,433,823	0.073503	4,045	3,656	297	269
Kearny Generating Station	New Jersey	2404	121	151,433,823	0.001799	4,045	3,656	7	7

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Edison	New Jersey	2400	5001	8	29	14	17	27	11
Edison	New Jersey	2400	7001	8	28	12	18	24	10
Edison	New Jersey	2400	9001	1	8	4	6	9	12
Elmwood Park Power - LLC	New Jersey	50852	002001	74	67	41		3	5
Essex	New Jersey	2401	10001	7	13	26	29	49	30
Essex	New Jersey	2401	12001	8	13	22	35	44	32
Essex	New Jersey	2401	14001	15	18	48	35	32	31
Essex	New Jersey	2401	16001	6	24	43	33	25	28
Essex	New Jersey	2401	18001	14	23	46	34	27	25
Essex	New Jersey	2401	20001	14	33	48	29		29
Essex	New Jersey	2401	2001	6	11	26	33	47	29
Essex	New Jersey	2401	22001	15	25	49	39	43	32
Essex	New Jersey	2401	24001	8	21	27	36	42	21
Essex	New Jersey	2401	26001	14	21	45	17	40	30
Essex	New Jersey	2401	28001	13	24	45	39	42	33
Essex	New Jersey	2401	35001	8	15	15	11	13	9
Essex	New Jersey	2401	4001	8	12	24	34	48	28
Forked River	New Jersey	7138	002001	10	13	16	7	4	4
Forked River	New Jersey	7138	003001	9	12	6	2	1	1
Gilbert Generating Station	New Jersey	2393	04	10	2	24	9	4	5
Gilbert Generating Station	New Jersey	2393	05	11	3	22	8	4	5
Gilbert Generating Station	New Jersey	2393	06	10	2	23	8	3	5
Gilbert Generating Station	New Jersey	2393	07	11	3	21	7	4	5
Gilbert Generating Station	New Jersey	2393	9	8	4	12	6	4	3
Hudson Generating Station	New Jersey	2403	1	89	161	189	54	35	34
Hudson Generating Station	New Jersey	2403	2	2,783	3,426	3,413	2,460	1,115	1,121
Kearny Generating Station	New Jersey	2404	121	14	8	8	12	13	10

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Edison	New Jersey	2400	5001	2	9	29			
Edison	New Jersey	2400	7001	2	8	28			
Edison	New Jersey	2400	9001	3	13	13			
Elmwood Park Power - LLC	New Jersey	50852	002001	1	7	74			
Essex	New Jersey	2401	10001	20	35	49			
Essex	New Jersey	2401	12001	14	35	44			
Essex	New Jersey	2401	14001	10	33	48			
Essex	New Jersey	2401	16001	10	33	43			
Essex	New Jersey	2401	18001	9	29	46			
Essex	New Jersey	2401	20001	10	29	48			
Essex	New Jersey	2401	2001	16	39	47			
Essex	New Jersey	2401	22001	6	26	49			
Essex	New Jersey	2401	24001	6	26	42			
Essex	New Jersey	2401	26001	6	24	45			
Essex	New Jersey	2401	28001	6	24	45			
Essex	New Jersey	2401	35001	3	8	15			
Essex	New Jersey	2401	4001	15	36	48			
Forked River	New Jersey	7138	002001	1	4	16			
Forked River	New Jersey	7138	003001	0	4	12			
Gilbert Generating Station	New Jersey	2393	04	1	2	24			
Gilbert Generating Station	New Jersey	2393	05	1	2	22			
Gilbert Generating Station	New Jersey	2393	06	1	2	23			
Gilbert Generating Station	New Jersey	2393	07	1	1	21			
Gilbert Generating Station	New Jersey	2393	9	0	2	12			
Hudson Generating Station	New Jersey	2403	1	10	135	189			
Hudson Generating Station	New Jersey	2403	2	735	989	3,426			
Kearny Generating Station	New Jersey	2404	121	4	10	14			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Edison	New Jersey	2400	5001				6	6
Edison	New Jersey	2400	7001				6	6
Edison	New Jersey	2400	9001				4	4
Elmwood Park Power - LLC	New Jersey	50852	002001				8	8
Essex	New Jersey	2401	10001				8	8
Essex	New Jersey	2401	12001				8	8
Essex	New Jersey	2401	14001				7	7
Essex	New Jersey	2401	16001				7	7
Essex	New Jersey	2401	18001				6	6
Essex	New Jersey	2401	20001				6	6
Essex	New Jersey	2401	2001				9	9
Essex	New Jersey	2401	22001				8	8
Essex	New Jersey	2401	24001				7	7
Essex	New Jersey	2401	26001				7	7
Essex	New Jersey	2401	28001				8	8
Essex	New Jersey	2401	35001				14	14
Essex	New Jersey	2401	4001				9	9
Forked River	New Jersey	7138	002001				4	4
Forked River	New Jersey	7138	003001				3	3
Gilbert Generating Station	New Jersey	2393	04				4	4
Gilbert Generating Station	New Jersey	2393	05				4	4
Gilbert Generating Station	New Jersey	2393	06				4	4
Gilbert Generating Station	New Jersey	2393	07				4	4
Gilbert Generating Station	New Jersey	2393	9				4	4
Hudson Generating Station	New Jersey	2403	1				36	36
Hudson Generating Station	New Jersey	2403	2				520	520
Kearny Generating Station	New Jersey	2404	121				13	13

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Edison	New Jersey	2400	5001	6	6	6	6	Y
Edison	New Jersey	2400	7001	5	5	5	5	Y
Edison	New Jersey	2400	9001	4	4	4	4	Y
Elmwood Park Power - LLC	New Jersey	50852	002001	7	7	7	7	Y
Essex	New Jersey	2401	10001	7	7	7	7	Y
Essex	New Jersey	2401	12001	7	7	7	7	Y
Essex	New Jersey	2401	14001	6	6	6	6	Y
Essex	New Jersey	2401	16001	6	6	6	6	Y
Essex	New Jersey	2401	18001	6	6	6	6	Y
Essex	New Jersey	2401	20001	5	5	5	5	Y
Essex	New Jersey	2401	2001	7	7	7	7	Y
Essex	New Jersey	2401	22001	7	7	7	7	Y
Essex	New Jersey	2401	24001	6	6	6	6	Y
Essex	New Jersey	2401	26001	6	6	6	6	Y
Essex	New Jersey	2401	28001	7	7	7	7	Y
Essex	New Jersey	2401	35001	12	12	12	12	Y
Essex	New Jersey	2401	4001	8	8	8	8	Y
Forked River	New Jersey	7138	002001	3	3	3	3	Y
Forked River	New Jersey	7138	003001	3	3	3	3	Y
Gilbert Generating Station	New Jersey	2393	04	4	4	4	4	Y
Gilbert Generating Station	New Jersey	2393	05	3	3	3	3	Y
Gilbert Generating Station	New Jersey	2393	06	3	3	3	3	Y
Gilbert Generating Station	New Jersey	2393	07	3	3	3	3	Y
Gilbert Generating Station	New Jersey	2393	9	3	3	3	3	Y
Hudson Generating Station	New Jersey	2403	1	31	31	31	31	Y
Hudson Generating Station	New Jersey	2403	2	455	455	455	455	Y
Kearny Generating Station	New Jersey	2404	121	11	11	11	11	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Edison	New Jersey	2400	5001	Y		Y		
Edison	New Jersey	2400	7001	Y		Y		
Edison	New Jersey	2400	9001	Y		Y		
Elmwood Park Power - LLC	New Jersey	50852	002001	Y		Y		
Essex	New Jersey	2401	10001	Y		Y		
Essex	New Jersey	2401	12001	Y		Y		
Essex	New Jersey	2401	14001	Y		Y		
Essex	New Jersey	2401	16001	Y		Y		
Essex	New Jersey	2401	18001	Y		Y		
Essex	New Jersey	2401	20001	Y		Y		
Essex	New Jersey	2401	2001	Y		Y		
Essex	New Jersey	2401	22001	Y		Y		
Essex	New Jersey	2401	24001	Y		Y		
Essex	New Jersey	2401	26001	Y		Y		
Essex	New Jersey	2401	28001	Y		Y		
Essex	New Jersey	2401	35001	Y		Y		
Essex	New Jersey	2401	4001	Y		Y		
Forked River	New Jersey	7138	002001	Y		Y		
Forked River	New Jersey	7138	003001	Y		Y		
Gilbert Generating Station	New Jersey	2393	04	Y		Y		
Gilbert Generating Station	New Jersey	2393	05	Y		Y		
Gilbert Generating Station	New Jersey	2393	06	Y		Y		
Gilbert Generating Station	New Jersey	2393	07	Y		Y		
Gilbert Generating Station	New Jersey	2393	9	Y		Y		
Hudson Generating Station	New Jersey	2403	1	Y		Y		
Hudson Generating Station	New Jersey	2403	2	Y		Y		
Kearny Generating Station	New Jersey	2404	121	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Kearny Generating Station	New Jersey	2404	122	1541	497,855	473,203	312,183	186,478	418,724
Kearny Generating Station	New Jersey	2404	123	1542	511,393	360,702	289,365	171,204	342,148
Kearny Generating Station	New Jersey	2404	124	1543	557,136	479,560	288,311	181,642	455,138
Kearny Generating Station	New Jersey	2404	16001	1545	135,266	65,477	118,964	18,108	70,337
Kearny Generating Station	New Jersey	2404	17001	1546	125,356	97,124	130,288	31,905	62,003
Lakewood Cogeneration	New Jersey	54640	001001	3790	798,371	1,084,067	590,353	307,991	1,360,003
Lakewood Cogeneration	New Jersey	54640	002001	3791	781,473	1,003,228	428,603	300,450	1,252,259
Linden Cogeneration Facility	New Jersey	50006	004001	3630	13,213,001	12,541,501	13,915,854	13,579,096	12,507,726
Linden Cogeneration Facility	New Jersey	50006	005001	3631	8,074,472	6,360,234	6,982,331	6,258,861	5,553,868
Linden Cogeneration Facility	New Jersey	50006	006001	3632	7,663,939	6,423,640	6,333,149	5,918,298	6,102,685
Linden Cogeneration Facility	New Jersey	50006	007001	3633	7,970,257	6,357,609	6,997,055	6,132,706	6,613,517
Linden Cogeneration Facility	New Jersey	50006	008001	3634	6,370,496	7,651,743	6,131,929	5,849,951	6,769,193
Linden Cogeneration Facility	New Jersey	50006	009001	3635	5,073,097	7,700,150	6,582,470	6,546,017	5,402,309
Linden Generating Station	New Jersey	2406	1101	1552	2,281,894	3,474,574	7,536,918	7,908,036	9,123,487
Linden Generating Station	New Jersey	2406	1201	1553	2,109,888	3,020,174	7,302,599	7,351,973	9,073,804
Linden Generating Station	New Jersey	2406	2101	1558	1,881,624	2,866,783	6,841,168	6,964,127	8,087,889
Linden Generating Station	New Jersey	2406	2201	1559	1,836,295	3,240,809	7,278,787	7,618,222	9,043,435
Linden Generating Station	New Jersey	2406	5	1561	300,664	943,828	596,157	253,007	438,761
Linden Generating Station	New Jersey	2406	6	1562	259,821	780,417	459,262	219,531	483,892
Linden Generating Station	New Jersey	2406	7	1563	215,128	570,213	283,851	152,802	381,069
Linden Generating Station	New Jersey	2406	8	1565	393,880	719,362	348,026	137,790	326,542
Logan Generating Plant	New Jersey	10043	1001	3524	16,436,960	15,273,094	17,355,244	10,673,611	11,042,510
Mercer Generating Station	New Jersey	2408	1	1568	16,655,582	19,624,582	11,746,436	7,168,752	11,628,949
Mercer Generating Station	New Jersey	2408	2	1569	15,440,558	12,253,530	12,519,945	8,580,109	9,206,853
Mercer Generating Station	New Jersey	2408	7001	1570		11,412	4,351	5,494	
Mickleton Energy Center	New Jersey	8008	001001	3422	83,147	53,363	106,106	12,012	44,772
Middle Energy Center	New Jersey	2382	005001	1436	70,236	34,600	11,124	1,528	1,541

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Kearny Generating Station	New Jersey	2404	122	463,260	304,983,018	0.001519	7,517	5,463
Kearny Generating Station	New Jersey	2404	123	404,748	304,983,018	0.001327	7,517	5,463
Kearny Generating Station	New Jersey	2404	124	497,278	304,983,018	0.001631	7,517	5,463
Kearny Generating Station	New Jersey	2404	16001	108,189	304,983,018	0.000355	7,517	5,463
Kearny Generating Station	New Jersey	2404	17001	117,589	304,983,018	0.000386	7,517	5,463
Lakewood Cogeneration	New Jersey	54640	001001	1,080,814	304,983,018	0.003544	7,517	5,463
Lakewood Cogeneration	New Jersey	54640	002001	1,012,320	304,983,018	0.003319	7,517	5,463
Linden Cogeneration Facility	New Jersey	50006	004001	13,569,317	304,983,018	0.044492	7,517	5,463
Linden Cogeneration Facility	New Jersey	50006	005001	7,139,012	304,983,018	0.023408	7,517	5,463
Linden Cogeneration Facility	New Jersey	50006	006001	6,806,909	304,983,018	0.022319	7,517	5,463
Linden Cogeneration Facility	New Jersey	50006	007001	7,193,610	304,983,018	0.023587	7,517	5,463
Linden Cogeneration Facility	New Jersey	50006	008001	6,930,477	304,983,018	0.022724	7,517	5,463
Linden Cogeneration Facility	New Jersey	50006	009001	6,942,879	304,983,018	0.022765	7,517	5,463
Linden Generating Station	New Jersey	2406	1101	8,189,480	304,983,018	0.026852	7,517	5,463
Linden Generating Station	New Jersey	2406	1201	7,909,459	304,983,018	0.025934	7,517	5,463
Linden Generating Station	New Jersey	2406	2101	7,297,728	304,983,018	0.023928	7,517	5,463
Linden Generating Station	New Jersey	2406	2201	7,980,148	304,983,018	0.026166	7,517	5,463
Linden Generating Station	New Jersey	2406	5	659,582	304,983,018	0.002163	7,517	5,463
Linden Generating Station	New Jersey	2406	6	574,523	304,983,018	0.001884	7,517	5,463
Linden Generating Station	New Jersey	2406	7	411,711	304,983,018	0.001350	7,517	5,463
Linden Generating Station	New Jersey	2406	8	487,090	304,983,018	0.001597	7,517	5,463
Logan Generating Plant	New Jersey	10043	1001	16,355,099	304,983,018	0.053626	7,517	5,463
Mercer Generating Station	New Jersey	2408	1	16,008,867	304,983,018	0.052491	7,517	5,463
Mercer Generating Station	New Jersey	2408	2	13,404,678	304,983,018	0.043952	7,517	5,463
Mercer Generating Station	New Jersey	2408	7001	7,086	304,983,018	0.000023	7,517	5,463
Mickleton Energy Center	New Jersey	8008	001001	80,872	304,983,018	0.000265	7,517	5,463
Middle Energy Center	New Jersey	2382	005001	38,653	304,983,018	0.000127	7,517	5,463

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Kearny Generating Station	New Jersey	2404	122	8,054	7,786	11	8	12	12
Kearny Generating Station	New Jersey	2404	123	8,054	7,786	10	7	11	10
Kearny Generating Station	New Jersey	2404	124	8,054	7,786	12	9	13	13
Kearny Generating Station	New Jersey	2404	16001	8,054	7,786	3	2	3	3
Kearny Generating Station	New Jersey	2404	17001	8,054	7,786	3	2	3	3
Lakewood Cogeneration	New Jersey	54640	001001	8,054	7,786	27	19	29	28
Lakewood Cogeneration	New Jersey	54640	002001	8,054	7,786	25	18	27	26
Linden Cogeneration Facility	New Jersey	50006	004001	8,054	7,786	334	243	358	346
Linden Cogeneration Facility	New Jersey	50006	005001	8,054	7,786	176	128	189	182
Linden Cogeneration Facility	New Jersey	50006	006001	8,054	7,786	168	122	180	174
Linden Cogeneration Facility	New Jersey	50006	007001	8,054	7,786	177	129	190	184
Linden Cogeneration Facility	New Jersey	50006	008001	8,054	7,786	171	124	183	177
Linden Cogeneration Facility	New Jersey	50006	009001	8,054	7,786	171	124	183	177
Linden Generating Station	New Jersey	2406	1101	8,054	7,786	202	147	216	209
Linden Generating Station	New Jersey	2406	1201	8,054	7,786	195	142	209	202
Linden Generating Station	New Jersey	2406	2101	8,054	7,786	180	131	193	186
Linden Generating Station	New Jersey	2406	2201	8,054	7,786	197	143	211	204
Linden Generating Station	New Jersey	2406	5	8,054	7,786	16	12	17	17
Linden Generating Station	New Jersey	2406	6	8,054	7,786	14	10	15	15
Linden Generating Station	New Jersey	2406	7	8,054	7,786	10	7	11	11
Linden Generating Station	New Jersey	2406	8	8,054	7,786	12	9	13	12
Logan Generating Plant	New Jersey	10043	1001	8,054	7,786	403	293	432	418
Mercer Generating Station	New Jersey	2408	1	8,054	7,786	395	287	423	409
Mercer Generating Station	New Jersey	2408	2	8,054	7,786	330	240	354	342
Mercer Generating Station	New Jersey	2408	7001	8,054	7,786	0	0	0	0
Mickleton Energy Center	New Jersey	8008	001001	8,054	7,786	2	1	2	2
Middle Energy Center	New Jersey	2382	005001	8,054	7,786	1	1	1	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Kearny Generating Station	New Jersey	2404	122	1	0	0	0	0	0
Kearny Generating Station	New Jersey	2404	123	0	0	0	0	0	0
Kearny Generating Station	New Jersey	2404	124	0	0	0	0	0	0
Kearny Generating Station	New Jersey	2404	16001						
Kearny Generating Station	New Jersey	2404	17001						
Lakewood Cogeneration	New Jersey	54640	001001						
Lakewood Cogeneration	New Jersey	54640	002001						
Linden Cogeneration Facility	New Jersey	50006	004001	6	7	14	5	4	5
Linden Cogeneration Facility	New Jersey	50006	005001						
Linden Cogeneration Facility	New Jersey	50006	006001						
Linden Cogeneration Facility	New Jersey	50006	007001						
Linden Cogeneration Facility	New Jersey	50006	008001						
Linden Cogeneration Facility	New Jersey	50006	009001						
Linden Generating Station	New Jersey	2406	1101			0	1	2	3
Linden Generating Station	New Jersey	2406	1201			0	1	2	3
Linden Generating Station	New Jersey	2406	2101			0	1	1	2
Linden Generating Station	New Jersey	2406	2201			0	1	1	2
Linden Generating Station	New Jersey	2406	5	2	9	5	0	1	1
Linden Generating Station	New Jersey	2406	6	1	10	6	1	2	0
Linden Generating Station	New Jersey	2406	7	2	0	1	0	1	0
Linden Generating Station	New Jersey	2406	8	0	7	6	0	1	11
Logan Generating Plant	New Jersey	10043	1001						
Mercer Generating Station	New Jersey	2408	1	5,814	5,168	8,723	7,520	8,833	6,240
Mercer Generating Station	New Jersey	2408	2	6,673	6,341	8,019	6,997	5,500	6,708
Mercer Generating Station	New Jersey	2408	7001						
Mickleton Energy Center	New Jersey	8008	001001						
Middle Energy Center	New Jersey	2382	005001						

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation							Highest value of columns V - AC			
Kearny Generating Station	New Jersey	2404	122	0	0	1				
Kearny Generating Station	New Jersey	2404	123	0	0	0				
Kearny Generating Station	New Jersey	2404	124	0	0	0				
Kearny Generating Station	New Jersey	2404	16001	0	0	0				
Kearny Generating Station	New Jersey	2404	17001	0	0	0				
Lakewood Cogeneration	New Jersey	54640	001001	1	1	1				
Lakewood Cogeneration	New Jersey	54640	002001	1	1	1				
Linden Cogeneration Facility	New Jersey	50006	004001	4	7	14				
Linden Cogeneration Facility	New Jersey	50006	005001	2	2	2				
Linden Cogeneration Facility	New Jersey	50006	006001	2	2	2				
Linden Cogeneration Facility	New Jersey	50006	007001	2	2	2				
Linden Cogeneration Facility	New Jersey	50006	008001	2	2	2				
Linden Cogeneration Facility	New Jersey	50006	009001	2	2	2				
Linden Generating Station	New Jersey	2406	1101	4	3	4				
Linden Generating Station	New Jersey	2406	1201	4	3	4				
Linden Generating Station	New Jersey	2406	2101	3	2	3				
Linden Generating Station	New Jersey	2406	2201	3	3	3				
Linden Generating Station	New Jersey	2406	5	0	0	9				
Linden Generating Station	New Jersey	2406	6	0	0	10				
Linden Generating Station	New Jersey	2406	7	0	0	2				
Linden Generating Station	New Jersey	2406	8	0	0	11				
Logan Generating Plant	New Jersey	10043	1001	769	704	769				
Mercer Generating Station	New Jersey	2408	1	3,318	4,738	8,833				
Mercer Generating Station	New Jersey	2408	2	4,022	3,826	8,019				
Mercer Generating Station	New Jersey	2408	7001	1		1				
Mickleton Energy Center	New Jersey	8008	001001	0	0	0				
Middle Energy Center	New Jersey	2382	005001	0	0	0				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Kearny Generating Station	New Jersey	2404	122				23	22	17
Kearny Generating Station	New Jersey	2404	123				20	21	17
Kearny Generating Station	New Jersey	2404	124				18	18	15
Kearny Generating Station	New Jersey	2404	16001				25	36	43
Kearny Generating Station	New Jersey	2404	17001				29	28	42
Lakewood Cogeneration	New Jersey	54640	001001				32	29	32
Lakewood Cogeneration	New Jersey	54640	002001				32	32	27
Linden Cogeneration Facility	New Jersey	50006	004001				28	33	29
Linden Cogeneration Facility	New Jersey	50006	005001				91	106	84
Linden Cogeneration Facility	New Jersey	50006	006001				97	101	84
Linden Cogeneration Facility	New Jersey	50006	007001				83	121	83
Linden Cogeneration Facility	New Jersey	50006	008001				99	97	79
Linden Cogeneration Facility	New Jersey	50006	009001				95	104	87
Linden Generating Station	New Jersey	2406	1101						57
Linden Generating Station	New Jersey	2406	1201						38
Linden Generating Station	New Jersey	2406	2101						63
Linden Generating Station	New Jersey	2406	2201						7
Linden Generating Station	New Jersey	2406	5				23	19	7
Linden Generating Station	New Jersey	2406	6				21	20	12
Linden Generating Station	New Jersey	2406	7				24	12	7
Linden Generating Station	New Jersey	2406	8				11	23	13
Logan Generating Plant	New Jersey	10043	1001				1,040	1,179	1,261
Mercer Generating Station	New Jersey	2408	1				4,074	2,164	4,231
Mercer Generating Station	New Jersey	2408	2				5,668	3,863	3,724
Mercer Generating Station	New Jersey	2408	7001				4	5	3
Mickleton Energy Center	New Jersey	8008	001001				5		16
Middle Energy Center	New Jersey	2382	005001				8	17	32

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Kearny Generating Station	New Jersey	2404	122	23	22	15	9	20	23
Kearny Generating Station	New Jersey	2404	123	23	16	13	8	15	23
Kearny Generating Station	New Jersey	2404	124	25	21	13	8	20	25
Kearny Generating Station	New Jersey	2404	16001	47	23	42	6	25	47
Kearny Generating Station	New Jersey	2404	17001	44	34	46	11	22	46
Lakewood Cogeneration	New Jersey	54640	001001	13	19	10	5	18	32
Lakewood Cogeneration	New Jersey	54640	002001	12	18	8	5	18	32
Linden Cogeneration Facility	New Jersey	50006	004001	24	29	30	28	33	33
Linden Cogeneration Facility	New Jersey	50006	005001	94	74	82	74	66	106
Linden Cogeneration Facility	New Jersey	50006	006001	91	77	75	72	71	101
Linden Cogeneration Facility	New Jersey	50006	007001	92	75	84	76	78	121
Linden Cogeneration Facility	New Jersey	50006	008001	77	92	73	72	83	99
Linden Cogeneration Facility	New Jersey	50006	009001	60	93	79	81	63	104
Linden Generating Station	New Jersey	2406	1101	16	24	43	41	40	57
Linden Generating Station	New Jersey	2406	1201	12	20	38	38	38	38
Linden Generating Station	New Jersey	2406	2101	45	18	34	32	33	63
Linden Generating Station	New Jersey	2406	2201	12	24	41	37	39	41
Linden Generating Station	New Jersey	2406	5	5	22	15	8	8	23
Linden Generating Station	New Jersey	2406	6	5	17	10	5	9	21
Linden Generating Station	New Jersey	2406	7	4	14	6	5	9	24
Linden Generating Station	New Jersey	2406	8	9	17	9	4	8	23
Logan Generating Plant	New Jersey	10043	1001	1,169	1,090	1,217	766	712	1,261
Mercer Generating Station	New Jersey	2408	1	1,695	838	512	301	480	4,231
Mercer Generating Station	New Jersey	2408	2	2,196	539	564	357	412	5,668
Mercer Generating Station	New Jersey	2408	7001		7	3	3		7
Mickleton Energy Center	New Jersey	8008	001001	7	4	8	4	18	18
Middle Energy Center	New Jersey	2382	005001	9	4	1	0	0	32

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Kearny Generating Station	New Jersey	2404	122						
Kearny Generating Station	New Jersey	2404	123						
Kearny Generating Station	New Jersey	2404	124						
Kearny Generating Station	New Jersey	2404	16001						
Kearny Generating Station	New Jersey	2404	17001						
Lakewood Cogeneration	New Jersey	54640	001001						
Lakewood Cogeneration	New Jersey	54640	002001						
Linden Cogeneration Facility	New Jersey	50006	004001						
Linden Cogeneration Facility	New Jersey	50006	005001						
Linden Cogeneration Facility	New Jersey	50006	006001						
Linden Cogeneration Facility	New Jersey	50006	007001						
Linden Cogeneration Facility	New Jersey	50006	008001						
Linden Cogeneration Facility	New Jersey	50006	009001						
Linden Generating Station	New Jersey	2406	1101						
Linden Generating Station	New Jersey	2406	1201						
Linden Generating Station	New Jersey	2406	2101						
Linden Generating Station	New Jersey	2406	2201						
Linden Generating Station	New Jersey	2406	5						
Linden Generating Station	New Jersey	2406	6						
Linden Generating Station	New Jersey	2406	7						
Linden Generating Station	New Jersey	2406	8						
Logan Generating Plant	New Jersey	10043	1001						
Mercer Generating Station	New Jersey	2408	1						
Mercer Generating Station	New Jersey	2408	2						
Mercer Generating Station	New Jersey	2408	7001						
Mickleton Energy Center	New Jersey	8008	001001						
Middle Energy Center	New Jersey	2382	005001						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Kearny Generating Station	New Jersey	2404	122	1	1		
Kearny Generating Station	New Jersey	2404	123	0	0		
Kearny Generating Station	New Jersey	2404	124	0	0		
Kearny Generating Station	New Jersey	2404	16001	0	0		
Kearny Generating Station	New Jersey	2404	17001	0	0		
Lakewood Cogeneration	New Jersey	54640	001001	1	1		
Lakewood Cogeneration	New Jersey	54640	002001	1	1		
Linden Cogeneration Facility	New Jersey	50006	004001	14	14		
Linden Cogeneration Facility	New Jersey	50006	005001	2	2		
Linden Cogeneration Facility	New Jersey	50006	006001	2	2		
Linden Cogeneration Facility	New Jersey	50006	007001	2	2		
Linden Cogeneration Facility	New Jersey	50006	008001	2	2		
Linden Cogeneration Facility	New Jersey	50006	009001	2	2		
Linden Generating Station	New Jersey	2406	1101	4	4		
Linden Generating Station	New Jersey	2406	1201	4	4		
Linden Generating Station	New Jersey	2406	2101	3	3		
Linden Generating Station	New Jersey	2406	2201	3	3		
Linden Generating Station	New Jersey	2406	5	9	9		
Linden Generating Station	New Jersey	2406	6	10	10		
Linden Generating Station	New Jersey	2406	7	2	2		
Linden Generating Station	New Jersey	2406	8	11	11		
Logan Generating Plant	New Jersey	10043	1001	769	769		
Mercer Generating Station	New Jersey	2408	1	1,034	1,034		
Mercer Generating Station	New Jersey	2408	2	866	866		
Mercer Generating Station	New Jersey	2408	7001	0	0		
Mickleton Energy Center	New Jersey	8008	001001	0	0		
Middle Energy Center	New Jersey	2382	005001	0	0		

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Calculation							
Kearny Generating Station	New Jersey	2404	122			21	21
Kearny Generating Station	New Jersey	2404	123			18	18
Kearny Generating Station	New Jersey	2404	124			22	22
Kearny Generating Station	New Jersey	2404	16001			5	5
Kearny Generating Station	New Jersey	2404	17001			5	5
Lakewood Cogeneration	New Jersey	54640	001001			32	32
Lakewood Cogeneration	New Jersey	54640	002001			32	32
Linden Cogeneration Facility	New Jersey	50006	004001			33	33
Linden Cogeneration Facility	New Jersey	50006	005001			106	106
Linden Cogeneration Facility	New Jersey	50006	006001			101	101
Linden Cogeneration Facility	New Jersey	50006	007001			121	121
Linden Cogeneration Facility	New Jersey	50006	008001			99	99
Linden Cogeneration Facility	New Jersey	50006	009001			104	104
Linden Generating Station	New Jersey	2406	1101			57	57
Linden Generating Station	New Jersey	2406	1201			38	38
Linden Generating Station	New Jersey	2406	2101			63	63
Linden Generating Station	New Jersey	2406	2201			41	41
Linden Generating Station	New Jersey	2406	5			23	23
Linden Generating Station	New Jersey	2406	6			21	21
Linden Generating Station	New Jersey	2406	7			18	18
Linden Generating Station	New Jersey	2406	8			22	22
Logan Generating Plant	New Jersey	10043	1001			729	729
Mercer Generating Station	New Jersey	2408	1			714	714
Mercer Generating Station	New Jersey	2408	2			597	597
Mercer Generating Station	New Jersey	2408	7001			0	0
Mickleton Energy Center	New Jersey	8008	001001			4	4
Middle Energy Center	New Jersey	2382	005001			2	2

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Kearny Generating Station	New Jersey	2404	122	20	20	20	20
Kearny Generating Station	New Jersey	2404	123	17	17	17	17
Kearny Generating Station	New Jersey	2404	124	21	21	21	21
Kearny Generating Station	New Jersey	2404	16001	5	5	5	5
Kearny Generating Station	New Jersey	2404	17001	5	5	5	5
Lakewood Cogeneration	New Jersey	54640	001001	32	32	32	32
Lakewood Cogeneration	New Jersey	54640	002001	32	32	32	32
Linden Cogeneration Facility	New Jersey	50006	004001	33	33	33	33
Linden Cogeneration Facility	New Jersey	50006	005001	106	106	106	106
Linden Cogeneration Facility	New Jersey	50006	006001	101	101	101	101
Linden Cogeneration Facility	New Jersey	50006	007001	121	121	121	121
Linden Cogeneration Facility	New Jersey	50006	008001	99	99	99	99
Linden Cogeneration Facility	New Jersey	50006	009001	104	104	104	104
Linden Generating Station	New Jersey	2406	1101	57	57	57	57
Linden Generating Station	New Jersey	2406	1201	38	38	38	38
Linden Generating Station	New Jersey	2406	2101	63	63	63	63
Linden Generating Station	New Jersey	2406	2201	41	41	41	41
Linden Generating Station	New Jersey	2406	5	23	23	23	23
Linden Generating Station	New Jersey	2406	6	21	21	21	21
Linden Generating Station	New Jersey	2406	7	18	18	18	18
Linden Generating Station	New Jersey	2406	8	21	21	21	21
Logan Generating Plant	New Jersey	10043	1001	697	697	697	697
Mercer Generating Station	New Jersey	2408	1	683	683	683	683
Mercer Generating Station	New Jersey	2408	2	572	572	572	572
Mercer Generating Station	New Jersey	2408	7001	0	0	0	0
Mickleton Energy Center	New Jersey	8008	001001	3	3	3	3
Middle Energy Center	New Jersey	2382	005001	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Kearny Generating Station	New Jersey	2404	122	374,036	252,629	195,057	92,390	262,159	296,274
Kearny Generating Station	New Jersey	2404	123	361,013	270,138	180,176	79,787	217,593	282,915
Kearny Generating Station	New Jersey	2404	124	402,322	270,166	178,752	85,136	292,690	321,726
Kearny Generating Station	New Jersey	2404	16001	135,266	65,477	82,417	17,875	45,979	94,387
Kearny Generating Station	New Jersey	2404	17001	125,356	97,124	72,124	13,393	32,718	98,201
Lakewood Cogeneration	New Jersey	54640	001001	764,831	855,147	512,942	223,891	1,060,498	893,492
Lakewood Cogeneration	New Jersey	54640	002001	743,495	799,138	352,367	225,844	967,620	836,751
Linden Cogeneration Facility	New Jersey	50006	004001	6,172,239	5,725,709	5,603,451	5,936,103	5,189,198	5,944,683
Linden Cogeneration Facility	New Jersey	50006	005001	3,537,571	3,018,164	3,041,705	2,266,501	2,616,979	3,199,147
Linden Cogeneration Facility	New Jersey	50006	006001	3,343,082	2,331,697	2,928,094	2,399,221	3,037,126	3,102,767
Linden Cogeneration Facility	New Jersey	50006	007001	3,459,877	3,063,908	2,900,999	2,768,690	2,770,153	3,141,595
Linden Cogeneration Facility	New Jersey	50006	008001	2,688,877	3,245,381	3,029,472	2,435,268	2,758,060	3,010,971
Linden Cogeneration Facility	New Jersey	50006	009001	2,341,257	3,203,458	2,998,094	2,711,877	2,528,194	2,971,143
Linden Generating Station	New Jersey	2406	1101	1,912,476	1,905,328	3,616,786	4,044,593	4,597,607	4,086,329
Linden Generating Station	New Jersey	2406	1201	1,861,642	1,765,937	3,560,413	3,906,645	4,610,634	4,025,897
Linden Generating Station	New Jersey	2406	2101	1,617,585	1,846,237	3,634,640	3,750,610	3,921,986	3,769,079
Linden Generating Station	New Jersey	2406	2201	1,629,227	2,066,390	3,801,208	3,987,983	4,478,559	4,089,250
Linden Generating Station	New Jersey	2406	5	141,834	485,581	267,822	111,839	359,311	370,905
Linden Generating Station	New Jersey	2406	6	144,040	452,667	223,298	93,314	381,270	352,412
Linden Generating Station	New Jersey	2406	7	88,408	278,770	146,221	70,057	275,174	233,388
Linden Generating Station	New Jersey	2406	8	122,172	329,833	139,382	40,621	257,217	242,144
Logan Generating Plant	New Jersey	10043	1001	6,752,295	6,564,219	7,687,890	3,703,000	4,396,778	7,001,468
Mercer Generating Station	New Jersey	2408	1	8,162,644	8,817,988	7,088,731	2,270,713	5,711,003	8,023,121
Mercer Generating Station	New Jersey	2408	2	5,730,471	6,845,045	6,926,908	3,106,366	4,605,026	6,500,808
Mercer Generating Station	New Jersey	2408	7001		11,412	4,351	5,494		7,086
Mickleton Energy Center	New Jersey	8008	001001	83,147	53,363	94,316	12,012	31,668	76,942
Middle Energy Center	New Jersey	2382	005001	70,236	34,600	8,820	1,528	767	37,885

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Kearny Generating Station	New Jersey	2404	122	151,433,823	0.001956	4,045	3,656	8	7
Kearny Generating Station	New Jersey	2404	123	151,433,823	0.001868	4,045	3,656	8	7
Kearny Generating Station	New Jersey	2404	124	151,433,823	0.002125	4,045	3,656	9	8
Kearny Generating Station	New Jersey	2404	16001	151,433,823	0.000623	4,045	3,656	3	2
Kearny Generating Station	New Jersey	2404	17001	151,433,823	0.000648	4,045	3,656	3	2
Lakewood Cogeneration	New Jersey	54640	001001	151,433,823	0.005900	4,045	3,656	24	22
Lakewood Cogeneration	New Jersey	54640	002001	151,433,823	0.005526	4,045	3,656	22	20
Linden Cogeneration Facility	New Jersey	50006	004001	151,433,823	0.039256	4,045	3,656	159	144
Linden Cogeneration Facility	New Jersey	50006	005001	151,433,823	0.021126	4,045	3,656	85	77
Linden Cogeneration Facility	New Jersey	50006	006001	151,433,823	0.020489	4,045	3,656	83	75
Linden Cogeneration Facility	New Jersey	50006	007001	151,433,823	0.020746	4,045	3,656	84	76
Linden Cogeneration Facility	New Jersey	50006	008001	151,433,823	0.019883	4,045	3,656	80	73
Linden Cogeneration Facility	New Jersey	50006	009001	151,433,823	0.019620	4,045	3,656	79	72
Linden Generating Station	New Jersey	2406	1101	151,433,823	0.026984	4,045	3,656	109	99
Linden Generating Station	New Jersey	2406	1201	151,433,823	0.026585	4,045	3,656	108	97
Linden Generating Station	New Jersey	2406	2101	151,433,823	0.024889	4,045	3,656	101	91
Linden Generating Station	New Jersey	2406	2201	151,433,823	0.027004	4,045	3,656	109	99
Linden Generating Station	New Jersey	2406	5	151,433,823	0.002449	4,045	3,656	10	9
Linden Generating Station	New Jersey	2406	6	151,433,823	0.002327	4,045	3,656	9	9
Linden Generating Station	New Jersey	2406	7	151,433,823	0.001541	4,045	3,656	6	6
Linden Generating Station	New Jersey	2406	8	151,433,823	0.001599	4,045	3,656	6	6
Logan Generating Plant	New Jersey	10043	1001	151,433,823	0.046235	4,045	3,656	187	169
Mercer Generating Station	New Jersey	2408	1	151,433,823	0.052981	4,045	3,656	214	194
Mercer Generating Station	New Jersey	2408	2	151,433,823	0.042928	4,045	3,656	174	157
Mercer Generating Station	New Jersey	2408	7001	151,433,823	0.000047	4,045	3,656	0	0
Mickleton Energy Center	New Jersey	8008	001001	151,433,823	0.000508	4,045	3,656	2	2
Middle Energy Center	New Jersey	2382	005001	151,433,823	0.000250	4,045	3,656	1	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Kearny Generating Station	New Jersey	2404	122	13	9	8	17	11	9
Kearny Generating Station	New Jersey	2404	123	12	9	9	16	12	8
Kearny Generating Station	New Jersey	2404	124	11	7	7	17	11	8
Kearny Generating Station	New Jersey	2404	16001	25	36	43	47	23	29
Kearny Generating Station	New Jersey	2404	17001	29	28	42	44	34	25
Lakewood Cogeneration	New Jersey	54640	001001	9	14	14	12	14	8
Lakewood Cogeneration	New Jersey	54640	002001	8	17	13	11	12	6
Linden Cogeneration Facility	New Jersey	50006	004001	13	14	11	8	10	10
Linden Cogeneration Facility	New Jersey	50006	005001	38	36	39	40	35	35
Linden Cogeneration Facility	New Jersey	50006	006001	38	34	38	39	27	34
Linden Cogeneration Facility	New Jersey	50006	007001	37	39	37	40	36	35
Linden Cogeneration Facility	New Jersey	50006	008001	39	36	35	32	39	36
Linden Cogeneration Facility	New Jersey	50006	009001	36	34	38	27	38	35
Linden Generating Station	New Jersey	2406	1101			53	9	11	18
Linden Generating Station	New Jersey	2406	1201			28	9	10	16
Linden Generating Station	New Jersey	2406	2101			30	6	10	15
Linden Generating Station	New Jersey	2406	2201			5	8	15	18
Linden Generating Station	New Jersey	2406	5	6	8	3	2	10	5
Linden Generating Station	New Jersey	2406	6	6	10	5	2	7	3
Linden Generating Station	New Jersey	2406	7	6	8	4	1	5	2
Linden Generating Station	New Jersey	2406	8	6	8	6	2	6	3
Logan Generating Plant	New Jersey	10043	1001	433	522	566	481	463	538
Mercer Generating Station	New Jersey	2408	1	1,254	421	345	370	375	316
Mercer Generating Station	New Jersey	2408	2	1,370	329	349	275	294	326
Mercer Generating Station	New Jersey	2408	7001	4	5	3		7	3
Mickleton Energy Center	New Jersey	8008	001001	5		16	7	4	7
Middle Energy Center	New Jersey	2382	005001	8	17	32	9	4	1

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Kearny Generating Station	New Jersey	2404	122	4	11	17			
Kearny Generating Station	New Jersey	2404	123	3	9	16			
Kearny Generating Station	New Jersey	2404	124	4	12	17			
Kearny Generating Station	New Jersey	2404	16001	6	16	47			
Kearny Generating Station	New Jersey	2404	17001	5	11	44			
Lakewood Cogeneration	New Jersey	54640	001001	3	14	14			
Lakewood Cogeneration	New Jersey	54640	002001	3	13	17			
Linden Cogeneration Facility	New Jersey	50006	004001	8	10	14			
Linden Cogeneration Facility	New Jersey	50006	005001	28	32	40			
Linden Cogeneration Facility	New Jersey	50006	006001	29	35	39			
Linden Cogeneration Facility	New Jersey	50006	007001	33	32	40			
Linden Cogeneration Facility	New Jersey	50006	008001	30	34	39			
Linden Cogeneration Facility	New Jersey	50006	009001	33	30	38			
Linden Generating Station	New Jersey	2406	1101	21	21	53			
Linden Generating Station	New Jersey	2406	1201	18	19	28			
Linden Generating Station	New Jersey	2406	2101	15	17	30			
Linden Generating Station	New Jersey	2406	2201	19	19	19			
Linden Generating Station	New Jersey	2406	5	2	5	10			
Linden Generating Station	New Jersey	2406	6	1	6	10			
Linden Generating Station	New Jersey	2406	7	2	5	8			
Linden Generating Station	New Jersey	2406	8	1	6	8			
Logan Generating Plant	New Jersey	10043	1001	267	285	566			
Mercer Generating Station	New Jersey	2408	1	98	232	1,254			
Mercer Generating Station	New Jersey	2408	2	130	207	1,370			
Mercer Generating Station	New Jersey	2408	7001	3		7			
Mickleton Energy Center	New Jersey	8008	001001	4	11	16			
Middle Energy Center	New Jersey	2382	005001	0	0	32			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Kearny Generating Station	New Jersey	2404	122				14	14
Kearny Generating Station	New Jersey	2404	123				13	13
Kearny Generating Station	New Jersey	2404	124				15	15
Kearny Generating Station	New Jersey	2404	16001				4	4
Kearny Generating Station	New Jersey	2404	17001				5	5
Lakewood Cogeneration	New Jersey	54640	001001				14	14
Lakewood Cogeneration	New Jersey	54640	002001				17	17
Linden Cogeneration Facility	New Jersey	50006	004001				14	14
Linden Cogeneration Facility	New Jersey	50006	005001				40	40
Linden Cogeneration Facility	New Jersey	50006	006001				39	39
Linden Cogeneration Facility	New Jersey	50006	007001				40	40
Linden Cogeneration Facility	New Jersey	50006	008001				39	39
Linden Cogeneration Facility	New Jersey	50006	009001				38	38
Linden Generating Station	New Jersey	2406	1101				53	53
Linden Generating Station	New Jersey	2406	1201				28	28
Linden Generating Station	New Jersey	2406	2101				30	30
Linden Generating Station	New Jersey	2406	2201				19	19
Linden Generating Station	New Jersey	2406	5				10	10
Linden Generating Station	New Jersey	2406	6				10	10
Linden Generating Station	New Jersey	2406	7				8	8
Linden Generating Station	New Jersey	2406	8				8	8
Logan Generating Plant	New Jersey	10043	1001				327	327
Mercer Generating Station	New Jersey	2408	1				375	375
Mercer Generating Station	New Jersey	2408	2				304	304
Mercer Generating Station	New Jersey	2408	7001				0	0
Mickleton Energy Center	New Jersey	8008	001001				4	4
Middle Energy Center	New Jersey	2382	005001				2	2

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Kearny Generating Station	New Jersey	2404	122	12	12	12	12	Y
Kearny Generating Station	New Jersey	2404	123	12	12	12	12	Y
Kearny Generating Station	New Jersey	2404	124	13	13	13	13	Y
Kearny Generating Station	New Jersey	2404	16001	4	4	4	4	Y
Kearny Generating Station	New Jersey	2404	17001	4	4	4	4	Y
Lakewood Cogeneration	New Jersey	54640	001001	14	14	14	14	Y
Lakewood Cogeneration	New Jersey	54640	002001	17	17	17	17	Y
Linden Cogeneration Facility	New Jersey	50006	004001	14	14	14	14	Y
Linden Cogeneration Facility	New Jersey	50006	005001	40	40	40	40	Y
Linden Cogeneration Facility	New Jersey	50006	006001	39	39	39	39	Y
Linden Cogeneration Facility	New Jersey	50006	007001	40	40	40	40	Y
Linden Cogeneration Facility	New Jersey	50006	008001	39	39	39	39	Y
Linden Cogeneration Facility	New Jersey	50006	009001	38	38	38	38	Y
Linden Generating Station	New Jersey	2406	1101	53	53	53	53	Y
Linden Generating Station	New Jersey	2406	1201	28	28	28	28	Y
Linden Generating Station	New Jersey	2406	2101	30	30	30	30	Y
Linden Generating Station	New Jersey	2406	2201	19	19	19	19	Y
Linden Generating Station	New Jersey	2406	5	10	10	10	10	Y
Linden Generating Station	New Jersey	2406	6	10	10	10	10	Y
Linden Generating Station	New Jersey	2406	7	8	8	8	8	Y
Linden Generating Station	New Jersey	2406	8	8	8	8	8	Y
Logan Generating Plant	New Jersey	10043	1001	286	286	286	286	Y
Mercer Generating Station	New Jersey	2408	1	328	328	328	328	Y
Mercer Generating Station	New Jersey	2408	2	266	266	266	266	Y
Mercer Generating Station	New Jersey	2408	7001	0	0	0	0	Y
Mickleton Energy Center	New Jersey	8008	001001	3	3	3	3	Y
Middle Energy Center	New Jersey	2382	005001	2	2	2	2	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Kearny Generating Station	New Jersey	2404	122	Y		Y		
Kearny Generating Station	New Jersey	2404	123	Y		Y		
Kearny Generating Station	New Jersey	2404	124	Y		Y		
Kearny Generating Station	New Jersey	2404	16001	Y		Y		
Kearny Generating Station	New Jersey	2404	17001	Y		Y		
Lakewood Cogeneration	New Jersey	54640	001001	Y		Y		
Lakewood Cogeneration	New Jersey	54640	002001	Y		Y		
Linden Cogeneration Facility	New Jersey	50006	004001	Y		Y		
Linden Cogeneration Facility	New Jersey	50006	005001	Y		Y		
Linden Cogeneration Facility	New Jersey	50006	006001	Y		Y		
Linden Cogeneration Facility	New Jersey	50006	007001	Y		Y		
Linden Cogeneration Facility	New Jersey	50006	008001	Y		Y		
Linden Cogeneration Facility	New Jersey	50006	009001	Y		Y		
Linden Generating Station	New Jersey	2406	1101	Y		Y		
Linden Generating Station	New Jersey	2406	1201	Y		Y		
Linden Generating Station	New Jersey	2406	2101	Y		Y		
Linden Generating Station	New Jersey	2406	2201	Y		Y		
Linden Generating Station	New Jersey	2406	5	Y		Y		
Linden Generating Station	New Jersey	2406	6	Y		Y		
Linden Generating Station	New Jersey	2406	7	Y		Y		
Linden Generating Station	New Jersey	2406	8	Y		Y		
Logan Generating Plant	New Jersey	10043	1001	Y		Y		
Mercer Generating Station	New Jersey	2408	1	Y		Y		
Mercer Generating Station	New Jersey	2408	2	Y		Y		
Mercer Generating Station	New Jersey	2408	7001	Y		Y		
Mickleton Energy Center	New Jersey	8008	001001	Y		Y		
Middle Energy Center	New Jersey	2382	005001	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Newark Bay Cogen	New Jersey	50385	1001	3650	301,986	580,949	736,677	738,371	1,751,437
Newark Bay Cogen	New Jersey	50385	2001	3651	61,643	85,439	675,730	766,999	1,411,901
North Jersey Energy Associates	New Jersey	10308	1001	3539	1,789,840	3,251,844	4,440,046	3,699,934	4,081,699
North Jersey Energy Associates	New Jersey	10308	1002	3540	1,689,413	3,498,629	4,442,252	4,021,893	4,238,065
Ocean Peaking Power, LP	New Jersey	55938	OPP3	88234	376,324	742,592	615,191	284,505	1,204,697
Ocean Peaking Power, LP	New Jersey	55938	OPP4	88235	411,235	795,714	574,062	266,241	937,852
Pedricktown Cogeneration Plant	New Jersey	10099	001001	3525	775,837	1,355,479	1,094,493	807,538	1,505,379
Salem	New Jersey	2410	2001	1572	2,551	4,210	7,648	4,267	9,016
Sayreville	New Jersey	2390	012001	1460	88,905	27,823	66,080	11,203	16,718
Sayreville	New Jersey	2390	014001	1461	79,570	47,256	196,276	4,561	21,570
Sayreville	New Jersey	2390	015001	1462	100,012	44,994	99,508	22,407	26,607
Sayreville	New Jersey	2390	016001	1463	89,694	39,536	154,709	15,668	48,624
Sewaren Generating Station	New Jersey	2411	1	1573	215,923	271,422	139,808	110,205	394,208
Sewaren Generating Station	New Jersey	2411	12001	1574	11,648	5,548	3,438	2,632	
Sewaren Generating Station	New Jersey	2411	2	1575	403,647	330,052	126,546	109,126	290,149
Sewaren Generating Station	New Jersey	2411	3	1576	679,442	565,999	395,671	184,112	403,203
Sewaren Generating Station	New Jersey	2411	4	1577	1,189,012	788,462	574,638	207,191	299,956
Sherman Avenue	New Jersey	7288	1	3086	559,406	660,096	207,682	90,485	27,581
Sunoco Power Generation, LLC	New Jersey	50561	0001	3672	688,270	1,008,846	1,315,246	453,999	125,946
Sunoco Power Generation, LLC	New Jersey	50561	0002	3673	747,179	1,867,642	1,036,115	2,344,341	1,168,145
Werner	New Jersey	2385	009001	1451	38,411	38,350	14,913	8,305	18,445
Werner	New Jersey	2385	010001	1452	42,523	36,494	30,283	11,106	29,208
Werner	New Jersey	2385	011001	1453		44,687	44,104	9,104	13,443
Werner	New Jersey	2385	012001	1454	32,925	16,136	46,327	6,975	19,057
West Station	New Jersey	6776	002001	2909	244,099	75,814	108,937	5,277	56,662
23rd and 3rd	New York	7910	2301	8384	414,027	947,377	782,666	527,335	773,481
23rd and 3rd	New York	7910	2302	8386	511,328	878,387	680,553	310,994	757,043

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Newark Bay Cogen	New Jersey	50385	1001	1,075,495	304,983,018	0.003526	7,517	5,463
Newark Bay Cogen	New Jersey	50385	2001	951,543	304,983,018	0.003120	7,517	5,463
North Jersey Energy Associates	New Jersey	10308	1001	4,073,893	304,983,018	0.013358	7,517	5,463
North Jersey Energy Associates	New Jersey	10308	1002	4,234,070	304,983,018	0.013883	7,517	5,463
Ocean Peaking Power, LP	New Jersey	55938	OPP3	854,160	304,983,018	0.002801	7,517	5,463
Ocean Peaking Power, LP	New Jersey	55938	OPP4	769,210	304,983,018	0.002522	7,517	5,463
Pedricktown Cogeneration Plant	New Jersey	10099	001001	1,318,450	304,983,018	0.004323	7,517	5,463
Salem	New Jersey	2410	2001	6,977	304,983,018	0.000023	7,517	5,463
Sayreville	New Jersey	2390	012001	60,936	304,983,018	0.000200	7,517	5,463
Sayreville	New Jersey	2390	014001	107,701	304,983,018	0.000353	7,517	5,463
Sayreville	New Jersey	2390	015001	81,505	304,983,018	0.000267	7,517	5,463
Sayreville	New Jersey	2390	016001	97,676	304,983,018	0.000320	7,517	5,463
Sewaren Generating Station	New Jersey	2411	1	293,851	304,983,018	0.000963	7,517	5,463
Sewaren Generating Station	New Jersey	2411	12001	6,878	304,983,018	0.000023	7,517	5,463
Sewaren Generating Station	New Jersey	2411	2	341,283	304,983,018	0.001119	7,517	5,463
Sewaren Generating Station	New Jersey	2411	3	549,548	304,983,018	0.001802	7,517	5,463
Sewaren Generating Station	New Jersey	2411	4	850,704	304,983,018	0.002789	7,517	5,463
Sherman Avenue	New Jersey	7288	1	475,728	304,983,018	0.001560	7,517	5,463
Sunoco Power Generation, LLC	New Jersey	50561	0001	1,004,121	304,983,018	0.003292	7,517	5,463
Sunoco Power Generation, LLC	New Jersey	50561	0002	1,793,376	304,983,018	0.005880	7,517	5,463
Werner	New Jersey	2385	009001	31,735	304,983,018	0.000104	7,517	5,463
Werner	New Jersey	2385	010001	36,433	304,983,018	0.000119	7,517	5,463
Werner	New Jersey	2385	011001	34,078	304,983,018	0.000112	7,517	5,463
Werner	New Jersey	2385	012001	32,770	304,983,018	0.000107	7,517	5,463
West Station	New Jersey	6776	002001	142,950	304,983,018	0.000469	7,517	5,463
23rd and 3rd	New York	7910	2301	834,508	707,632,553	0.001179	30,235	21,670
23rd and 3rd	New York	7910	2302	771,995	707,632,553	0.001091	30,235	21,670

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Newark Bay Cogen	New Jersey	50385	1001	8,054	7,786	27	19	28	27
Newark Bay Cogen	New Jersey	50385	2001	8,054	7,786	23	17	25	24
North Jersey Energy Associates	New Jersey	10308	1001	8,054	7,786	100	73	108	104
North Jersey Energy Associates	New Jersey	10308	1002	8,054	7,786	104	76	112	108
Ocean Peaking Power, LP	New Jersey	55938	OPP3	8,054	7,786	21	15	23	22
Ocean Peaking Power, LP	New Jersey	55938	OPP4	8,054	7,786	19	14	20	20
Pedricktown Cogeneration Plant	New Jersey	10099	001001	8,054	7,786	32	24	35	34
Salem	New Jersey	2410	2001	8,054	7,786	0	0	0	0
Sayreville	New Jersey	2390	012001	8,054	7,786	2	1	2	2
Sayreville	New Jersey	2390	014001	8,054	7,786	3	2	3	3
Sayreville	New Jersey	2390	015001	8,054	7,786	2	1	2	2
Sayreville	New Jersey	2390	016001	8,054	7,786	2	2	3	2
Sewaren Generating Station	New Jersey	2411	1	8,054	7,786	7	5	8	8
Sewaren Generating Station	New Jersey	2411	12001	8,054	7,786	0	0	0	0
Sewaren Generating Station	New Jersey	2411	2	8,054	7,786	8	6	9	9
Sewaren Generating Station	New Jersey	2411	3	8,054	7,786	14	10	15	14
Sewaren Generating Station	New Jersey	2411	4	8,054	7,786	21	15	22	22
Sherman Avenue	New Jersey	7288	1	8,054	7,786	12	9	13	12
Sunoco Power Generation, LLC	New Jersey	50561	0001	8,054	7,786	25	18	27	26
Sunoco Power Generation, LLC	New Jersey	50561	0002	8,054	7,786	44	32	47	46
Werner	New Jersey	2385	009001	8,054	7,786	1	1	1	1
Werner	New Jersey	2385	010001	8,054	7,786	1	1	1	1
Werner	New Jersey	2385	011001	8,054	7,786	1	1	1	1
Werner	New Jersey	2385	012001	8,054	7,786	1	1	1	1
West Station	New Jersey	6776	002001	8,054	7,786	4	3	4	4
23rd and 3rd	New York	7910	2301	20,607	20,607	36	26	24	24
23rd and 3rd	New York	7910	2302	20,607	20,607	33	24	22	22

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Newark Bay Cogen	New Jersey	50385	1001	0	0	0	0	0	0
Newark Bay Cogen	New Jersey	50385	2001	0	0	0	0	0	0
North Jersey Energy Associates	New Jersey	10308	1001		1	1	1	1	1
North Jersey Energy Associates	New Jersey	10308	1002		1	1	1	1	1
Ocean Peaking Power, LP	New Jersey	55938	OPP3	0	0	0	0	0	0
Ocean Peaking Power, LP	New Jersey	55938	OPP4	0	0	0	0	0	0
Pedricktown Cogeneration Plant	New Jersey	10099	001001	1	1	0	0	0	0
Salem	New Jersey	2410	2001						
Sayreville	New Jersey	2390	012001						
Sayreville	New Jersey	2390	014001						
Sayreville	New Jersey	2390	015001						
Sayreville	New Jersey	2390	016001						
Sewaren Generating Station	New Jersey	2411	1	102	69	24	12	7	2
Sewaren Generating Station	New Jersey	2411	12001						
Sewaren Generating Station	New Jersey	2411	2	132	137	170	13	12	6
Sewaren Generating Station	New Jersey	2411	3	133	167	176	26	15	8
Sewaren Generating Station	New Jersey	2411	4	71	170	285	29	30	13
Sherman Avenue	New Jersey	7288	1	1	1	1	1	2	0
Sunoco Power Generation, LLC	New Jersey	50561	0001	0	0	0	0	0	0
Sunoco Power Generation, LLC	New Jersey	50561	0002	0	0	0	0	1	0
Werner	New Jersey	2385	009001						
Werner	New Jersey	2385	010001						
Werner	New Jersey	2385	011001						
Werner	New Jersey	2385	012001						
West Station	New Jersey	6776	002001						
23rd and 3rd	New York	7910	2301	0	0	0	0	0	0
23rd and 3rd	New York	7910	2302	0	0	0	0	0	0

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Newark Bay Cogen	New Jersey	50385	1001	0	1	1			
Newark Bay Cogen	New Jersey	50385	2001	0	0	0			
North Jersey Energy Associates	New Jersey	10308	1001	1	1	1			
North Jersey Energy Associates	New Jersey	10308	1002	1	1	1			
Ocean Peaking Power, LP	New Jersey	55938	OPP3	0	0	0			
Ocean Peaking Power, LP	New Jersey	55938	OPP4	0	0	0			
Pedricktown Cogeneration Plant	New Jersey	10099	001001	1	0	1			
Salem	New Jersey	2410	2001	1	1	1			
Sayreville	New Jersey	2390	012001	1	1	1			
Sayreville	New Jersey	2390	014001	0	0	0			
Sayreville	New Jersey	2390	015001	2	1	2			
Sayreville	New Jersey	2390	016001	1	3	3			
Sewaren Generating Station	New Jersey	2411	1	9	4	102			
Sewaren Generating Station	New Jersey	2411	12001	0		0			
Sewaren Generating Station	New Jersey	2411	2	10	0	170			
Sewaren Generating Station	New Jersey	2411	3	12	17	176			
Sewaren Generating Station	New Jersey	2411	4	16	15	285			
Sherman Avenue	New Jersey	7288	1	0	0	2			
Sunoco Power Generation, LLC	New Jersey	50561	0001	0	0	0			
Sunoco Power Generation, LLC	New Jersey	50561	0002	1	0	1			
Werner	New Jersey	2385	009001	1	2	2			
Werner	New Jersey	2385	010001	1	3	3			
Werner	New Jersey	2385	011001	1	1	1			
Werner	New Jersey	2385	012001	1	2	2			
West Station	New Jersey	6776	002001	1	14	14			
23rd and 3rd	New York	7910	2301	0	0	0			
23rd and 3rd	New York	7910	2302	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Newark Bay Cogen	New Jersey	50385	1001				6	15	17
Newark Bay Cogen	New Jersey	50385	2001				6	12	18
North Jersey Energy Associates	New Jersey	10308	1001				377	98	95
North Jersey Energy Associates	New Jersey	10308	1002				361	138	107
Ocean Peaking Power, LP	New Jersey	55938	OPP3				5	16	14
Ocean Peaking Power, LP	New Jersey	55938	OPP4				4	17	20
Pedricktown Cogeneration Plant	New Jersey	10099	001001				23	29	23
Salem	New Jersey	2410	2001				0	2	1
Sayreville	New Jersey	2390	012001				3	23	1
Sayreville	New Jersey	2390	014001				3	14	2
Sayreville	New Jersey	2390	015001				4	16	5
Sayreville	New Jersey	2390	016001				3	3	
Sewaren Generating Station	New Jersey	2411	1				56	37	14
Sewaren Generating Station	New Jersey	2411	12001				7	9	6
Sewaren Generating Station	New Jersey	2411	2				75	82	108
Sewaren Generating Station	New Jersey	2411	3				136	157	157
Sewaren Generating Station	New Jersey	2411	4				65	136	226
Sherman Avenue	New Jersey	7288	1				22	27	30
Sunoco Power Generation, LLC	New Jersey	50561	0001				21	10	20
Sunoco Power Generation, LLC	New Jersey	50561	0002				10	20	16
Werner	New Jersey	2385	009001				2	17	8
Werner	New Jersey	2385	010001				3	19	6
Werner	New Jersey	2385	011001				2	16	
Werner	New Jersey	2385	012001				3	16	6
West Station	New Jersey	6776	002001				16	41	31
23rd and 3rd	New York	7910	2301				3	3	3
23rd and 3rd	New York	7910	2302				3	2	3

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Newark Bay Cogen	New Jersey	50385	1001	5	9	15	11	20	20
Newark Bay Cogen	New Jersey	50385	2001	1	3	15	13	17	18
North Jersey Energy Associates	New Jersey	10308	1001	81	144	189	161	178	377
North Jersey Energy Associates	New Jersey	10308	1002	79	169	206	182	180	361
Ocean Peaking Power, LP	New Jersey	55938	OPP3	7	13	10	5	19	19
Ocean Peaking Power, LP	New Jersey	55938	OPP4	7	13	9	5	15	20
Pedricktown Cogeneration Plant	New Jersey	10099	001001	12	22	21	16	27	29
Salem	New Jersey	2410	2001	2	3	5	3	5	5
Sayreville	New Jersey	2390	012001	8	4	9	1	2	23
Sayreville	New Jersey	2390	014001	7	7	26	1	2	26
Sayreville	New Jersey	2390	015001	9	7	15	3	3	16
Sayreville	New Jersey	2390	016001	8	6	19	2	5	19
Sewaren Generating Station	New Jersey	2411	1	9	11	6	6	14	56
Sewaren Generating Station	New Jersey	2411	12001	7	3	2	2		9
Sewaren Generating Station	New Jersey	2411	2	17	15	7	9	10	108
Sewaren Generating Station	New Jersey	2411	3	33	31	20	14	25	157
Sewaren Generating Station	New Jersey	2411	4	66	47	28	15	21	226
Sherman Avenue	New Jersey	7288	1	23	27	10	4	2	30
Sunoco Power Generation, LLC	New Jersey	50561	0001	9	16	21	6	2	21
Sunoco Power Generation, LLC	New Jersey	50561	0002	11	28	16	31	16	31
Werner	New Jersey	2385	009001	6	6	2	1	3	17
Werner	New Jersey	2385	010001	6	5	5	2	5	19
Werner	New Jersey	2385	011001		7	7	2	2	16
Werner	New Jersey	2385	012001	5	2	7	1	3	16
West Station	New Jersey	6776	002001	41	14	19	1	10	41
23rd and 3rd	New York	7910	2301	2	5	4	3	4	5
23rd and 3rd	New York	7910	2302	3	5	4	2	4	5

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Newark Bay Cogen	New Jersey	50385	1001						
Newark Bay Cogen	New Jersey	50385	2001						
North Jersey Energy Associates	New Jersey	10308	1001						
North Jersey Energy Associates	New Jersey	10308	1002						
Ocean Peaking Power, LP	New Jersey	55938	OPP3						
Ocean Peaking Power, LP	New Jersey	55938	OPP4						
Pedricktown Cogeneration Plant	New Jersey	10099	001001						
Salem	New Jersey	2410	2001						
Sayreville	New Jersey	2390	012001						
Sayreville	New Jersey	2390	014001						
Sayreville	New Jersey	2390	015001						
Sayreville	New Jersey	2390	016001						
Sewaren Generating Station	New Jersey	2411	1						
Sewaren Generating Station	New Jersey	2411	12001						
Sewaren Generating Station	New Jersey	2411	2						
Sewaren Generating Station	New Jersey	2411	3						
Sewaren Generating Station	New Jersey	2411	4						
Sherman Avenue	New Jersey	7288	1						
Sunoco Power Generation, LLC	New Jersey	50561	0001						
Sunoco Power Generation, LLC	New Jersey	50561	0002						
Werner	New Jersey	2385	009001						
Werner	New Jersey	2385	010001						
Werner	New Jersey	2385	011001						
Werner	New Jersey	2385	012001						
West Station	New Jersey	6776	002001						
23rd and 3rd	New York	7910	2301						
23rd and 3rd	New York	7910	2302						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Newark Bay Cogen	New Jersey	50385	1001	1	1		
Newark Bay Cogen	New Jersey	50385	2001	0	0		
North Jersey Energy Associates	New Jersey	10308	1001	1	1		
North Jersey Energy Associates	New Jersey	10308	1002	1	1		
Ocean Peaking Power, LP	New Jersey	55938	OPP3	0	0		
Ocean Peaking Power, LP	New Jersey	55938	OPP4	0	0		
Pedricktown Cogeneration Plant	New Jersey	10099	001001	1	1		
Salem	New Jersey	2410	2001	0	0		
Sayreville	New Jersey	2390	012001	1	1		
Sayreville	New Jersey	2390	014001	0	0		
Sayreville	New Jersey	2390	015001	2	2		
Sayreville	New Jersey	2390	016001	3	3		
Sewaren Generating Station	New Jersey	2411	1	19	19		
Sewaren Generating Station	New Jersey	2411	12001	0	0		
Sewaren Generating Station	New Jersey	2411	2	22	22		
Sewaren Generating Station	New Jersey	2411	3	35	35		
Sewaren Generating Station	New Jersey	2411	4	55	55		
Sherman Avenue	New Jersey	7288	1	2	2		
Sunoco Power Generation, LLC	New Jersey	50561	0001	0	0		
Sunoco Power Generation, LLC	New Jersey	50561	0002	1	1		
Werner	New Jersey	2385	009001	2	2		
Werner	New Jersey	2385	010001	2	2		
Werner	New Jersey	2385	011001	1	1		
Werner	New Jersey	2385	012001	2	2		
West Station	New Jersey	6776	002001	9	9		
23rd and 3rd	New York	7910	2301	0	0	0	0
23rd and 3rd	New York	7910	2302	0	0	0	0

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Newark Bay Cogen	New Jersey	50385	1001			20	20
Newark Bay Cogen	New Jersey	50385	2001			18	18
North Jersey Energy Associates	New Jersey	10308	1001			182	182
North Jersey Energy Associates	New Jersey	10308	1002			189	189
Ocean Peaking Power, LP	New Jersey	55938	OPP3			19	19
Ocean Peaking Power, LP	New Jersey	55938	OPP4			20	20
Pedricktown Cogeneration Plant	New Jersey	10099	001001			29	29
Salem	New Jersey	2410	2001			0	0
Sayreville	New Jersey	2390	012001			3	3
Sayreville	New Jersey	2390	014001			5	5
Sayreville	New Jersey	2390	015001			4	4
Sayreville	New Jersey	2390	016001			4	4
Sewaren Generating Station	New Jersey	2411	1			13	13
Sewaren Generating Station	New Jersey	2411	12001			0	0
Sewaren Generating Station	New Jersey	2411	2			15	15
Sewaren Generating Station	New Jersey	2411	3			24	24
Sewaren Generating Station	New Jersey	2411	4			38	38
Sherman Avenue	New Jersey	7288	1			21	21
Sunoco Power Generation, LLC	New Jersey	50561	0001			21	21
Sunoco Power Generation, LLC	New Jersey	50561	0002			31	31
Werner	New Jersey	2385	009001			1	1
Werner	New Jersey	2385	010001			2	2
Werner	New Jersey	2385	011001			2	2
Werner	New Jersey	2385	012001			1	1
West Station	New Jersey	6776	002001			6	6
23rd and 3rd	New York	7910	2301	0	0	5	5
23rd and 3rd	New York	7910	2302	0	0	5	5

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Newark Bay Cogen	New Jersey	50385	1001	20	20	20	20
Newark Bay Cogen	New Jersey	50385	2001	18	18	18	18
North Jersey Energy Associates	New Jersey	10308	1001	174	174	174	174
North Jersey Energy Associates	New Jersey	10308	1002	181	181	181	181
Ocean Peaking Power, LP	New Jersey	55938	OPP3	19	19	19	19
Ocean Peaking Power, LP	New Jersey	55938	OPP4	20	20	20	20
Pedricktown Cogeneration Plant	New Jersey	10099	001001	29	29	29	29
Salem	New Jersey	2410	2001	0	0	0	0
Sayreville	New Jersey	2390	012001	3	3	3	3
Sayreville	New Jersey	2390	014001	5	5	5	5
Sayreville	New Jersey	2390	015001	3	3	3	3
Sayreville	New Jersey	2390	016001	4	4	4	4
Sewaren Generating Station	New Jersey	2411	1	13	13	13	13
Sewaren Generating Station	New Jersey	2411	12001	0	0	0	0
Sewaren Generating Station	New Jersey	2411	2	15	15	15	15
Sewaren Generating Station	New Jersey	2411	3	23	23	23	23
Sewaren Generating Station	New Jersey	2411	4	36	36	36	36
Sherman Avenue	New Jersey	7288	1	20	20	20	20
Sunoco Power Generation, LLC	New Jersey	50561	0001	21	21	21	21
Sunoco Power Generation, LLC	New Jersey	50561	0002	31	31	31	31
Werner	New Jersey	2385	009001	1	1	1	1
Werner	New Jersey	2385	010001	2	2	2	2
Werner	New Jersey	2385	011001	1	1	1	1
Werner	New Jersey	2385	012001	1	1	1	1
West Station	New Jersey	6776	002001	6	6	6	6
23rd and 3rd	New York	7910	2301	5	5	5	5
23rd and 3rd	New York	7910	2302	5	5	5	5

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Newark Bay Cogen	New Jersey	50385	1001	263,932	309,483	565,892	585,924	1,174,195	775,337
Newark Bay Cogen	New Jersey	50385	2001	31,964	51,533	503,087	582,452	917,943	667,827
North Jersey Energy Associates	New Jersey	10308	1001	1,549,725	1,966,775	2,008,267	2,274,057	2,453,373	2,245,232
North Jersey Energy Associates	New Jersey	10308	1002	1,515,213	2,096,616	1,929,719	2,465,119	2,508,801	2,356,845
Ocean Peaking Power, LP	New Jersey	55938	OPP3	282,713	571,652	555,279	224,898	1,087,622	738,184
Ocean Peaking Power, LP	New Jersey	55938	OPP4	323,480	576,556	533,595	213,666	888,193	666,115
Pedricktown Cogeneration Plant	New Jersey	10099	001001	663,761	888,443	877,911	629,225	1,338,322	1,034,892
Salem	New Jersey	2410	2001	2,551	4,210	4,904	2,011	7,285	5,466
Sayreville	New Jersey	2390	012001	88,905	27,823	18,366	3,151	15,163	45,031
Sayreville	New Jersey	2390	014001	79,570	47,256	53,172	1,332	17,769	59,999
Sayreville	New Jersey	2390	015001	100,012	44,994	1,762	3,798	18,353	54,453
Sayreville	New Jersey	2390	016001	89,694	39,536	63,226	1,257	22,864	64,152
Sewaren Generating Station	New Jersey	2411	1	177,075	221,732	110,723	56,700	353,514	250,774
Sewaren Generating Station	New Jersey	2411	12001	11,648	5,548	3,438	2,632		6,878
Sewaren Generating Station	New Jersey	2411	2	377,492	287,039	84,621	23,268	282,523	315,685
Sewaren Generating Station	New Jersey	2411	3	598,189	449,263	310,406	57,705	345,656	464,369
Sewaren Generating Station	New Jersey	2411	4	953,300	633,239	502,922	70,832	279,037	696,487
Sherman Avenue	New Jersey	7288	1	470,823	396,089	195,280	70,317	15,996	354,064
Sunoco Power Generation, LLC	New Jersey	50561	0001	614,187	749,357	1,017,729	423,740	49,514	793,758
Sunoco Power Generation, LLC	New Jersey	50561	0002	660,177	1,114,891	657,735	1,582,036	1,130,217	1,275,715
Werner	New Jersey	2385	009001	38,411	38,350	5,666	3,778	13,382	30,048
Werner	New Jersey	2385	010001	42,523	36,494	21,200	3,570	26,314	35,110
Werner	New Jersey	2385	011001		44,687	28,227	6,286	12,885	28,600
Werner	New Jersey	2385	012001	32,925	16,136	25,943	4,132	16,607	25,158
West Station	New Jersey	6776	002001	104,659	59,189	96,478	1,467	56,008	86,775
23rd and 3rd	New York	7910	2301	327,453	587,236	323,703	243,818	572,921	495,870
23rd and 3rd	New York	7910	2302	423,475	536,508	266,733	182,181	514,556	491,513

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Newark Bay Cogen	New Jersey	50385	1001	151,433,823	0.005120	4,045	3,656	21	19
Newark Bay Cogen	New Jersey	50385	2001	151,433,823	0.004410	4,045	3,656	18	16
North Jersey Energy Associates	New Jersey	10308	1001	151,433,823	0.014826	4,045	3,656	60	54
North Jersey Energy Associates	New Jersey	10308	1002	151,433,823	0.015564	4,045	3,656	63	57
Ocean Peaking Power, LP	New Jersey	55938	OPP3	151,433,823	0.004875	4,045	3,656	20	18
Ocean Peaking Power, LP	New Jersey	55938	OPP4	151,433,823	0.004399	4,045	3,656	18	16
Pedricktown Cogeneration Plant	New Jersey	10099	001001	151,433,823	0.006834	4,045	3,656	28	25
Salem	New Jersey	2410	2001	151,433,823	0.000036	4,045	3,656	0	0
Sayreville	New Jersey	2390	012001	151,433,823	0.000297	4,045	3,656	1	1
Sayreville	New Jersey	2390	014001	151,433,823	0.000396	4,045	3,656	2	1
Sayreville	New Jersey	2390	015001	151,433,823	0.000360	4,045	3,656	1	1
Sayreville	New Jersey	2390	016001	151,433,823	0.000424	4,045	3,656	2	2
Sewaren Generating Station	New Jersey	2411	1	151,433,823	0.001656	4,045	3,656	7	6
Sewaren Generating Station	New Jersey	2411	12001	151,433,823	0.000045	4,045	3,656	0	0
Sewaren Generating Station	New Jersey	2411	2	151,433,823	0.002085	4,045	3,656	8	8
Sewaren Generating Station	New Jersey	2411	3	151,433,823	0.003066	4,045	3,656	12	11
Sewaren Generating Station	New Jersey	2411	4	151,433,823	0.004599	4,045	3,656	19	17
Sherman Avenue	New Jersey	7288	1	151,433,823	0.002338	4,045	3,656	9	9
Sunoco Power Generation, LLC	New Jersey	50561	0001	151,433,823	0.005242	4,045	3,656	21	19
Sunoco Power Generation, LLC	New Jersey	50561	0002	151,433,823	0.008424	4,045	3,656	34	31
Werner	New Jersey	2385	009001	151,433,823	0.000198	4,045	3,656	1	1
Werner	New Jersey	2385	010001	151,433,823	0.000232	4,045	3,656	1	1
Werner	New Jersey	2385	011001	151,433,823	0.000189	4,045	3,656	1	1
Werner	New Jersey	2385	012001	151,433,823	0.000166	4,045	3,656	1	1
West Station	New Jersey	6776	002001	151,433,823	0.000573	4,045	3,656	2	2
23rd and 3rd	New York	7910	2301	338,914,478	0.001463	10,037	10,037	15	15
23rd and 3rd	New York	7910	2302	338,914,478	0.001450	10,037	10,037	15	15

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Newark Bay Cogen	New Jersey	50385	1001	3	10	12	5	5	12
Newark Bay Cogen	New Jersey	50385	2001	4	11	12	1	2	10
North Jersey Energy Associates	New Jersey	10308	1001	167	88	72	70	90	87
North Jersey Energy Associates	New Jersey	10308	1002	162	116	77	69	100	89
Ocean Peaking Power, LP	New Jersey	55938	OPP3	5	11	7	5	9	9
Ocean Peaking Power, LP	New Jersey	55938	OPP4	4	12	11	5	9	8
Pedricktown Cogeneration Plant	New Jersey	10099	001001	14	12	14	9	14	16
Salem	New Jersey	2410	2001	0	2	1	2	3	3
Sayreville	New Jersey	2390	012001	3	23	1	8	4	2
Sayreville	New Jersey	2390	014001	3	14	2	7	7	5
Sayreville	New Jersey	2390	015001	4	16	5	9	7	0
Sayreville	New Jersey	2390	016001	3	3		8	6	6
Sewaren Generating Station	New Jersey	2411	1	38	22	12	8	8	4
Sewaren Generating Station	New Jersey	2411	12001	7	9	6	7	3	2
Sewaren Generating Station	New Jersey	2411	2	47	59	59	16	11	3
Sewaren Generating Station	New Jersey	2411	3	84	100	121	27	22	14
Sewaren Generating Station	New Jersey	2411	4	56	98	134	49	32	22
Sherman Avenue	New Jersey	7288	1	14	18	24	18	12	9
Sunoco Power Generation, LLC	New Jersey	50561	0001	8	6	17	8	11	16
Sunoco Power Generation, LLC	New Jersey	50561	0002	1	17	12	9	16	9
Werner	New Jersey	2385	009001	2	17	8	6	6	1
Werner	New Jersey	2385	010001	3	19	6	6	5	3
Werner	New Jersey	2385	011001	2	16			7	4
Werner	New Jersey	2385	012001	3	16	6	5	2	4
West Station	New Jersey	6776	002001	6	19	24	17	11	17
23rd and 3rd	New York	7910	2301	2	2	2	2	3	2
23rd and 3rd	New York	7910	2302	2	1	2	2	3	1

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Newark Bay Cogen	New Jersey	50385	1001	8	12	12			
Newark Bay Cogen	New Jersey	50385	2001	9	10	12			
North Jersey Energy Associates	New Jersey	10308	1001	98	104	167			
North Jersey Energy Associates	New Jersey	10308	1002	110	104	162			
Ocean Peaking Power, LP	New Jersey	55938	OPP3	4	17	17			
Ocean Peaking Power, LP	New Jersey	55938	OPP4	4	14	14			
Pedricktown Cogeneration Plant	New Jersey	10099	001001	12	22	22			
Salem	New Jersey	2410	2001	1	4	4			
Sayreville	New Jersey	2390	012001	0	2	23			
Sayreville	New Jersey	2390	014001	0	2	14			
Sayreville	New Jersey	2390	015001	0	2	16			
Sayreville	New Jersey	2390	016001	0	2	8			
Sewaren Generating Station	New Jersey	2411	1	2	13	38			
Sewaren Generating Station	New Jersey	2411	12001	2		9			
Sewaren Generating Station	New Jersey	2411	2	1	9	59			
Sewaren Generating Station	New Jersey	2411	3	4	20	121			
Sewaren Generating Station	New Jersey	2411	4	4	19	134			
Sherman Avenue	New Jersey	7288	1	3	1	24			
Sunoco Power Generation, LLC	New Jersey	50561	0001	5	1	17			
Sunoco Power Generation, LLC	New Jersey	50561	0002	20	15	20			
Werner	New Jersey	2385	009001	1	2	17			
Werner	New Jersey	2385	010001	1	4	19			
Werner	New Jersey	2385	011001	1	2	16			
Werner	New Jersey	2385	012001	1	3	16			
West Station	New Jersey	6776	002001	0	10	24			
23rd and 3rd	New York	7910	2301	1	3	3			
23rd and 3rd	New York	7910	2302	1	2	3			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Newark Bay Cogen	New Jersey	50385	1001				12	12
Newark Bay Cogen	New Jersey	50385	2001				12	12
North Jersey Energy Associates	New Jersey	10308	1001				105	105
North Jersey Energy Associates	New Jersey	10308	1002				110	110
Ocean Peaking Power, LP	New Jersey	55938	OPP3				17	17
Ocean Peaking Power, LP	New Jersey	55938	OPP4				14	14
Pedricktown Cogeneration Plant	New Jersey	10099	001001				22	22
Salem	New Jersey	2410	2001				0	0
Sayreville	New Jersey	2390	012001				2	2
Sayreville	New Jersey	2390	014001				3	3
Sayreville	New Jersey	2390	015001				3	3
Sayreville	New Jersey	2390	016001				3	3
Sewaren Generating Station	New Jersey	2411	1				12	12
Sewaren Generating Station	New Jersey	2411	12001				0	0
Sewaren Generating Station	New Jersey	2411	2				15	15
Sewaren Generating Station	New Jersey	2411	3				22	22
Sewaren Generating Station	New Jersey	2411	4				33	33
Sherman Avenue	New Jersey	7288	1				17	17
Sunoco Power Generation, LLC	New Jersey	50561	0001				17	17
Sunoco Power Generation, LLC	New Jersey	50561	0002				20	20
Werner	New Jersey	2385	009001				1	1
Werner	New Jersey	2385	010001				2	2
Werner	New Jersey	2385	011001				1	1
Werner	New Jersey	2385	012001				1	1
West Station	New Jersey	6776	002001				4	4
23rd and 3rd	New York	7910	2301				3	3
23rd and 3rd	New York	7910	2302				3	3

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Newark Bay Cogen	New Jersey	50385	1001	12	12	12	12	Y
Newark Bay Cogen	New Jersey	50385	2001	12	12	12	12	Y
North Jersey Energy Associates	New Jersey	10308	1001	92	92	92	92	Y
North Jersey Energy Associates	New Jersey	10308	1002	96	96	96	96	Y
Ocean Peaking Power, LP	New Jersey	55938	OPP3	17	17	17	17	Y
Ocean Peaking Power, LP	New Jersey	55938	OPP4	14	14	14	14	Y
Pedricktown Cogeneration Plant	New Jersey	10099	001001	22	22	22	22	Y
Salem	New Jersey	2410	2001	0	0	0	0	Y
Sayreville	New Jersey	2390	012001	2	2	2	2	Y
Sayreville	New Jersey	2390	014001	2	2	2	2	Y
Sayreville	New Jersey	2390	015001	2	2	2	2	Y
Sayreville	New Jersey	2390	016001	3	3	3	3	Y
Sewaren Generating Station	New Jersey	2411	1	10	10	10	10	Y
Sewaren Generating Station	New Jersey	2411	12001	0	0	0	0	Y
Sewaren Generating Station	New Jersey	2411	2	13	13	13	13	Y
Sewaren Generating Station	New Jersey	2411	3	19	19	19	19	Y
Sewaren Generating Station	New Jersey	2411	4	28	28	28	28	Y
Sherman Avenue	New Jersey	7288	1	14	14	14	14	Y
Sunoco Power Generation, LLC	New Jersey	50561	0001	17	17	17	17	Y
Sunoco Power Generation, LLC	New Jersey	50561	0002	20	20	20	20	Y
Werner	New Jersey	2385	009001	1	1	1	1	Y
Werner	New Jersey	2385	010001	1	1	1	1	Y
Werner	New Jersey	2385	011001	1	1	1	1	Y
Werner	New Jersey	2385	012001	1	1	1	1	Y
West Station	New Jersey	6776	002001	4	4	4	4	Y
23rd and 3rd	New York	7910	2301	3	3	3	3	Y
23rd and 3rd	New York	7910	2302	3	3	3	3	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Newark Bay Cogen	New Jersey	50385	1001	Y		Y		
Newark Bay Cogen	New Jersey	50385	2001	Y		Y		
North Jersey Energy Associates	New Jersey	10308	1001	Y		Y		
North Jersey Energy Associates	New Jersey	10308	1002	Y		Y		
Ocean Peaking Power, LP	New Jersey	55938	OPP3	Y		Y		
Ocean Peaking Power, LP	New Jersey	55938	OPP4	Y		Y		
Pedricktown Cogeneration Plant	New Jersey	10099	001001	Y		Y		
Salem	New Jersey	2410	2001	Y		Y		
Sayreville	New Jersey	2390	012001	Y		Y		
Sayreville	New Jersey	2390	014001	Y		Y		
Sayreville	New Jersey	2390	015001	Y		Y		
Sayreville	New Jersey	2390	016001	Y		Y		
Sewaren Generating Station	New Jersey	2411	1	Y		Y		
Sewaren Generating Station	New Jersey	2411	12001	Y		Y		
Sewaren Generating Station	New Jersey	2411	2	Y		Y		
Sewaren Generating Station	New Jersey	2411	3	Y		Y		
Sewaren Generating Station	New Jersey	2411	4	Y		Y		
Sherman Avenue	New Jersey	7288	1	Y		Y		
Sunoco Power Generation, LLC	New Jersey	50561	0001	Y		Y		
Sunoco Power Generation, LLC	New Jersey	50561	0002	Y		Y		
Werner	New Jersey	2385	009001	Y		Y		
Werner	New Jersey	2385	010001	Y		Y		
Werner	New Jersey	2385	011001	Y		Y		
Werner	New Jersey	2385	012001	Y		Y		
West Station	New Jersey	6776	002001	Y		Y		
23rd and 3rd	New York	7910	2301	Y		Y		
23rd and 3rd	New York	7910	2302	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
74th Street	New York	2504	120	1714	1,586,147	1,215,461	916,196	1,269,586	1,200,410
74th Street	New York	2504	121	1715	1,573,803	1,843,127	713,145	1,121,972	1,228,275
74th Street	New York	2504	122	1716	1,581,862	843,168	892,771	1,168,740	1,463,307
AES Cayuga, LLC	New York	2535	1	1768	11,682,235	11,585,517	11,010,303	8,143,421	8,622,868
AES Cayuga, LLC	New York	2535	2	1769	11,649,123	11,518,522	10,830,291	8,445,561	9,795,950
AES Greenidge	New York	2527	4	1757	1,286,777	272,758	124,713	17,429	
AES Greenidge	New York	2527	5	1758	1,072,136	249,568	145,073	15,484	
AES Greenidge	New York	2527	6	1759	5,056,599	7,082,666	6,707,595	4,409,207	5,838,307
AES Somerset (Kintigh)	New York	6082	1	2761	49,411,469	51,554,621	49,526,599	33,819,834	42,878,735
AES Westover (Goudey)	New York	2526	13	1756	4,553,503	5,497,883	4,490,714	2,679,831	2,854,723
AG - Energy	New York	10803	1	3598	48,082	6,444			
AG - Energy	New York	10803	2	3599	24,798	457			
Allegany Station No. 133	New York	10619	00001	3562	543,430	645,811	282,554	445,804	413,640
Arthur Kill	New York	2490	20	1610	6,933,880	6,017,743	8,646,371	5,337,777	6,042,045
Arthur Kill	New York	2490	30	1611	4,212,513	10,403,297	5,380,502	5,304,211	4,510,564
Astoria Energy	New York	55375	CT1	4581	7,531,000	11,706,036	8,353,744	11,323,543	11,888,402
Astoria Energy	New York	55375	CT2	4582	7,600,488	11,602,752	7,929,982	12,100,252	11,671,018
Astoria Gas Turbine Power	New York	55243	CT2-1A	3498	71,655	60,754	77,265	24,799	22,185
Astoria Gas Turbine Power	New York	55243	CT2-1B	10215	71,655	60,754	77,265	24,799	22,185
Astoria Gas Turbine Power	New York	55243	CT2-2A	3499	76,309	53,456	103,594	41,310	49,088
Astoria Gas Turbine Power	New York	55243	CT2-2B	10217	76,309	53,456	103,594	41,310	49,088
Astoria Gas Turbine Power	New York	55243	CT2-3A	3500	81,983	38,633	65,089	23,970	23,970
Astoria Gas Turbine Power	New York	55243	CT2-3B	10219	81,983	38,633	65,089	23,970	23,970
Astoria Gas Turbine Power	New York	55243	CT2-4A	3501	86,065	70,444	80,644	30,090	28,815
Astoria Gas Turbine Power	New York	55243	CT2-4B	10221	86,065	70,444	80,644	30,090	28,815
Astoria Gas Turbine Power	New York	55243	CT3-1A	3502	54,446	29,198	124,695	15,300	13,898
Astoria Gas Turbine Power	New York	55243	CT3-1B	10223	54,446	29,198	124,695	15,300	13,898

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
74th Street	New York	2504	120	1,357,065	707,632,553	0.001918	30,235	21,670
74th Street	New York	2504	121	1,548,401	707,632,553	0.002188	30,235	21,670
74th Street	New York	2504	122	1,404,636	707,632,553	0.001985	30,235	21,670
AES Cayuga, LLC	New York	2535	1	11,426,019	707,632,553	0.016147	30,235	21,670
AES Cayuga, LLC	New York	2535	2	11,332,645	707,632,553	0.016015	30,235	21,670
AES Greenidge	New York	2527	4	561,416	707,632,553	0.000793	30,235	21,670
AES Greenidge	New York	2527	5	488,925	707,632,553	0.000691	30,235	21,670
AES Greenidge	New York	2527	6	6,542,856	707,632,553	0.009246	30,235	21,670
AES Somerset (Kintigh)	New York	6082	1	50,164,230	707,632,553	0.070890	30,235	21,670
AES Westover (Goudey)	New York	2526	13	4,847,366	707,632,553	0.006850	30,235	21,670
AG - Energy	New York	10803	1	27,263	707,632,553	0.000039	30,235	21,670
AG - Energy	New York	10803	2	12,628	707,632,553	0.000018	30,235	21,670
Allegany Station No. 133	New York	10619	00001	545,015	707,632,553	0.000770	30,235	21,670
Arthur Kill	New York	2490	20	7,207,432	707,632,553	0.010185	30,235	21,670
Arthur Kill	New York	2490	30	7,029,337	707,632,553	0.009934	30,235	21,670
Astoria Energy	New York	55375	CT1	11,639,327	707,632,553	0.016448	30,235	21,670
Astoria Energy	New York	55375	CT2	11,791,341	707,632,553	0.016663	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT2-1A	69,891	707,632,553	0.000099	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT2-1B	69,891	707,632,553	0.000099	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT2-2A	77,786	707,632,553	0.000110	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT2-2B	77,786	707,632,553	0.000110	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT2-3A	61,901	707,632,553	0.000087	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT2-3B	61,901	707,632,553	0.000087	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT2-4A	79,051	707,632,553	0.000112	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT2-4B	79,051	707,632,553	0.000112	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT3-1A	69,447	707,632,553	0.000098	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT3-1B	69,447	707,632,553	0.000098	30,235	21,670

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
74th Street	New York	2504	120	20,607	20,607	58	42	40	40
74th Street	New York	2504	121	20,607	20,607	66	47	45	45
74th Street	New York	2504	122	20,607	20,607	60	43	41	41
AES Cayuga, LLC	New York	2535	1	20,607	20,607	488	350	333	333
AES Cayuga, LLC	New York	2535	2	20,607	20,607	484	347	330	330
AES Greenidge	New York	2527	4	20,607	20,607	24	17	16	16
AES Greenidge	New York	2527	5	20,607	20,607	21	15	14	14
AES Greenidge	New York	2527	6	20,607	20,607	280	200	191	191
AES Somerset (Kintigh)	New York	6082	1	20,607	20,607	2,143	1,536	1,461	1,461
AES Westover (Goudey)	New York	2526	13	20,607	20,607	207	148	141	141
AG - Energy	New York	10803	1	20,607	20,607	1	1	1	1
AG - Energy	New York	10803	2	20,607	20,607	1	0	0	0
Allegany Station No. 133	New York	10619	00001	20,607	20,607	23	17	16	16
Arthur Kill	New York	2490	20	20,607	20,607	308	221	210	210
Arthur Kill	New York	2490	30	20,607	20,607	300	215	205	205
Astoria Energy	New York	55375	CT1	20,607	20,607	497	356	339	339
Astoria Energy	New York	55375	CT2	20,607	20,607	504	361	343	343
Astoria Gas Turbine Power	New York	55243	CT2-1A	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-1B	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-2A	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-2B	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-3A	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-3B	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-4A	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-4B	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-1A	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-1B	20,607	20,607	3	2	2	2

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
74th Street	New York	2504	120	151	364	309	246	189	143
74th Street	New York	2504	121	274	315	409	244	286	112
74th Street	New York	2504	122	280	337	389	246	131	140
AES Cayuga, LLC	New York	2535	1	2,050	1,530	1,505	675	1,402	1,433
AES Cayuga, LLC	New York	2535	2	2,120	1,513	1,463	658	2,258	1,392
AES Greenidge	New York	2527	4	3,377	1,914	2,146	2,054	398	177
AES Greenidge	New York	2527	5	3,455	1,823	1,963	1,743	351	201
AES Greenidge	New York	2527	6	12,812	12,002	10,244	8,027	2,333	448
AES Somerset (Kintigh)	New York	6082	1	5,672	4,744	3,131	2,573	4,261	3,937
AES Westover (Goudey)	New York	2526	13	9,149	8,466	7,642	6,176	7,233	6,135
AG - Energy	New York	10803	1	0	2	0	0	0	
AG - Energy	New York	10803	2	0	1	0	0		
Allegany Station No. 133	New York	10619	00001	0	0	0	0	0	0
Arthur Kill	New York	2490	20	2	2	3	2	2	3
Arthur Kill	New York	2490	30	1	2	2	1	3	2
Astoria Energy	New York	55375	CT1				2	5	3
Astoria Energy	New York	55375	CT2				2	5	2
Astoria Gas Turbine Power	New York	55243	CT2-1A						
Astoria Gas Turbine Power	New York	55243	CT2-1B						
Astoria Gas Turbine Power	New York	55243	CT2-2A						
Astoria Gas Turbine Power	New York	55243	CT2-2B						
Astoria Gas Turbine Power	New York	55243	CT2-3A						
Astoria Gas Turbine Power	New York	55243	CT2-3B						
Astoria Gas Turbine Power	New York	55243	CT2-4A						
Astoria Gas Turbine Power	New York	55243	CT2-4B						
Astoria Gas Turbine Power	New York	55243	CT3-1A						
Astoria Gas Turbine Power	New York	55243	CT3-1B						

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
74th Street	New York	2504	120	199	190	364				
74th Street	New York	2504	121	176	194	409				
74th Street	New York	2504	122	183	231	389				
AES Cayuga, LLC	New York	2535	1	1,111	5,201	5,201				
AES Cayuga, LLC	New York	2535	2	1,087	5,886	5,886				
AES Greenidge	New York	2527	4	23		3,377				
AES Greenidge	New York	2527	5	21		3,455				
AES Greenidge	New York	2527	6	371	449	12,812				
AES Somerset (Kintigh)	New York	6082	1	5,070	7,618	7,618				
AES Westover (Goudey)	New York	2526	13	2,193	379	9,149				
AG - Energy	New York	10803	1			2				
AG - Energy	New York	10803	2			1				
Allegany Station No. 133	New York	10619	00001	0	0	0				
Arthur Kill	New York	2490	20	2	2	3				
Arthur Kill	New York	2490	30	2	1	3				
Astoria Energy	New York	55375	CT1	4	5	5				
Astoria Energy	New York	55375	CT2	4	4	5				
Astoria Gas Turbine Power	New York	55243	CT2-1A	1	0	1				
Astoria Gas Turbine Power	New York	55243	CT2-1B	1	0	1				
Astoria Gas Turbine Power	New York	55243	CT2-2A	2	1	2				
Astoria Gas Turbine Power	New York	55243	CT2-2B	2	1	2				
Astoria Gas Turbine Power	New York	55243	CT2-3A	1	0	1				
Astoria Gas Turbine Power	New York	55243	CT2-3B	1	0	1				
Astoria Gas Turbine Power	New York	55243	CT2-4A	0	0	0				
Astoria Gas Turbine Power	New York	55243	CT2-4B	0	0	0				
Astoria Gas Turbine Power	New York	55243	CT3-1A	0	0	0				
Astoria Gas Turbine Power	New York	55243	CT3-1B	0	0	0				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
74th Street	New York	2504	120				124	274	216
74th Street	New York	2504	121				215	233	274
74th Street	New York	2504	122				217	249	262
AES Cayuga, LLC	New York	2535	1				1,721	1,469	1,141
AES Cayuga, LLC	New York	2535	2				1,795	1,368	1,146
AES Greenidge	New York	2527	4				698	392	477
AES Greenidge	New York	2527	5				717	375	439
AES Greenidge	New York	2527	6				1,398	1,131	1,173
AES Somerset (Kintigh)	New York	6082	1				5,052	3,513	3,337
AES Westover (Goudey)	New York	2526	13				1,414	1,088	1,002
AG - Energy	New York	10803	1				15	30	10
AG - Energy	New York	10803	2				5	10	3
Allegany Station No. 133	New York	10619	00001				20	11	11
Arthur Kill	New York	2490	20				226	170	367
Arthur Kill	New York	2490	30				97	195	315
Astoria Energy	New York	55375	CT1						
Astoria Energy	New York	55375	CT2						
Astoria Gas Turbine Power	New York	55243	CT2-1A				29	40	54
Astoria Gas Turbine Power	New York	55243	CT2-1B				29	40	54
Astoria Gas Turbine Power	New York	55243	CT2-2A				28	33	54
Astoria Gas Turbine Power	New York	55243	CT2-2B				28	33	54
Astoria Gas Turbine Power	New York	55243	CT2-3A				19	29	69
Astoria Gas Turbine Power	New York	55243	CT2-3B				19	29	69
Astoria Gas Turbine Power	New York	55243	CT2-4A				14	28	71
Astoria Gas Turbine Power	New York	55243	CT2-4B				14	28	71
Astoria Gas Turbine Power	New York	55243	CT3-1A				8	18	56
Astoria Gas Turbine Power	New York	55243	CT3-1B				8	18	56

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
74th Street	New York	2504	120	163	121	93	130	121	274
74th Street	New York	2504	121	158	173	69	110	119	274
74th Street	New York	2504	122	157	82	84	116	137	262
AES Cayuga, LLC	New York	2535	1	1,177	1,231	1,183	937	1,143	1,721
AES Cayuga, LLC	New York	2535	2	1,266	1,344	1,249	1,173	1,475	1,795
AES Greenidge	New York	2527	4	459	90	38	5		698
AES Greenidge	New York	2527	5	384	82	44	5		717
AES Greenidge	New York	2527	6	1,058	674	539	362	561	1,398
AES Somerset (Kintigh)	New York	6082	1	4,307	4,750	4,910	3,748	4,516	5,052
AES Westover (Goudey)	New York	2526	13	868	844	694	213	181	1,414
AG - Energy	New York	10803	1	2	0				30
AG - Energy	New York	10803	2	1	0				10
Allegany Station No. 133	New York	10619	00001	8	10	4	7	6	20
Arthur Kill	New York	2490	20	297	264	314	205	259	367
Arthur Kill	New York	2490	30	193	475	236	258	214	475
Astoria Energy	New York	55375	CT1	101	49	34	46	39	101
Astoria Energy	New York	55375	CT2	91	73	47	42	64	91
Astoria Gas Turbine Power	New York	55243	CT2-1A	18	16	22	7	6	54
Astoria Gas Turbine Power	New York	55243	CT2-1B	18	16	22	7	6	54
Astoria Gas Turbine Power	New York	55243	CT2-2A	19	15	29	12	13	54
Astoria Gas Turbine Power	New York	55243	CT2-2B	19	15	29	12	13	54
Astoria Gas Turbine Power	New York	55243	CT2-3A	20	11	18	6	6	69
Astoria Gas Turbine Power	New York	55243	CT2-3B	20	11	18	6	6	69
Astoria Gas Turbine Power	New York	55243	CT2-4A	21	19	23	8	8	71
Astoria Gas Turbine Power	New York	55243	CT2-4B	21	19	23	8	8	71
Astoria Gas Turbine Power	New York	55243	CT3-1A	13	8	34	4	4	56
Astoria Gas Turbine Power	New York	55243	CT3-1B	13	8	34	4	4	56

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
74th Street	New York	2504	120						
74th Street	New York	2504	121						
74th Street	New York	2504	122						
AES Cayuga, LLC	New York	2535	1						
AES Cayuga, LLC	New York	2535	2						
AES Greenidge	New York	2527	4						
AES Greenidge	New York	2527	5						
AES Greenidge	New York	2527	6						
AES Somerset (Kintigh)	New York	6082	1						
AES Westover (Goudey)	New York	2526	13						
AG - Energy	New York	10803	1						
AG - Energy	New York	10803	2						
Allegany Station No. 133	New York	10619	00001						
Arthur Kill	New York	2490	20						
Arthur Kill	New York	2490	30						
Astoria Energy	New York	55375	CT1						
Astoria Energy	New York	55375	CT2						
Astoria Gas Turbine Power	New York	55243	CT2-1A						
Astoria Gas Turbine Power	New York	55243	CT2-1B						
Astoria Gas Turbine Power	New York	55243	CT2-2A						
Astoria Gas Turbine Power	New York	55243	CT2-2B						
Astoria Gas Turbine Power	New York	55243	CT2-3A						
Astoria Gas Turbine Power	New York	55243	CT2-3B						
Astoria Gas Turbine Power	New York	55243	CT2-4A						
Astoria Gas Turbine Power	New York	55243	CT2-4B						
Astoria Gas Turbine Power	New York	55243	CT3-1A						
Astoria Gas Turbine Power	New York	55243	CT3-1B						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
74th Street	New York	2504	120	116	116	80	80
74th Street	New York	2504	121	132	132	91	91
74th Street	New York	2504	122	120	120	83	83
AES Cayuga, LLC	New York	2535	1	974	974	673	673
AES Cayuga, LLC	New York	2535	2	966	966	667	667
AES Greenidge	New York	2527	4	48	48	33	33
AES Greenidge	New York	2527	5	42	42	29	29
AES Greenidge	New York	2527	6	558	558	385	385
AES Somerset (Kintigh)	New York	6082	1	4,278	4,278	2,953	2,953
AES Westover (Goudey)	New York	2526	13	413	413	285	285
AG - Energy	New York	10803	1	2	2	2	2
AG - Energy	New York	10803	2	1	1	1	1
Allegany Station No. 133	New York	10619	00001	0	0	0	0
Arthur Kill	New York	2490	20	3	3	3	3
Arthur Kill	New York	2490	30	3	3	3	3
Astoria Energy	New York	55375	CT1	5	5	5	5
Astoria Energy	New York	55375	CT2	5	5	5	5
Astoria Gas Turbine Power	New York	55243	CT2-1A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-1B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-2A	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-2B	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-3A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-3B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-4A	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT2-4B	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-1A	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-1B	0	0	0	0

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
74th Street	New York	2504	120	80	80	58	58
74th Street	New York	2504	121	91	91	66	66
74th Street	New York	2504	122	83	83	60	60
AES Cayuga, LLC	New York	2535	1	673	673	487	487
AES Cayuga, LLC	New York	2535	2	667	667	483	483
AES Greenidge	New York	2527	4	33	33	24	24
AES Greenidge	New York	2527	5	29	29	21	21
AES Greenidge	New York	2527	6	385	385	279	279
AES Somerset (Kintigh)	New York	6082	1	2,953	2,953	2,140	2,140
AES Westover (Goudey)	New York	2526	13	285	285	207	207
AG - Energy	New York	10803	1	2	2	1	1
AG - Energy	New York	10803	2	1	1	1	1
Allegany Station No. 133	New York	10619	00001	0	0	20	20
Arthur Kill	New York	2490	20	3	3	307	307
Arthur Kill	New York	2490	30	3	3	300	300
Astoria Energy	New York	55375	CT1	5	5	101	101
Astoria Energy	New York	55375	CT2	5	5	91	91
Astoria Gas Turbine Power	New York	55243	CT2-1A	1	1	3	3
Astoria Gas Turbine Power	New York	55243	CT2-1B	1	1	3	3
Astoria Gas Turbine Power	New York	55243	CT2-2A	2	2	3	3
Astoria Gas Turbine Power	New York	55243	CT2-2B	2	2	3	3
Astoria Gas Turbine Power	New York	55243	CT2-3A	1	1	3	3
Astoria Gas Turbine Power	New York	55243	CT2-3B	1	1	3	3
Astoria Gas Turbine Power	New York	55243	CT2-4A	0	0	3	3
Astoria Gas Turbine Power	New York	55243	CT2-4B	0	0	3	3
Astoria Gas Turbine Power	New York	55243	CT3-1A	0	0	3	3
Astoria Gas Turbine Power	New York	55243	CT3-1B	0	0	3	3

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
74th Street	New York	2504	120	58	58	58	58
74th Street	New York	2504	121	66	66	66	66
74th Street	New York	2504	122	60	60	60	60
AES Cayuga, LLC	New York	2535	1	487	487	487	487
AES Cayuga, LLC	New York	2535	2	483	483	483	483
AES Greenidge	New York	2527	4	24	24	24	24
AES Greenidge	New York	2527	5	21	21	21	21
AES Greenidge	New York	2527	6	279	279	279	279
AES Somerset (Kintigh)	New York	6082	1	2,140	2,140	2,140	2,140
AES Westover (Goudey)	New York	2526	13	207	207	207	207
AG - Energy	New York	10803	1	1	1	1	1
AG - Energy	New York	10803	2	1	1	1	1
Allegany Station No. 133	New York	10619	00001	20	20	20	20
Arthur Kill	New York	2490	20	307	307	307	307
Arthur Kill	New York	2490	30	300	300	300	300
Astoria Energy	New York	55375	CT1	101	101	101	101
Astoria Energy	New York	55375	CT2	91	91	91	91
Astoria Gas Turbine Power	New York	55243	CT2-1A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-1B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-2A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-2B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-3A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-3B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-4A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-4B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-1A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-1B	3	3	3	3

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
74th Street	New York	2504	120	559,476	283,498	102,271	128,759	172,717	338,564
74th Street	New York	2504	121	503,207	599,082	51,726	72,347	285,413	462,567
74th Street	New York	2504	122	500,647	126,742	2,448	38,147	409,787	345,725
AES Cayuga, LLC	New York	2535	1	5,168,454	5,341,017	4,569,822	2,215,977	4,381,373	5,026,431
AES Cayuga, LLC	New York	2535	2	4,782,196	4,846,867	4,648,677	2,448,717	3,994,098	4,759,246
AES Greenidge	New York	2527	4	423,939	122,659	71,616			206,071
AES Greenidge	New York	2527	5	437,130	90,284	79,951			202,455
AES Greenidge	New York	2527	6	2,592,487	2,956,014	2,756,537	1,245,922	2,492,333	2,768,346
AES Somerset (Kintigh)	New York	6082	1	21,048,200	21,988,303	21,733,546	16,451,706	20,930,547	21,590,016
AES Westover (Goudey)	New York	2526	13	1,035,748	2,332,447	1,997,030	298,474	1,484,810	1,938,096
AG - Energy	New York	10803	1	19,088					19,088
AG - Energy	New York	10803	2	11,293	8				5,650
Allegany Station No. 133	New York	10619	00001	448,507	276,998	179,413	85,146	376,462	367,322
Arthur Kill	New York	2490	20	4,320,425	4,271,863	4,749,554	3,775,845	4,884,834	4,651,604
Arthur Kill	New York	2490	30	3,416,298	6,896,164	3,720,413	2,828,486	3,907,067	4,841,215
Astoria Energy	New York	55375	CT1	5,059,213	5,009,165	4,944,609	5,141,761	5,487,491	5,229,489
Astoria Energy	New York	55375	CT2	5,075,829	4,929,405	4,984,674	5,479,644	5,532,884	5,362,786
Astoria Gas Turbine Power	New York	55243	CT2-1A	32,130	20,400	32,895	15,810	11,475	28,475
Astoria Gas Turbine Power	New York	55243	CT2-1B	32,130	20,400	32,895	15,810	11,475	28,475
Astoria Gas Turbine Power	New York	55243	CT2-2A	39,525	17,595	55,590	23,460	21,293	39,525
Astoria Gas Turbine Power	New York	55243	CT2-2B	39,525	17,595	55,590	23,460	21,293	39,525
Astoria Gas Turbine Power	New York	55243	CT2-3A	34,680	12,240	34,935	12,240	9,945	23,524
Astoria Gas Turbine Power	New York	55243	CT2-3B	34,680	12,240	34,935	12,240	9,945	23,524
Astoria Gas Turbine Power	New York	55243	CT2-4A	26,712	17,595	37,485	15,810	11,985	27,264
Astoria Gas Turbine Power	New York	55243	CT2-4B	26,712	17,595	37,485	15,810	11,985	27,264
Astoria Gas Turbine Power	New York	55243	CT3-1A	31,366	11,603	70,316	6,375	9,499	37,762
Astoria Gas Turbine Power	New York	55243	CT3-1B	31,366	11,603	70,316	6,375	9,499	37,762

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
74th Street	New York	2504	120	338,914,478	0.000999	10,037	10,037	10	10
74th Street	New York	2504	121	338,914,478	0.001365	10,037	10,037	14	14
74th Street	New York	2504	122	338,914,478	0.001020	10,037	10,037	10	10
AES Cayuga, LLC	New York	2535	1	338,914,478	0.014831	10,037	10,037	149	149
AES Cayuga, LLC	New York	2535	2	338,914,478	0.014043	10,037	10,037	141	141
AES Greenidge	New York	2527	4	338,914,478	0.000608	10,037	10,037	6	6
AES Greenidge	New York	2527	5	338,914,478	0.000597	10,037	10,037	6	6
AES Greenidge	New York	2527	6	338,914,478	0.008168	10,037	10,037	82	82
AES Somerset (Kintigh)	New York	6082	1	338,914,478	0.063703	10,037	10,037	639	639
AES Westover (Goudey)	New York	2526	13	338,914,478	0.005719	10,037	10,037	57	57
AG - Energy	New York	10803	1	338,914,478	0.000056	10,037	10,037	1	1
AG - Energy	New York	10803	2	338,914,478	0.000017	10,037	10,037	0	0
Allegany Station No. 133	New York	10619	00001	338,914,478	0.001084	10,037	10,037	11	11
Arthur Kill	New York	2490	20	338,914,478	0.013725	10,037	10,037	138	138
Arthur Kill	New York	2490	30	338,914,478	0.014284	10,037	10,037	143	143
Astoria Energy	New York	55375	CT1	338,914,478	0.015430	10,037	10,037	155	155
Astoria Energy	New York	55375	CT2	338,914,478	0.015823	10,037	10,037	159	159
Astoria Gas Turbine Power	New York	55243	CT2-1A	338,914,478	0.000084	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT2-1B	338,914,478	0.000084	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT2-2A	338,914,478	0.000117	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT2-2B	338,914,478	0.000117	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT2-3A	338,914,478	0.000069	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT2-3B	338,914,478	0.000069	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT2-4A	338,914,478	0.000080	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT2-4B	338,914,478	0.000080	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT3-1A	338,914,478	0.000111	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT3-1B	338,914,478	0.000111	10,037	10,037	1	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
74th Street	New York	2504	120	10	94	52	56	28	10
74th Street	New York	2504	121	93	68	82	48	54	4
74th Street	New York	2504	122	85	63	74	47	12	0
AES Cayuga, LLC	New York	2535	1	475	434	493	477	528	472
AES Cayuga, LLC	New York	2535	2	489	381	485	465	506	507
AES Greenidge	New York	2527	4	196	136	228	149	43	21
AES Greenidge	New York	2527	5	210	124	212	157	33	23
AES Greenidge	New York	2527	6	497	435	466	547	245	224
AES Somerset (Kintigh)	New York	6082	1	1,175	1,396	1,217	1,520	2,046	1,631
AES Westover (Goudey)	New York	2526	13	466	408	436	183	336	310
AG - Energy	New York	10803	1	9	9	5	1		
AG - Energy	New York	10803	2	3	3	2	0		
Allegany Station No. 133	New York	10619	00001	8	3	9	7	4	3
Arthur Kill	New York	2490	20	171	72	200	181	186	169
Arthur Kill	New York	2490	30	79	83	165	158	310	142
Astoria Energy	New York	55375	CT1				35	13	17
Astoria Energy	New York	55375	CT2				37	20	28
Astoria Gas Turbine Power	New York	55243	CT2-1A	22	24	41	8	5	8
Astoria Gas Turbine Power	New York	55243	CT2-1B	22	24	41	8	5	8
Astoria Gas Turbine Power	New York	55243	CT2-2A	20	22	41	10	5	14
Astoria Gas Turbine Power	New York	55243	CT2-2B	20	22	41	10	5	14
Astoria Gas Turbine Power	New York	55243	CT2-3A	15	25	49	9	3	9
Astoria Gas Turbine Power	New York	55243	CT2-3B	15	25	49	9	3	9
Astoria Gas Turbine Power	New York	55243	CT2-4A	14	21	47	7	4	9
Astoria Gas Turbine Power	New York	55243	CT2-4B	14	21	47	7	4	9
Astoria Gas Turbine Power	New York	55243	CT3-1A	5	17	43	8	3	17
Astoria Gas Turbine Power	New York	55243	CT3-1B	5	17	43	8	3	17

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
74th Street	New York	2504	120	14	18	94			
74th Street	New York	2504	121	6	27	93			
74th Street	New York	2504	122	4	35	85			
AES Cayuga, LLC	New York	2535	1	186	590	590			
AES Cayuga, LLC	New York	2535	2	375	593	593			
AES Greenidge	New York	2527	4			228			
AES Greenidge	New York	2527	5			212			
AES Greenidge	New York	2527	6	111	226	547			
AES Somerset (Kintigh)	New York	6082	1	2,141	1,797	2,141			
AES Westover (Goudey)	New York	2526	13	20	91	466			
AG - Energy	New York	10803	1			9			
AG - Energy	New York	10803	2			3			
Allegany Station No. 133	New York	10619	00001	1	6	9			
Arthur Kill	New York	2490	20	147	215	215			
Arthur Kill	New York	2490	30	125	192	310			
Astoria Energy	New York	55375	CT1	18	16	35			
Astoria Energy	New York	55375	CT2	18	30	37			
Astoria Gas Turbine Power	New York	55243	CT2-1A	4	3	41			
Astoria Gas Turbine Power	New York	55243	CT2-1B	4	3	41			
Astoria Gas Turbine Power	New York	55243	CT2-2A	6	5	41			
Astoria Gas Turbine Power	New York	55243	CT2-2B	6	5	41			
Astoria Gas Turbine Power	New York	55243	CT2-3A	3	2	49			
Astoria Gas Turbine Power	New York	55243	CT2-3B	3	2	49			
Astoria Gas Turbine Power	New York	55243	CT2-4A	4	3	47			
Astoria Gas Turbine Power	New York	55243	CT2-4B	4	3	47			
Astoria Gas Turbine Power	New York	55243	CT3-1A	2	2	43			
Astoria Gas Turbine Power	New York	55243	CT3-1B	2	2	43			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reappportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reappportionment if BV < (CF and CH))
74th Street	New York	2504	120				14	14
74th Street	New York	2504	121				20	20
74th Street	New York	2504	122				15	15
AES Cayuga, LLC	New York	2535	1				213	213
AES Cayuga, LLC	New York	2535	2				201	201
AES Greenidge	New York	2527	4				9	9
AES Greenidge	New York	2527	5				9	9
AES Greenidge	New York	2527	6				117	117
AES Somerset (Kintigh)	New York	6082	1				913	913
AES Westover (Goudey)	New York	2526	13				82	82
AG - Energy	New York	10803	1				1	1
AG - Energy	New York	10803	2				0	0
Allegany Station No. 133	New York	10619	00001				9	9
Arthur Kill	New York	2490	20				197	197
Arthur Kill	New York	2490	30				205	205
Astoria Energy	New York	55375	CT1				35	35
Astoria Energy	New York	55375	CT2				37	37
Astoria Gas Turbine Power	New York	55243	CT2-1A				1	1
Astoria Gas Turbine Power	New York	55243	CT2-1B				1	1
Astoria Gas Turbine Power	New York	55243	CT2-2A				2	2
Astoria Gas Turbine Power	New York	55243	CT2-2B				2	2
Astoria Gas Turbine Power	New York	55243	CT2-3A				1	1
Astoria Gas Turbine Power	New York	55243	CT2-3B				1	1
Astoria Gas Turbine Power	New York	55243	CT2-4A				1	1
Astoria Gas Turbine Power	New York	55243	CT2-4B				1	1
Astoria Gas Turbine Power	New York	55243	CT3-1A				2	2
Astoria Gas Turbine Power	New York	55243	CT3-1B				2	2

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
74th Street	New York	2504	120	14	14	14	14	Y
74th Street	New York	2504	121	20	20	20	20	Y
74th Street	New York	2504	122	15	15	15	15	Y
AES Cayuga, LLC	New York	2535	1	213	213	213	213	Y
AES Cayuga, LLC	New York	2535	2	201	201	201	201	Y
AES Greenidge	New York	2527	4	9	9	9	9	Y
AES Greenidge	New York	2527	5	9	9	9	9	Y
AES Greenidge	New York	2527	6	117	117	117	117	Y
AES Somerset (Kintigh)	New York	6082	1	913	913	913	913	Y
AES Westover (Goudey)	New York	2526	13	82	82	82	82	Y
AG - Energy	New York	10803	1	1	1	1	1	Y
AG - Energy	New York	10803	2	0	0	0	0	Y
Allegany Station No. 133	New York	10619	00001	9	9	9	9	Y
Arthur Kill	New York	2490	20	197	197	197	197	Y
Arthur Kill	New York	2490	30	205	205	205	205	Y
Astoria Energy	New York	55375	CT1	35	35	35	35	Y
Astoria Energy	New York	55375	CT2	37	37	37	37	Y
Astoria Gas Turbine Power	New York	55243	CT2-1A	1	1	1	1	Y
Astoria Gas Turbine Power	New York	55243	CT2-1B	1	1	1	1	Y
Astoria Gas Turbine Power	New York	55243	CT2-2A	2	2	2	2	Y
Astoria Gas Turbine Power	New York	55243	CT2-2B	2	2	2	2	Y
Astoria Gas Turbine Power	New York	55243	CT2-3A	1	1	1	1	Y
Astoria Gas Turbine Power	New York	55243	CT2-3B	1	1	1	1	Y
Astoria Gas Turbine Power	New York	55243	CT2-4A	1	1	1	1	Y
Astoria Gas Turbine Power	New York	55243	CT2-4B	1	1	1	1	Y
Astoria Gas Turbine Power	New York	55243	CT3-1A	2	2	2	2	Y
Astoria Gas Turbine Power	New York	55243	CT3-1B	2	2	2	2	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
74th Street	New York	2504	120	Y		Y		
74th Street	New York	2504	121	Y		Y		
74th Street	New York	2504	122	Y		Y		
AES Cayuga, LLC	New York	2535	1	Y		Y		
AES Cayuga, LLC	New York	2535	2	Y		Y		
AES Greenidge	New York	2527	4	Y		Y		
AES Greenidge	New York	2527	5	Y		Y		
AES Greenidge	New York	2527	6	Y		Y		
AES Somerset (Kintigh)	New York	6082	1	Y		Y		
AES Westover (Goudey)	New York	2526	13	Y		Y		
AG - Energy	New York	10803	1	Y		Y		
AG - Energy	New York	10803	2	Y		Y		
Allegany Station No. 133	New York	10619	00001	Y		Y		
Arthur Kill	New York	2490	20	Y		Y		
Arthur Kill	New York	2490	30	Y		Y		
Astoria Energy	New York	55375	CT1	Y		Y		
Astoria Energy	New York	55375	CT2	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-1A	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-1B	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-2A	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-2B	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-3A	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-3B	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-4A	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-4B	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-1A	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-1B	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Astoria Gas Turbine Power	New York	55243	CT3-2A	3503	84,471	58,334	74,906	31,875	39,525
Astoria Gas Turbine Power	New York	55243	CT3-2B	10225	84,471	58,334	74,906	31,875	39,525
Astoria Gas Turbine Power	New York	55243	CT3-3A	3504	72,229	48,256	79,305	16,065	12,623
Astoria Gas Turbine Power	New York	55243	CT3-3B	10227	72,229	48,256	79,305	16,065	12,623
Astoria Gas Turbine Power	New York	55243	CT3-4A	3505	42,843	42,582	99,450	50,108	47,813
Astoria Gas Turbine Power	New York	55243	CT3-4B	10229	42,269	42,582	102,255	50,108	47,813
Astoria Gas Turbine Power	New York	55243	CT4-1A	3506	122,338	96,581	52,658	20,400	19,763
Astoria Gas Turbine Power	New York	55243	CT4-1B	10231	122,338	96,581	52,658	20,400	19,763
Astoria Gas Turbine Power	New York	55243	CT4-2A	3507	84,599	79,114	40,800	23,460	21,994
Astoria Gas Turbine Power	New York	55243	CT4-2B	10233	84,599	79,114	44,115	23,460	21,994
Astoria Gas Turbine Power	New York	55243	CT4-3A	3508	95,179	75,289	56,610	21,420	21,484
Astoria Gas Turbine Power	New York	55243	CT4-3B	10235	95,179	75,289	56,610	21,420	21,484
Astoria Gas Turbine Power	New York	55243	CT4-4A	3509	90,018	43,605	139,485	60,945	58,841
Astoria Gas Turbine Power	New York	55243	CT4-4B	10237	90,018	43,605	139,485	60,945	58,841
Astoria Generating Station	New York	8906	20	3485	474,341	254,891	533,422	145,040	632,101
Astoria Generating Station	New York	8906	31RH	90457				3,383,075	4,506,592
Astoria Generating Station	New York	8906	32SH	90458				3,012,790	4,049,671
Astoria Generating Station	New York	8906	41SH	90459				3,676,576	4,009,901
Astoria Generating Station	New York	8906	42RH	90460				3,097,306	3,400,901
Astoria Generating Station	New York	8906	51RH	90461				2,208,031	2,453,321
Astoria Generating Station	New York	8906	52SH	90462				2,068,598	2,367,079
Athens Generating Company	New York	55405	1	8542	9,694,998	8,736,421	14,600,315	15,701,469	15,558,762
Athens Generating Company	New York	55405	2	8544	9,697,607	13,019,062	11,342,062	11,180,133	12,689,202
Athens Generating Company	New York	55405	3	8546	11,835,034	13,247,036	15,167,250	13,506,705	14,161,755
Batavia Energy	New York	54593	1	3784	141,285	163,433	46,615	264,456	302,143
Bayswater Peaking Facility	New York	55699	1	8958	978,652	649,974	459,003	251,066	674,680
Bayswater Peaking Facility	New York	55699	2	88310	227,410	231,357	92,531	99,296	209,567

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Astoria Gas Turbine Power	New York	55243	CT3-2A	72,571	707,632,553	0.000103	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT3-2B	72,571	707,632,553	0.000103	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT3-3A	66,597	707,632,553	0.000094	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT3-3B	66,597	707,632,553	0.000094	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT3-4A	65,790	707,632,553	0.000093	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT3-4B	66,725	707,632,553	0.000094	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT4-1A	90,526	707,632,553	0.000128	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT4-1B	90,526	707,632,553	0.000128	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT4-2A	68,171	707,632,553	0.000096	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT4-2B	69,276	707,632,553	0.000098	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT4-3A	75,693	707,632,553	0.000107	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT4-3B	75,693	707,632,553	0.000107	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT4-4A	96,816	707,632,553	0.000137	30,235	21,670
Astoria Gas Turbine Power	New York	55243	CT4-4B	96,816	707,632,553	0.000137	30,235	21,670
Astoria Generating Station	New York	8906	20	546,621	707,632,553	0.000772	30,235	21,670
Astoria Generating Station	New York	8906	31RH	3,944,833	707,632,553	0.005575	30,235	21,670
Astoria Generating Station	New York	8906	32SH	3,531,231	707,632,553	0.004990	30,235	21,670
Astoria Generating Station	New York	8906	41SH	3,843,239	707,632,553	0.005431	30,235	21,670
Astoria Generating Station	New York	8906	42RH	3,249,103	707,632,553	0.004592	30,235	21,670
Astoria Generating Station	New York	8906	51RH	2,330,676	707,632,553	0.003294	30,235	21,670
Astoria Generating Station	New York	8906	52SH	2,217,838	707,632,553	0.003134	30,235	21,670
Athens Generating Company	New York	55405	1	15,286,848	707,632,553	0.021603	30,235	21,670
Athens Generating Company	New York	55405	2	12,350,109	707,632,553	0.017453	30,235	21,670
Athens Generating Company	New York	55405	3	14,278,570	707,632,553	0.020178	30,235	21,670
Batavia Energy	New York	54593	1	243,344	707,632,553	0.000344	30,235	21,670
Bayswater Peaking Facility	New York	55699	1	767,768	707,632,553	0.001085	30,235	21,670
Bayswater Peaking Facility	New York	55699	2	222,778	707,632,553	0.000315	30,235	21,670

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Astoria Gas Turbine Power	New York	55243	CT3-2A	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-2B	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-3A	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-3B	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-4A	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-4B	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-1A	20,607	20,607	4	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-1B	20,607	20,607	4	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-2A	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-2B	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-3A	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-3B	20,607	20,607	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-4A	20,607	20,607	4	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-4B	20,607	20,607	4	3	3	3
Astoria Generating Station	New York	8906	20	20,607	20,607	23	17	16	16
Astoria Generating Station	New York	8906	31RH	20,607	20,607	169	121	115	115
Astoria Generating Station	New York	8906	32SH	20,607	20,607	151	108	103	103
Astoria Generating Station	New York	8906	41SH	20,607	20,607	164	118	112	112
Astoria Generating Station	New York	8906	42RH	20,607	20,607	139	99	95	95
Astoria Generating Station	New York	8906	51RH	20,607	20,607	100	71	68	68
Astoria Generating Station	New York	8906	52SH	20,607	20,607	95	68	65	65
Athens Generating Company	New York	55405	1	20,607	20,607	653	468	445	445
Athens Generating Company	New York	55405	2	20,607	20,607	528	378	360	360
Athens Generating Company	New York	55405	3	20,607	20,607	610	437	416	416
Batavia Energy	New York	54593	1	20,607	20,607	10	7	7	7
Bayswater Peaking Facility	New York	55699	1	20,607	20,607	33	24	22	22
Bayswater Peaking Facility	New York	55699	2	20,607	20,607	10	7	6	6

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Astoria Gas Turbine Power	New York	55243	CT3-2A						
Astoria Gas Turbine Power	New York	55243	CT3-2B						
Astoria Gas Turbine Power	New York	55243	CT3-3A						
Astoria Gas Turbine Power	New York	55243	CT3-3B						
Astoria Gas Turbine Power	New York	55243	CT3-4A						
Astoria Gas Turbine Power	New York	55243	CT3-4B						
Astoria Gas Turbine Power	New York	55243	CT4-1A						
Astoria Gas Turbine Power	New York	55243	CT4-1B						
Astoria Gas Turbine Power	New York	55243	CT4-2A						
Astoria Gas Turbine Power	New York	55243	CT4-2B						
Astoria Gas Turbine Power	New York	55243	CT4-3A						
Astoria Gas Turbine Power	New York	55243	CT4-3B						
Astoria Gas Turbine Power	New York	55243	CT4-4A						
Astoria Gas Turbine Power	New York	55243	CT4-4B						
Astoria Generating Station	New York	8906	20	0	0	0	0	0	0
Astoria Generating Station	New York	8906	31RH						
Astoria Generating Station	New York	8906	32SH						
Astoria Generating Station	New York	8906	41SH						
Astoria Generating Station	New York	8906	42RH						
Astoria Generating Station	New York	8906	51RH						
Astoria Generating Station	New York	8906	52SH						
Athens Generating Company	New York	55405	1	1	2	1	3	3	4
Athens Generating Company	New York	55405	2	1	2	3	3	4	3
Athens Generating Company	New York	55405	3	1	2	3	4	4	5
Batavia Energy	New York	54593	1	0	0	0	0	0	0
Bayswater Peaking Facility	New York	55699	1	0	0	0	0	0	0
Bayswater Peaking Facility	New York	55699	2	4	3	7	5	5	2

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Astoria Gas Turbine Power	New York	55243	CT3-2A	1	1	1			
Astoria Gas Turbine Power	New York	55243	CT3-2B	1	1	1			
Astoria Gas Turbine Power	New York	55243	CT3-3A	0	0	0			
Astoria Gas Turbine Power	New York	55243	CT3-3B	0	0	0			
Astoria Gas Turbine Power	New York	55243	CT3-4A	1	1	1			
Astoria Gas Turbine Power	New York	55243	CT3-4B	1	1	1			
Astoria Gas Turbine Power	New York	55243	CT4-1A	0	1	1			
Astoria Gas Turbine Power	New York	55243	CT4-1B	0	1	1			
Astoria Gas Turbine Power	New York	55243	CT4-2A	0	1	1			
Astoria Gas Turbine Power	New York	55243	CT4-2B	0	1	1			
Astoria Gas Turbine Power	New York	55243	CT4-3A	0	1	1			
Astoria Gas Turbine Power	New York	55243	CT4-3B	0	1	1			
Astoria Gas Turbine Power	New York	55243	CT4-4A	1	2	2			
Astoria Gas Turbine Power	New York	55243	CT4-4B	1	2	2			
Astoria Generating Station	New York	8906	20	0	0	0			
Astoria Generating Station	New York	8906	31RH	60	35	60			
Astoria Generating Station	New York	8906	32SH	58	32	58			
Astoria Generating Station	New York	8906	41SH	52	57	57			
Astoria Generating Station	New York	8906	42RH	52	56	56			
Astoria Generating Station	New York	8906	51RH	44	20	44			
Astoria Generating Station	New York	8906	52SH	43	20	43			
Athens Generating Company	New York	55405	1	5	5	5			
Athens Generating Company	New York	55405	2	3	4	4			
Athens Generating Company	New York	55405	3	4	4	5			
Batavia Energy	New York	54593	1	0	0	0			
Bayswater Peaking Facility	New York	55699	1	0	0	0			
Bayswater Peaking Facility	New York	55699	2	2	3	7			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Astoria Gas Turbine Power	New York	55243	CT3-2A				10	15	57
Astoria Gas Turbine Power	New York	55243	CT3-2B				10	15	57
Astoria Gas Turbine Power	New York	55243	CT3-3A				9	22	56
Astoria Gas Turbine Power	New York	55243	CT3-3B				9	22	56
Astoria Gas Turbine Power	New York	55243	CT3-4A				8	23	51
Astoria Gas Turbine Power	New York	55243	CT3-4B				8	23	48
Astoria Gas Turbine Power	New York	55243	CT4-1A				10	40	58
Astoria Gas Turbine Power	New York	55243	CT4-1B				10	40	58
Astoria Gas Turbine Power	New York	55243	CT4-2A				14	33	50
Astoria Gas Turbine Power	New York	55243	CT4-2B				14	33	54
Astoria Gas Turbine Power	New York	55243	CT4-3A				4	30	50
Astoria Gas Turbine Power	New York	55243	CT4-3B				4	30	50
Astoria Gas Turbine Power	New York	55243	CT4-4A				5	23	53
Astoria Gas Turbine Power	New York	55243	CT4-4B				5	23	53
Astoria Generating Station	New York	8906	20				59	57	83
Astoria Generating Station	New York	8906	31RH						
Astoria Generating Station	New York	8906	32SH						
Astoria Generating Station	New York	8906	41SH						
Astoria Generating Station	New York	8906	42RH						
Astoria Generating Station	New York	8906	51RH						
Astoria Generating Station	New York	8906	52SH						
Athens Generating Company	New York	55405	1				78	43	28
Athens Generating Company	New York	55405	2				77	50	39
Athens Generating Company	New York	55405	3				87	42	44
Batavia Energy	New York	54593	1				10	17	28
Bayswater Peaking Facility	New York	55699	1				14	9	4
Bayswater Peaking Facility	New York	55699	2				7	2	4

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Astoria Gas Turbine Power	New York	55243	CT3-2A	21	15	20	9	11	57
Astoria Gas Turbine Power	New York	55243	CT3-2B	21	15	20	9	11	57
Astoria Gas Turbine Power	New York	55243	CT3-3A	18	13	24	5	3	56
Astoria Gas Turbine Power	New York	55243	CT3-3B	18	13	24	5	3	56
Astoria Gas Turbine Power	New York	55243	CT3-4A	11	13	29	15	14	51
Astoria Gas Turbine Power	New York	55243	CT3-4B	11	12	28	14	14	48
Astoria Gas Turbine Power	New York	55243	CT4-1A	30	28	16	5	6	58
Astoria Gas Turbine Power	New York	55243	CT4-1B	30	28	16	5	6	58
Astoria Gas Turbine Power	New York	55243	CT4-2A	23	26	14	7	7	50
Astoria Gas Turbine Power	New York	55243	CT4-2B	21	23	14	6	7	54
Astoria Gas Turbine Power	New York	55243	CT4-3A	24	23	16	6	6	50
Astoria Gas Turbine Power	New York	55243	CT4-3B	24	23	16	6	6	50
Astoria Gas Turbine Power	New York	55243	CT4-4A	22	14	38	17	18	53
Astoria Gas Turbine Power	New York	55243	CT4-4B	22	14	38	17	18	53
Astoria Generating Station	New York	8906	20	40	24	44	12	51	83
Astoria Generating Station	New York	8906	31RH				164	202	202
Astoria Generating Station	New York	8906	32SH				149	192	192
Astoria Generating Station	New York	8906	41SH				104	138	138
Astoria Generating Station	New York	8906	42RH				97	116	116
Astoria Generating Station	New York	8906	51RH				111	92	111
Astoria Generating Station	New York	8906	52SH				98	83	98
Athens Generating Company	New York	55405	1	49	37	60	55	52	78
Athens Generating Company	New York	55405	2	46	54	50	46	40	77
Athens Generating Company	New York	55405	3	62	55	61	55	56	87
Batavia Energy	New York	54593	1	9	10	3	15	37	37
Bayswater Peaking Facility	New York	55699	1	5	3	3	2	3	14
Bayswater Peaking Facility	New York	55699	2	4	4	2	3	3	7

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Astoria Gas Turbine Power	New York	55243	CT3-2A						
Astoria Gas Turbine Power	New York	55243	CT3-2B						
Astoria Gas Turbine Power	New York	55243	CT3-3A						
Astoria Gas Turbine Power	New York	55243	CT3-3B						
Astoria Gas Turbine Power	New York	55243	CT3-4A						
Astoria Gas Turbine Power	New York	55243	CT3-4B						
Astoria Gas Turbine Power	New York	55243	CT4-1A						
Astoria Gas Turbine Power	New York	55243	CT4-1B						
Astoria Gas Turbine Power	New York	55243	CT4-2A						
Astoria Gas Turbine Power	New York	55243	CT4-2B						
Astoria Gas Turbine Power	New York	55243	CT4-3A						
Astoria Gas Turbine Power	New York	55243	CT4-3B						
Astoria Gas Turbine Power	New York	55243	CT4-4A						
Astoria Gas Turbine Power	New York	55243	CT4-4B						
Astoria Generating Station	New York	8906	20						
Astoria Generating Station	New York	8906	31RH						
Astoria Generating Station	New York	8906	32SH						
Astoria Generating Station	New York	8906	41SH						
Astoria Generating Station	New York	8906	42RH						
Astoria Generating Station	New York	8906	51RH						
Astoria Generating Station	New York	8906	52SH						
Athens Generating Company	New York	55405	1						
Athens Generating Company	New York	55405	2						
Athens Generating Company	New York	55405	3						
Batavia Energy	New York	54593	1						
Bayswater Peaking Facility	New York	55699	1						
Bayswater Peaking Facility	New York	55699	2						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Astoria Gas Turbine Power	New York	55243	CT3-2A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-2B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-3A	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-3B	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-4A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-4B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-1A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-1B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-2A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-2B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-3A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-3B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-4A	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-4B	2	2	2	2
Astoria Generating Station	New York	8906	20	0	0	0	0
Astoria Generating Station	New York	8906	31RH	60	60	60	60
Astoria Generating Station	New York	8906	32SH	58	58	58	58
Astoria Generating Station	New York	8906	41SH	57	57	57	57
Astoria Generating Station	New York	8906	42RH	56	56	56	56
Astoria Generating Station	New York	8906	51RH	44	44	44	44
Astoria Generating Station	New York	8906	52SH	43	43	43	43
Athens Generating Company	New York	55405	1	5	5	5	5
Athens Generating Company	New York	55405	2	4	4	4	4
Athens Generating Company	New York	55405	3	5	5	5	5
Batavia Energy	New York	54593	1	0	0	0	0
Bayswater Peaking Facility	New York	55699	1	0	0	0	0
Bayswater Peaking Facility	New York	55699	2	7	7	7	7

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Calculation							
Astoria Gas Turbine Power	New York	55243	CT3-2A	1	1	3	3
Astoria Gas Turbine Power	New York	55243	CT3-2B	1	1	3	3
Astoria Gas Turbine Power	New York	55243	CT3-3A	0	0	3	3
Astoria Gas Turbine Power	New York	55243	CT3-3B	0	0	3	3
Astoria Gas Turbine Power	New York	55243	CT3-4A	1	1	3	3
Astoria Gas Turbine Power	New York	55243	CT3-4B	1	1	3	3
Astoria Gas Turbine Power	New York	55243	CT4-1A	1	1	4	4
Astoria Gas Turbine Power	New York	55243	CT4-1B	1	1	4	4
Astoria Gas Turbine Power	New York	55243	CT4-2A	1	1	3	3
Astoria Gas Turbine Power	New York	55243	CT4-2B	1	1	3	3
Astoria Gas Turbine Power	New York	55243	CT4-3A	1	1	3	3
Astoria Gas Turbine Power	New York	55243	CT4-3B	1	1	3	3
Astoria Gas Turbine Power	New York	55243	CT4-4A	2	2	4	4
Astoria Gas Turbine Power	New York	55243	CT4-4B	2	2	4	4
Astoria Generating Station	New York	8906	20	0	0	23	23
Astoria Generating Station	New York	8906	31RH	60	60	168	168
Astoria Generating Station	New York	8906	32SH	58	58	151	151
Astoria Generating Station	New York	8906	41SH	57	57	138	138
Astoria Generating Station	New York	8906	42RH	56	56	116	116
Astoria Generating Station	New York	8906	51RH	44	44	99	99
Astoria Generating Station	New York	8906	52SH	43	43	95	95
Athens Generating Company	New York	55405	1	5	5	78	78
Athens Generating Company	New York	55405	2	4	4	77	77
Athens Generating Company	New York	55405	3	5	5	87	87
Batavia Energy	New York	54593	1	0	0	10	10
Bayswater Peaking Facility	New York	55699	1	0	0	14	14
Bayswater Peaking Facility	New York	55699	2	7	7	7	7

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Astoria Gas Turbine Power	New York	55243	CT3-2A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-2B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-3A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-3B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-4A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-4B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-1A	4	4	4	4
Astoria Gas Turbine Power	New York	55243	CT4-1B	4	4	4	4
Astoria Gas Turbine Power	New York	55243	CT4-2A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-2B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-3A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-3B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-4A	4	4	4	4
Astoria Gas Turbine Power	New York	55243	CT4-4B	4	4	4	4
Astoria Generating Station	New York	8906	20	23	23	23	23
Astoria Generating Station	New York	8906	31RH	168	168	168	168
Astoria Generating Station	New York	8906	32SH	151	151	151	151
Astoria Generating Station	New York	8906	41SH	138	138	138	138
Astoria Generating Station	New York	8906	42RH	116	116	116	116
Astoria Generating Station	New York	8906	51RH	99	99	99	99
Astoria Generating Station	New York	8906	52SH	95	95	95	95
Athens Generating Company	New York	55405	1	78	78	78	78
Athens Generating Company	New York	55405	2	77	77	77	77
Athens Generating Company	New York	55405	3	87	87	87	87
Batavia Energy	New York	54593	1	10	10	10	10
Bayswater Peaking Facility	New York	55699	1	14	14	14	14
Bayswater Peaking Facility	New York	55699	2	7	7	7	7

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Astoria Gas Turbine Power	New York	55243	CT3-2A	44,053	22,249	42,585	14,535	19,061	36,296
Astoria Gas Turbine Power	New York	55243	CT3-2B	44,053	22,249	42,585	14,535	19,061	36,296
Astoria Gas Turbine Power	New York	55243	CT3-3A	39,844	17,847	26,265	8,415	8,033	27,985
Astoria Gas Turbine Power	New York	55243	CT3-3B	39,844	17,847	26,265	8,415	8,033	27,985
Astoria Gas Turbine Power	New York	55243	CT3-4A	17,405	18,870	57,630	22,695	20,783	33,703
Astoria Gas Turbine Power	New York	55243	CT3-4B	16,831	18,870	60,435	22,695	20,783	34,638
Astoria Gas Turbine Power	New York	55243	CT4-1A	50,745	34,425	26,584	13,770	11,156	37,251
Astoria Gas Turbine Power	New York	55243	CT4-1B	50,745	34,425	26,584	13,770	11,156	37,251
Astoria Gas Turbine Power	New York	55243	CT4-2A	27,923	31,875	17,850	13,005	13,834	25,883
Astoria Gas Turbine Power	New York	55243	CT4-2B	27,923	31,875	21,165	13,005	13,834	26,988
Astoria Gas Turbine Power	New York	55243	CT4-3A	30,345	23,715	23,460	13,515	11,794	25,840
Astoria Gas Turbine Power	New York	55243	CT4-3B	30,345	23,715	23,460	13,515	11,794	25,840
Astoria Gas Turbine Power	New York	55243	CT4-4A	47,494	9,945	68,595	26,010	27,986	48,025
Astoria Gas Turbine Power	New York	55243	CT4-4B	47,494	9,945	68,595	26,010	27,986	48,025
Astoria Generating Station	New York	8906	20	421,793	118,868	371,163	125,131	607,670	466,876
Astoria Generating Station	New York	8906	31RH				1,693,339	2,455,953	2,074,646
Astoria Generating Station	New York	8906	32SH				1,489,817	2,227,274	1,858,546
Astoria Generating Station	New York	8906	41SH				1,546,802	2,409,094	1,977,948
Astoria Generating Station	New York	8906	42RH				1,268,444	2,034,449	1,651,446
Astoria Generating Station	New York	8906	51RH				1,111,215	2,063,017	1,587,116
Astoria Generating Station	New York	8906	52SH				1,047,797	1,983,779	1,515,788
Athens Generating Company	New York	55405	1	4,475,169	4,681,671	6,090,885	6,243,884	6,105,286	6,146,685
Athens Generating Company	New York	55405	2	4,595,714	5,719,725	4,870,814	5,490,681	7,579,167	6,263,191
Athens Generating Company	New York	55405	3	5,110,087	4,147,586	5,539,609	5,627,870	6,383,486	5,850,321
Batavia Energy	New York	54593	1	125,046	124,528	26,424	113,124	290,473	180,016
Bayswater Peaking Facility	New York	55699	1	619,109	487,717	358,094	196,816	442,076	516,300
Bayswater Peaking Facility	New York	55699	2	146,453	132,479	41,283	25,104	152,461	143,798

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Astoria Gas Turbine Power	New York	55243	CT3-2A	338,914,478	0.000107	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT3-2B	338,914,478	0.000107	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT3-3A	338,914,478	0.000083	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT3-3B	338,914,478	0.000083	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT3-4A	338,914,478	0.000099	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT3-4B	338,914,478	0.000102	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT4-1A	338,914,478	0.000110	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT4-1B	338,914,478	0.000110	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT4-2A	338,914,478	0.000076	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT4-2B	338,914,478	0.000080	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT4-3A	338,914,478	0.000076	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT4-3B	338,914,478	0.000076	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT4-4A	338,914,478	0.000142	10,037	10,037	1	1
Astoria Gas Turbine Power	New York	55243	CT4-4B	338,914,478	0.000142	10,037	10,037	1	1
Astoria Generating Station	New York	8906	20	338,914,478	0.001378	10,037	10,037	14	14
Astoria Generating Station	New York	8906	31RH	338,914,478	0.006121	10,037	10,037	61	61
Astoria Generating Station	New York	8906	32SH	338,914,478	0.005484	10,037	10,037	55	55
Astoria Generating Station	New York	8906	41SH	338,914,478	0.005836	10,037	10,037	59	59
Astoria Generating Station	New York	8906	42RH	338,914,478	0.004873	10,037	10,037	49	49
Astoria Generating Station	New York	8906	51RH	338,914,478	0.004683	10,037	10,037	47	47
Astoria Generating Station	New York	8906	52SH	338,914,478	0.004472	10,037	10,037	45	45
Athens Generating Company	New York	55405	1	338,914,478	0.018136	10,037	10,037	182	182
Athens Generating Company	New York	55405	2	338,914,478	0.018480	10,037	10,037	185	185
Athens Generating Company	New York	55405	3	338,914,478	0.017262	10,037	10,037	173	173
Batavia Energy	New York	54593	1	338,914,478	0.000531	10,037	10,037	5	5
Bayswater Peaking Facility	New York	55699	1	338,914,478	0.001523	10,037	10,037	15	15
Bayswater Peaking Facility	New York	55699	2	338,914,478	0.000424	10,037	10,037	4	4

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Astoria Gas Turbine Power	New York	55243	CT3-2A	7	13	46	11	5	11
Astoria Gas Turbine Power	New York	55243	CT3-2B	7	13	46	11	5	11
Astoria Gas Turbine Power	New York	55243	CT3-3A	7	17	43	10	4	6
Astoria Gas Turbine Power	New York	55243	CT3-3B	7	17	43	10	4	6
Astoria Gas Turbine Power	New York	55243	CT3-4A	6	15	39	5	6	16
Astoria Gas Turbine Power	New York	55243	CT3-4B	6	15	36	4	5	15
Astoria Gas Turbine Power	New York	55243	CT4-1A	9	27	43	13	9	7
Astoria Gas Turbine Power	New York	55243	CT4-1B	9	27	43	13	9	7
Astoria Gas Turbine Power	New York	55243	CT4-2A	13	24	37	8	9	5
Astoria Gas Turbine Power	New York	55243	CT4-2B	13	24	40	7	8	5
Astoria Gas Turbine Power	New York	55243	CT4-3A	4	23	41	7	6	6
Astoria Gas Turbine Power	New York	55243	CT4-3B	4	23	41	7	6	6
Astoria Gas Turbine Power	New York	55243	CT4-4A	5	16	44	12	2	17
Astoria Gas Turbine Power	New York	55243	CT4-4B	5	16	44	12	2	17
Astoria Generating Station	New York	8906	20	57	53	81	35	9	26
Astoria Generating Station	New York	8906	31RH						
Astoria Generating Station	New York	8906	32SH						
Astoria Generating Station	New York	8906	41SH						
Astoria Generating Station	New York	8906	42RH						
Astoria Generating Station	New York	8906	51RH						
Astoria Generating Station	New York	8906	52SH						
Athens Generating Company	New York	55405	1	50	23	8	20	20	25
Athens Generating Company	New York	55405	2	56	25	25	20	22	19
Athens Generating Company	New York	55405	3	50	19	25	22	19	26
Batavia Energy	New York	54593	1	8	6	24	8	7	2
Bayswater Peaking Facility	New York	55699	1	9	4	3	3	2	2
Bayswater Peaking Facility	New York	55699	2	7	2	2	2	2	1

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Astoria Gas Turbine Power	New York	55243	CT3-2A	4	5	46			
Astoria Gas Turbine Power	New York	55243	CT3-2B	4	5	46			
Astoria Gas Turbine Power	New York	55243	CT3-3A	2	2	43			
Astoria Gas Turbine Power	New York	55243	CT3-3B	2	2	43			
Astoria Gas Turbine Power	New York	55243	CT3-4A	6	6	39			
Astoria Gas Turbine Power	New York	55243	CT3-4B	6	5	36			
Astoria Gas Turbine Power	New York	55243	CT4-1A	3	3	43			
Astoria Gas Turbine Power	New York	55243	CT4-1B	3	3	43			
Astoria Gas Turbine Power	New York	55243	CT4-2A	4	4	37			
Astoria Gas Turbine Power	New York	55243	CT4-2B	3	3	40			
Astoria Gas Turbine Power	New York	55243	CT4-3A	3	3	41			
Astoria Gas Turbine Power	New York	55243	CT4-3B	3	3	41			
Astoria Gas Turbine Power	New York	55243	CT4-4A	6	7	44			
Astoria Gas Turbine Power	New York	55243	CT4-4B	6	7	44			
Astoria Generating Station	New York	8906	20	10	48	81			
Astoria Generating Station	New York	8906	31RH	70	116	116			
Astoria Generating Station	New York	8906	32SH	64	116	116			
Astoria Generating Station	New York	8906	41SH	44	79	79			
Astoria Generating Station	New York	8906	42RH	34	65	65			
Astoria Generating Station	New York	8906	51RH	47	75	75			
Astoria Generating Station	New York	8906	52SH	44	67	67			
Athens Generating Company	New York	55405	1	22	20	50			
Athens Generating Company	New York	55405	2	21	22	56			
Athens Generating Company	New York	55405	3	24	23	50			
Batavia Energy	New York	54593	1	6	35	35			
Bayswater Peaking Facility	New York	55699	1	1	2	9			
Bayswater Peaking Facility	New York	55699	2	1	2	7			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Astoria Gas Turbine Power	New York	55243	CT3-2A				2	2
Astoria Gas Turbine Power	New York	55243	CT3-2B				2	2
Astoria Gas Turbine Power	New York	55243	CT3-3A				1	1
Astoria Gas Turbine Power	New York	55243	CT3-3B				1	1
Astoria Gas Turbine Power	New York	55243	CT3-4A				1	1
Astoria Gas Turbine Power	New York	55243	CT3-4B				1	1
Astoria Gas Turbine Power	New York	55243	CT4-1A				2	2
Astoria Gas Turbine Power	New York	55243	CT4-1B				2	2
Astoria Gas Turbine Power	New York	55243	CT4-2A				1	1
Astoria Gas Turbine Power	New York	55243	CT4-2B				1	1
Astoria Gas Turbine Power	New York	55243	CT4-3A				1	1
Astoria Gas Turbine Power	New York	55243	CT4-3B				1	1
Astoria Gas Turbine Power	New York	55243	CT4-4A				2	2
Astoria Gas Turbine Power	New York	55243	CT4-4B				2	2
Astoria Generating Station	New York	8906	20				20	20
Astoria Generating Station	New York	8906	31RH				88	88
Astoria Generating Station	New York	8906	32SH				79	79
Astoria Generating Station	New York	8906	41SH				79	79
Astoria Generating Station	New York	8906	42RH				65	65
Astoria Generating Station	New York	8906	51RH				67	67
Astoria Generating Station	New York	8906	52SH				64	64
Athens Generating Company	New York	55405	1				50	50
Athens Generating Company	New York	55405	2				56	56
Athens Generating Company	New York	55405	3				50	50
Batavia Energy	New York	54593	1				8	8
Bayswater Peaking Facility	New York	55699	1				9	9
Bayswater Peaking Facility	New York	55699	2				6	6

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Astoria Gas Turbine Power	New York	55243	CT3-2A	2	2	2	2	Y
Astoria Gas Turbine Power	New York	55243	CT3-2B	2	2	2	2	Y
Astoria Gas Turbine Power	New York	55243	CT3-3A	1	1	1	1	Y
Astoria Gas Turbine Power	New York	55243	CT3-3B	1	1	1	1	Y
Astoria Gas Turbine Power	New York	55243	CT3-4A	1	1	1	1	Y
Astoria Gas Turbine Power	New York	55243	CT3-4B	1	1	1	1	Y
Astoria Gas Turbine Power	New York	55243	CT4-1A	2	2	2	2	Y
Astoria Gas Turbine Power	New York	55243	CT4-1B	2	2	2	2	Y
Astoria Gas Turbine Power	New York	55243	CT4-2A	1	1	1	1	Y
Astoria Gas Turbine Power	New York	55243	CT4-2B	1	1	1	1	Y
Astoria Gas Turbine Power	New York	55243	CT4-3A	1	1	1	1	Y
Astoria Gas Turbine Power	New York	55243	CT4-3B	1	1	1	1	Y
Astoria Gas Turbine Power	New York	55243	CT4-4A	2	2	2	2	Y
Astoria Gas Turbine Power	New York	55243	CT4-4B	2	2	2	2	Y
Astoria Generating Station	New York	8906	20	20	20	20	20	Y
Astoria Generating Station	New York	8906	31RH	88	88	88	88	Y
Astoria Generating Station	New York	8906	32SH	79	79	79	79	Y
Astoria Generating Station	New York	8906	41SH	79	79	79	79	Y
Astoria Generating Station	New York	8906	42RH	65	65	65	65	Y
Astoria Generating Station	New York	8906	51RH	67	67	67	67	Y
Astoria Generating Station	New York	8906	52SH	64	64	64	64	Y
Athens Generating Company	New York	55405	1	50	50	50	50	Y
Athens Generating Company	New York	55405	2	56	56	56	56	Y
Athens Generating Company	New York	55405	3	50	50	50	50	Y
Batavia Energy	New York	54593	1	8	8	8	8	Y
Bayswater Peaking Facility	New York	55699	1	9	9	9	9	Y
Bayswater Peaking Facility	New York	55699	2	6	6	6	6	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Astoria Gas Turbine Power	New York	55243	CT3-2A	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-2B	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-3A	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-3B	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-4A	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-4B	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-1A	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-1B	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-2A	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-2B	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-3A	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-3B	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-4A	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-4B	Y		Y		
Astoria Generating Station	New York	8906	20	Y		Y		
Astoria Generating Station	New York	8906	31RH	Y		Y		
Astoria Generating Station	New York	8906	32SH	Y		Y		
Astoria Generating Station	New York	8906	41SH	Y		Y		
Astoria Generating Station	New York	8906	42RH	Y		Y		
Astoria Generating Station	New York	8906	51RH	Y		Y		
Astoria Generating Station	New York	8906	52SH	Y		Y		
Athens Generating Company	New York	55405	1	Y		Y		
Athens Generating Company	New York	55405	2	Y		Y		
Athens Generating Company	New York	55405	3	Y		Y		
Batavia Energy	New York	54593	1	Y		Y		
Bayswater Peaking Facility	New York	55699	1	Y		Y		
Bayswater Peaking Facility	New York	55699	2	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Bethlehem Energy Center (Albany)	New York	2539	10001	1771	2,918,187	3,896,269	6,100,130	8,492,652	10,029,855
Bethlehem Energy Center (Albany)	New York	2539	10002	1772	2,889,830	3,956,992	5,050,161	8,380,050	9,862,484
Bethlehem Energy Center (Albany)	New York	2539	10003	1773	2,365,797	3,486,207	5,183,231	8,634,676	10,431,286
Bethpage Energy Center	New York	50292	GT1	3647	489,191	191,862	568,995	448,398	682,822
Bethpage Energy Center	New York	50292	GT2	3648	140,925	228,321	594,737	374,107	485,191
Bethpage Energy Center	New York	50292	GT3	8438	577,642	407,599	445,635	389,745	502,733
Bethpage Energy Center	New York	50292	GT4	89507	3,960,905	3,225,391	2,755,182	2,669,486	2,092,809
Binghamton Cogen Plant	New York	55600	1	10131	131,142	20,619	33,428	20,848	70,230
Black River Generation, LLC	New York	10464	E0001	3547	2,016,620	1,854,241	2,071,619	358,589	371,382
Black River Generation, LLC	New York	10464	E0002	3548	1,979,491	1,913,908	2,109,623	358,626	404,853
Black River Generation, LLC	New York	10464	E0003	3549	2,033,633	1,924,986	2,062,420	294,020	406,359
Bowline Generating Station	New York	2625	1	1793	2,043,638	5,978,651	2,248,511	1,639,878	2,253,927
Bowline Generating Station	New York	2625	2	1794	1,145,559	1,384,009	830,878	413,967	1,539,715
Brentwood	New York	7912	BW01	8390	1,086,898	1,017,892	861,357	173,872	648,246
Brooklyn Navy Yard Cogeneration	New York	54914	1	3809	9,912,816	9,923,631	10,113,073	10,066,296	8,474,110
Brooklyn Navy Yard Cogeneration	New York	54914	2	3810	8,874,515	8,780,966	8,944,161	9,344,836	10,247,514
Caithness Long Island Energy Center	New York	56234	0001	89547				5,085,851	14,529,949
Carr Street Generating Station	New York	50978	A	3708	98,328	227,419	128,960	81,971	124,716
Carr Street Generating Station	New York	50978	B	3709	105,073	239,418	131,914	82,907	129,144
Carthage Energy	New York	10620	1	3563	104,251	221,785	43,726	42,789	111,011
Castleton Power, LLC	New York	10190	1	3532	1,159,783	2,090,558	780,639	528,908	1,218,628
Charles Poletti	New York	2491	001	1613	21,286,382	20,082,407	23,112,853	17,470,173	1,467,500
Dynergy Danskammer	New York	2480	1	1606	147,153	452,252	57,979	221,334	54,514
Dynergy Danskammer	New York	2480	2	1607	144,522	408,032	100,496	142,576	64,366
Dynergy Danskammer	New York	2480	3	1608	6,710,242	10,190,495	10,107,479	7,936,342	6,938,471
Dynergy Danskammer	New York	2480	4	1609	16,191,955	15,949,677	16,401,971	12,576,757	10,354,382
Dynergy Roseton	New York	8006	1	3400	2,407,118	4,055,160	1,516,634	2,233,028	2,865,302

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Bethlehem Energy Center (Albany)	New York	2539	10001	8,207,545	707,632,553	0.011599	30,235	21,670
Bethlehem Energy Center (Albany)	New York	2539	10002	7,764,232	707,632,553	0.010972	30,235	21,670
Bethlehem Energy Center (Albany)	New York	2539	10003	8,083,064	707,632,553	0.011423	30,235	21,670
Bethpage Energy Center	New York	50292	GT1	580,336	707,632,553	0.000820	30,235	21,670
Bethpage Energy Center	New York	50292	GT2	484,679	707,632,553	0.000685	30,235	21,670
Bethpage Energy Center	New York	50292	GT3	508,670	707,632,553	0.000719	30,235	21,670
Bethpage Energy Center	New York	50292	GT4	3,313,826	707,632,553	0.004683	30,235	21,670
Binghamton Cogen Plant	New York	55600	1	78,267	707,632,553	0.000111	30,235	21,670
Black River Generation, LLC	New York	10464	E0001	1,980,827	707,632,553	0.002799	30,235	21,670
Black River Generation, LLC	New York	10464	E0002	2,001,007	707,632,553	0.002828	30,235	21,670
Black River Generation, LLC	New York	10464	E0003	2,007,013	707,632,553	0.002836	30,235	21,670
Bowline Generating Station	New York	2625	1	3,493,696	707,632,553	0.004937	30,235	21,670
Bowline Generating Station	New York	2625	2	1,356,428	707,632,553	0.001917	30,235	21,670
Brentwood	New York	7912	BW01	988,716	707,632,553	0.001397	30,235	21,670
Brooklyn Navy Yard Cogeneration	New York	54914	1	10,034,333	707,632,553	0.014180	30,235	21,670
Brooklyn Navy Yard Cogeneration	New York	54914	2	9,512,170	707,632,553	0.013442	30,235	21,670
Caithness Long Island Energy Center	New York	56234	0001	9,807,900	707,632,553	0.013860	30,235	21,670
Carr Street Generating Station	New York	50978	A	160,365	707,632,553	0.000227	30,235	21,670
Carr Street Generating Station	New York	50978	B	166,825	707,632,553	0.000236	30,235	21,670
Carthage Energy	New York	10620	1	145,682	707,632,553	0.000206	30,235	21,670
Castleton Power, LLC	New York	10190	1	1,489,656	707,632,553	0.002105	30,235	21,670
Charles Poletti	New York	2491	001	21,493,881	707,632,553	0.030374	30,235	21,670
Dynegy Danskammer	New York	2480	1	273,580	707,632,553	0.000387	30,235	21,670
Dynegy Danskammer	New York	2480	2	231,710	707,632,553	0.000327	30,235	21,670
Dynegy Danskammer	New York	2480	3	9,411,439	707,632,553	0.013300	30,235	21,670
Dynegy Danskammer	New York	2480	4	16,181,201	707,632,553	0.022867	30,235	21,670
Dynegy Roseton	New York	8006	1	3,109,193	707,632,553	0.004394	30,235	21,670

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Bethlehem Energy Center (Albany)	New York	2539	10001	20,607	20,607	351	251	239	239
Bethlehem Energy Center (Albany)	New York	2539	10002	20,607	20,607	332	238	226	226
Bethlehem Energy Center (Albany)	New York	2539	10003	20,607	20,607	345	248	235	235
Bethpage Energy Center	New York	50292	GT1	20,607	20,607	25	18	17	17
Bethpage Energy Center	New York	50292	GT2	20,607	20,607	21	15	14	14
Bethpage Energy Center	New York	50292	GT3	20,607	20,607	22	16	15	15
Bethpage Energy Center	New York	50292	GT4	20,607	20,607	142	101	97	97
Binghamton Cogen Plant	New York	55600	1	20,607	20,607	3	2	2	2
Black River Generation, LLC	New York	10464	E0001	20,607	20,607	85	61	58	58
Black River Generation, LLC	New York	10464	E0002	20,607	20,607	85	61	58	58
Black River Generation, LLC	New York	10464	E0003	20,607	20,607	86	61	58	58
Bowline Generating Station	New York	2625	1	20,607	20,607	149	107	102	102
Bowline Generating Station	New York	2625	2	20,607	20,607	58	42	40	40
Brentwood	New York	7912	BW01	20,607	20,607	42	30	29	29
Brooklyn Navy Yard Cogeneration	New York	54914	1	20,607	20,607	429	307	292	292
Brooklyn Navy Yard Cogeneration	New York	54914	2	20,607	20,607	406	291	277	277
Caithness Long Island Energy Center	New York	56234	0001	20,607	20,607	419	300	286	286
Carr Street Generating Station	New York	50978	A	20,607	20,607	7	5	5	5
Carr Street Generating Station	New York	50978	B	20,607	20,607	7	5	5	5
Carthage Energy	New York	10620	1	20,607	20,607	6	4	4	4
Castleton Power, LLC	New York	10190	1	20,607	20,607	64	46	43	43
Charles Poletti	New York	2491	001	20,607	20,607	918	658	626	626
Dynegy Danskammer	New York	2480	1	20,607	20,607	12	8	8	8
Dynegy Danskammer	New York	2480	2	20,607	20,607	10	7	7	7
Dynegy Danskammer	New York	2480	3	20,607	20,607	402	288	274	274
Dynegy Danskammer	New York	2480	4	20,607	20,607	691	496	471	471
Dynegy Roseton	New York	8006	1	20,607	20,607	133	95	91	91

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Bethlehem Energy Center (Albany)	New York	2539	10001			4	1	1	2
Bethlehem Energy Center (Albany)	New York	2539	10002			1	3	1	2
Bethlehem Energy Center (Albany)	New York	2539	10003			1	2	1	2
Bethpage Energy Center	New York	50292	GT1		1	1	1	0	1
Bethpage Energy Center	New York	50292	GT2		0	1	0	0	1
Bethpage Energy Center	New York	50292	GT3	0	0	0	0	0	0
Bethpage Energy Center	New York	50292	GT4			1	1	1	1
Binghamton Cogen Plant	New York	55600	1	0	0	0	0	0	0
Black River Generation, LLC	New York	10464	E0001						
Black River Generation, LLC	New York	10464	E0002						
Black River Generation, LLC	New York	10464	E0003						
Bowline Generating Station	New York	2625	1	1,859	1,904	1,531	92	435	68
Bowline Generating Station	New York	2625	2	497	306	819	37	99	32
Brentwood	New York	7912	BW01	0	0	0	0	0	0
Brooklyn Navy Yard Cogeneration	New York	54914	1	12	14	8	3	11	6
Brooklyn Navy Yard Cogeneration	New York	54914	2	13	11	8	3	11	6
Caithness Long Island Energy Center	New York	56234	0001						
Carr Street Generating Station	New York	50978	A	0	2	1	0	0	0
Carr Street Generating Station	New York	50978	B	2	2	1	0	1	0
Carthage Energy	New York	10620	1	2	1	0	0	0	0
Castleton Power, LLC	New York	10190	1	8	5	6	0	3	2
Charles Poletti	New York	2491	001	1,610	1,275	1,387	671	612	104
Dynegy Danskammer	New York	2480	1	27	19	676	57	156	21
Dynegy Danskammer	New York	2480	2	62	86	321	54	129	32
Dynegy Danskammer	New York	2480	3	4,218	3,830	3,801	3,076	4,761	4,753
Dynegy Danskammer	New York	2480	4	6,949	6,092	6,258	7,452	7,126	7,670
Dynegy Roseton	New York	8006	1	9,066	11,661	8,748	1,094	1,661	594

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
Bethlehem Energy Center (Albany)	New York	2539	10001	3	3	4				
Bethlehem Energy Center (Albany)	New York	2539	10002	3	3	3				
Bethlehem Energy Center (Albany)	New York	2539	10003	3	3	3				
Bethpage Energy Center	New York	50292	GT1	0	0	1				
Bethpage Energy Center	New York	50292	GT2	0	0	1				
Bethpage Energy Center	New York	50292	GT3	0	0	0				
Bethpage Energy Center	New York	50292	GT4	1	1	1				
Binghamton Cogen Plant	New York	55600	1	0	0	0				
Black River Generation, LLC	New York	10464	E0001	91	82	91				
Black River Generation, LLC	New York	10464	E0002	90	90	90				
Black River Generation, LLC	New York	10464	E0003	76	90	90				
Bowline Generating Station	New York	2625	1	62	2	1,904				
Bowline Generating Station	New York	2625	2	16	2	819				
Brentwood	New York	7912	BW01	0	0	0				
Brooklyn Navy Yard Cogeneration	New York	54914	1	7	3	14				
Brooklyn Navy Yard Cogeneration	New York	54914	2	8	4	13				
Caithness Long Island Energy Center	New York	56234	0001	2	4	4				
Carr Street Generating Station	New York	50978	A	0	0	2				
Carr Street Generating Station	New York	50978	B	0	0	2				
Carthage Energy	New York	10620	1	0	0	2				
Castleton Power, LLC	New York	10190	1	0	0	8				
Charles Poletti	New York	2491	001	220	65	1,610				
Dynegy Danskammer	New York	2480	1	84	15	676				
Dynegy Danskammer	New York	2480	2	50	24	321				
Dynegy Danskammer	New York	2480	3	3,779	3,328	4,761				
Dynegy Danskammer	New York	2480	4	5,936	5,004	7,670				
Dynegy Roseton	New York	8006	1	756	102	11,661				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Bethlehem Energy Center (Albany)	New York	2539	10001						24
Bethlehem Energy Center (Albany)	New York	2539	10002						25
Bethlehem Energy Center (Albany)	New York	2539	10003						40
Bethpage Energy Center	New York	50292	GT1				152	115	29
Bethpage Energy Center	New York	50292	GT2				121	72	30
Bethpage Energy Center	New York	50292	GT3				10	10	6
Bethpage Energy Center	New York	50292	GT4						15
Binghamton Cogen Plant	New York	55600	1				4	1	11
Black River Generation, LLC	New York	10464	E0001				127	125	132
Black River Generation, LLC	New York	10464	E0002				116	130	133
Black River Generation, LLC	New York	10464	E0003				108	128	135
Bowline Generating Station	New York	2625	1				1,396	1,347	1,119
Bowline Generating Station	New York	2625	2				445	275	713
Brentwood	New York	7912	BW01				3	2	4
Brooklyn Navy Yard Cogeneration	New York	54914	1				41	39	34
Brooklyn Navy Yard Cogeneration	New York	54914	2				39	41	33
Caithness Long Island Energy Center	New York	56234	0001						
Carr Street Generating Station	New York	50978	A				2	1	4
Carr Street Generating Station	New York	50978	B				3	2	4
Carthage Energy	New York	10620	1				24	5	9
Castleton Power, LLC	New York	10190	1				75	59	60
Charles Poletti	New York	2491	001				2,201	1,761	2,376
Dynegy Danskammer	New York	2480	1				11	6	189
Dynegy Danskammer	New York	2480	2				23	27	108
Dynegy Danskammer	New York	2480	3				1,163	993	1,098
Dynegy Danskammer	New York	2480	4				2,092	1,594	1,904
Dynegy Roseton	New York	8006	1				2,044	2,571	1,904

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Bethlehem Energy Center (Albany)	New York	2539	10001	17	17	29	35	44	44
Bethlehem Energy Center (Albany)	New York	2539	10002	17	16	25	33	39	39
Bethlehem Energy Center (Albany)	New York	2539	10003	13	15	24	34	40	40
Bethpage Energy Center	New York	50292	GT1	63	21	40	38	41	152
Bethpage Energy Center	New York	50292	GT2	9	15	41	24	33	121
Bethpage Energy Center	New York	50292	GT3	3	4	2	7	4	10
Bethpage Energy Center	New York	50292	GT4	16	14	10	9	7	16
Binghamton Cogen Plant	New York	55600	1	7	2	2	2	4	11
Black River Generation, LLC	New York	10464	E0001	171	153	152	29	34	171
Black River Generation, LLC	New York	10464	E0002	165	158	155	29	38	165
Black River Generation, LLC	New York	10464	E0003	171	157	152	23	38	171
Bowline Generating Station	New York	2625	1	142	508	161	104	144	1,396
Bowline Generating Station	New York	2625	2	73	143	73	29	122	713
Brentwood	New York	7912	BW01	5	5	4	1	3	5
Brooklyn Navy Yard Cogeneration	New York	54914	1	27	40	39	39	33	41
Brooklyn Navy Yard Cogeneration	New York	54914	2	25	37	35	37	37	41
Caithness Long Island Energy Center	New York	56234	0001				16	44	44
Carr Street Generating Station	New York	50978	A	1	3	2	1	2	4
Carr Street Generating Station	New York	50978	B	2	4	2	1	2	4
Carthage Energy	New York	10620	1	7	16	3	3	8	24
Castleton Power, LLC	New York	10190	1	34	57	25	20	51	75
Charles Poletti	New York	2491	001	1,388	1,477	1,631	1,122	119	2,376
Dynegy Danskammer	New York	2480	1	19	65	8	27	7	189
Dynegy Danskammer	New York	2480	2	19	51	11	16	7	108
Dynegy Danskammer	New York	2480	3	820	1,185	1,128	917	862	1,185
Dynegy Danskammer	New York	2480	4	2,444	2,522	2,404	1,707	1,294	2,522
Dynegy Roseton	New York	8006	1	244	440	142	211	133	2,571

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Bethlehem Energy Center (Albany)	New York	2539	10001						
Bethlehem Energy Center (Albany)	New York	2539	10002						
Bethlehem Energy Center (Albany)	New York	2539	10003						
Bethpage Energy Center	New York	50292	GT1						
Bethpage Energy Center	New York	50292	GT2						
Bethpage Energy Center	New York	50292	GT3						
Bethpage Energy Center	New York	50292	GT4						
Binghamton Cogen Plant	New York	55600	1						
Black River Generation, LLC	New York	10464	E0001						
Black River Generation, LLC	New York	10464	E0002						
Black River Generation, LLC	New York	10464	E0003						
Bowline Generating Station	New York	2625	1						
Bowline Generating Station	New York	2625	2						
Brentwood	New York	7912	BW01						
Brooklyn Navy Yard Cogeneration	New York	54914	1						
Brooklyn Navy Yard Cogeneration	New York	54914	2						
Caithness Long Island Energy Center	New York	56234	0001						
Carr Street Generating Station	New York	50978	A						
Carr Street Generating Station	New York	50978	B						
Carthage Energy	New York	10620	1						
Castleton Power, LLC	New York	10190	1						
Charles Poletti	New York	2491	001						
Dynergy Danskammer	New York	2480	1						
Dynergy Danskammer	New York	2480	2						
Dynergy Danskammer	New York	2480	3						
Dynergy Danskammer	New York	2480	4						
Dynergy Roseton	New York	8006	1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Bethlehem Energy Center (Albany)	New York	2539	10001	4	4	4	4
Bethlehem Energy Center (Albany)	New York	2539	10002	3	3	3	3
Bethlehem Energy Center (Albany)	New York	2539	10003	3	3	3	3
Bethpage Energy Center	New York	50292	GT1	1	1	1	1
Bethpage Energy Center	New York	50292	GT2	1	1	1	1
Bethpage Energy Center	New York	50292	GT3	0	0	0	0
Bethpage Energy Center	New York	50292	GT4	1	1	1	1
Binghamton Cogen Plant	New York	55600	1	0	0	0	0
Black River Generation, LLC	New York	10464	E0001	91	91	91	91
Black River Generation, LLC	New York	10464	E0002	90	90	90	90
Black River Generation, LLC	New York	10464	E0003	90	90	90	90
Bowline Generating Station	New York	2625	1	298	298	206	206
Bowline Generating Station	New York	2625	2	116	116	80	80
Brentwood	New York	7912	BW01	0	0	0	0
Brooklyn Navy Yard Cogeneration	New York	54914	1	14	14	14	14
Brooklyn Navy Yard Cogeneration	New York	54914	2	13	13	13	13
Caithness Long Island Energy Center	New York	56234	0001	4	4	4	4
Carr Street Generating Station	New York	50978	A	2	2	2	2
Carr Street Generating Station	New York	50978	B	2	2	2	2
Carthage Energy	New York	10620	1	2	2	2	2
Castleton Power, LLC	New York	10190	1	8	8	8	8
Charles Poletti	New York	2491	001	1,610	1,610	1,265	1,265
Dynegy Danskammer	New York	2480	1	23	23	16	16
Dynegy Danskammer	New York	2480	2	20	20	14	14
Dynegy Danskammer	New York	2480	3	803	803	554	554
Dynegy Danskammer	New York	2480	4	1,380	1,380	953	953
Dynegy Roseton	New York	8006	1	265	265	183	183

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Bethlehem Energy Center (Albany)	New York	2539	10001	4	4	44	44
Bethlehem Energy Center (Albany)	New York	2539	10002	3	3	39	39
Bethlehem Energy Center (Albany)	New York	2539	10003	3	3	40	40
Bethpage Energy Center	New York	50292	GT1	1	1	25	25
Bethpage Energy Center	New York	50292	GT2	1	1	21	21
Bethpage Energy Center	New York	50292	GT3	0	0	10	10
Bethpage Energy Center	New York	50292	GT4	1	1	16	16
Binghamton Cogen Plant	New York	55600	1	0	0	3	3
Black River Generation, LLC	New York	10464	E0001	91	91	84	84
Black River Generation, LLC	New York	10464	E0002	90	90	85	85
Black River Generation, LLC	New York	10464	E0003	90	90	86	86
Bowline Generating Station	New York	2625	1	206	206	149	149
Bowline Generating Station	New York	2625	2	80	80	58	58
Brentwood	New York	7912	BW01	0	0	5	5
Brooklyn Navy Yard Cogeneration	New York	54914	1	14	14	41	41
Brooklyn Navy Yard Cogeneration	New York	54914	2	13	13	41	41
Caithness Long Island Energy Center	New York	56234	0001	4	4	44	44
Carr Street Generating Station	New York	50978	A	2	2	4	4
Carr Street Generating Station	New York	50978	B	2	2	4	4
Carthage Energy	New York	10620	1	2	2	6	6
Castleton Power, LLC	New York	10190	1	8	8	64	64
Charles Poletti	New York	2491	001	1,265	1,265	917	917
Dynegy Danskammer	New York	2480	1	16	16	12	12
Dynegy Danskammer	New York	2480	2	14	14	10	10
Dynegy Danskammer	New York	2480	3	554	554	401	401
Dynegy Danskammer	New York	2480	4	953	953	690	690
Dynegy Roseton	New York	8006	1	183	183	133	133

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Bethlehem Energy Center (Albany)	New York	2539	10001	44	44	44	44
Bethlehem Energy Center (Albany)	New York	2539	10002	39	39	39	39
Bethlehem Energy Center (Albany)	New York	2539	10003	40	40	40	40
Bethpage Energy Center	New York	50292	GT1	25	25	25	25
Bethpage Energy Center	New York	50292	GT2	21	21	21	21
Bethpage Energy Center	New York	50292	GT3	10	10	10	10
Bethpage Energy Center	New York	50292	GT4	16	16	16	16
Binghamton Cogen Plant	New York	55600	1	3	3	3	3
Black River Generation, LLC	New York	10464	E0001	84	84	84	84
Black River Generation, LLC	New York	10464	E0002	85	85	85	85
Black River Generation, LLC	New York	10464	E0003	86	86	86	86
Bowline Generating Station	New York	2625	1	149	149	149	149
Bowline Generating Station	New York	2625	2	58	58	58	58
Brentwood	New York	7912	BW01	5	5	5	5
Brooklyn Navy Yard Cogeneration	New York	54914	1	41	41	41	41
Brooklyn Navy Yard Cogeneration	New York	54914	2	41	41	41	41
Caithness Long Island Energy Center	New York	56234	0001	44	44	44	44
Carr Street Generating Station	New York	50978	A	4	4	4	4
Carr Street Generating Station	New York	50978	B	4	4	4	4
Carthage Energy	New York	10620	1	6	6	6	6
Castleton Power, LLC	New York	10190	1	64	64	64	64
Charles Poletti	New York	2491	001	917	917	917	917
Dynegy Danskammer	New York	2480	1	12	12	12	12
Dynegy Danskammer	New York	2480	2	10	10	10	10
Dynegy Danskammer	New York	2480	3	401	401	401	401
Dynegy Danskammer	New York	2480	4	690	690	690	690
Dynegy Roseton	New York	8006	1	133	133	133	133

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Bethlehem Energy Center (Albany)	New York	2539	10001	1,743,977	1,894,944	3,003,069	3,685,290	5,188,046	3,958,802
Bethlehem Energy Center (Albany)	New York	2539	10002	1,793,595	1,878,276	3,115,658	3,884,616	4,398,853	3,799,709
Bethlehem Energy Center (Albany)	New York	2539	10003	1,453,575	1,674,213	2,887,564	3,585,597	4,894,884	3,789,348
Bethpage Energy Center	New York	50292	GT1	303,116	143,334	259,850	244,402	399,555	320,840
Bethpage Energy Center	New York	50292	GT2	45,847	151,658	310,438	228,137	239,092	259,222
Bethpage Energy Center	New York	50292	GT3	400,743	211,057	251,793	339,762	476,754	405,753
Bethpage Energy Center	New York	50292	GT4	1,671,675	1,293,009	1,592,378	1,613,896	1,469,369	1,625,983
Binghamton Cogen Plant	New York	55600	1	117,003	7,811	33,428	1,076	68,492	72,974
Black River Generation, LLC	New York	10464	E0001	857,634	753,362	869,299	20,070		826,765
Black River Generation, LLC	New York	10464	E0002	867,372	809,854	900,333	18,400		859,186
Black River Generation, LLC	New York	10464	E0003	865,609	848,579	836,163	24,110		850,117
Bowline Generating Station	New York	2625	1	1,858,477	3,042,929	2,052,846	1,147,193	2,173,076	2,422,950
Bowline Generating Station	New York	2625	2	1,145,559	773,160	653,196	155,633	1,469,363	1,129,360
Brentwood	New York	7912	BW01	637,454	485,353	450,763	91,456	428,247	524,523
Brooklyn Navy Yard Cogeneration	New York	54914	1	3,954,766	3,864,101	3,794,914	4,376,112	3,374,124	4,064,993
Brooklyn Navy Yard Cogeneration	New York	54914	2	3,349,894	3,686,616	3,314,454	3,851,154	3,917,196	3,818,322
Caithness Long Island Energy Center	New York	56234	0001				2,427,542	6,138,838	4,283,190
Carr Street Generating Station	New York	50978	A	78,892	116,623	68,161	23,094	105,861	100,459
Carr Street Generating Station	New York	50978	B	83,496	123,778	69,060	24,509	108,630	105,301
Carthage Energy	New York	10620	1	86,838	94,326	10,698	10,638	86,087	89,084
Castleton Power, LLC	New York	10190	1	723,484	715,130	321,816	248,356	847,951	762,188
Charles Poletti	New York	2491	001	11,218,199	10,590,885	12,336,252	8,809,311		11,381,779
Dynergy Danskammer	New York	2480	1	127,972	63,720	27,243	17,608	38,721	76,804
Dynergy Danskammer	New York	2480	2	128,836	127,648	30,671	11,238	53,320	103,268
Dynergy Danskammer	New York	2480	3	3,608,582	4,559,546	4,128,166	3,129,207	3,100,589	4,098,765
Dynergy Danskammer	New York	2480	4	6,791,118	7,122,646	6,740,758	6,395,993	4,883,414	6,884,840
Dynergy Roseton	New York	8006	1	1,941,402	756,888	366,603	511,214	2,662,706	1,786,999

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Bethlehem Energy Center (Albany)	New York	2539	10001	338,914,478	0.011681	10,037	10,037	117	117
Bethlehem Energy Center (Albany)	New York	2539	10002	338,914,478	0.011211	10,037	10,037	113	113
Bethlehem Energy Center (Albany)	New York	2539	10003	338,914,478	0.011181	10,037	10,037	112	112
Bethpage Energy Center	New York	50292	GT1	338,914,478	0.000947	10,037	10,037	10	10
Bethpage Energy Center	New York	50292	GT2	338,914,478	0.000765	10,037	10,037	8	8
Bethpage Energy Center	New York	50292	GT3	338,914,478	0.001197	10,037	10,037	12	12
Bethpage Energy Center	New York	50292	GT4	338,914,478	0.004798	10,037	10,037	48	48
Binghamton Cogen Plant	New York	55600	1	338,914,478	0.000215	10,037	10,037	2	2
Black River Generation, LLC	New York	10464	E0001	338,914,478	0.002439	10,037	10,037	24	24
Black River Generation, LLC	New York	10464	E0002	338,914,478	0.002535	10,037	10,037	25	25
Black River Generation, LLC	New York	10464	E0003	338,914,478	0.002508	10,037	10,037	25	25
Bowline Generating Station	New York	2625	1	338,914,478	0.007149	10,037	10,037	72	72
Bowline Generating Station	New York	2625	2	338,914,478	0.003332	10,037	10,037	33	33
Brentwood	New York	7912	BW01	338,914,478	0.001548	10,037	10,037	16	16
Brooklyn Navy Yard Cogeneration	New York	54914	1	338,914,478	0.011994	10,037	10,037	120	120
Brooklyn Navy Yard Cogeneration	New York	54914	2	338,914,478	0.011266	10,037	10,037	113	113
Caithness Long Island Energy Center	New York	56234	0001	338,914,478	0.012638	10,037	10,037	127	127
Carr Street Generating Station	New York	50978	A	338,914,478	0.000296	10,037	10,037	3	3
Carr Street Generating Station	New York	50978	B	338,914,478	0.000311	10,037	10,037	3	3
Carthage Energy	New York	10620	1	338,914,478	0.000263	10,037	10,037	3	3
Castleton Power, LLC	New York	10190	1	338,914,478	0.002249	10,037	10,037	23	23
Charles Poletti	New York	2491	001	338,914,478	0.033583	10,037	10,037	337	337
Dynergy Danskammer	New York	2480	1	338,914,478	0.000227	10,037	10,037	2	2
Dynergy Danskammer	New York	2480	2	338,914,478	0.000305	10,037	10,037	3	3
Dynergy Danskammer	New York	2480	3	338,914,478	0.012094	10,037	10,037	121	121
Dynergy Danskammer	New York	2480	4	338,914,478	0.020314	10,037	10,037	204	204
Dynergy Roseton	New York	8006	1	338,914,478	0.005273	10,037	10,037	53	53

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Bethlehem Energy Center (Albany)	New York	2539	10001			11	7	7	13
Bethlehem Energy Center (Albany)	New York	2539	10002			11	7	8	14
Bethlehem Energy Center (Albany)	New York	2539	10003			17	6	7	13
Bethpage Energy Center	New York	50292	GT1	60	48	17	34	16	17
Bethpage Energy Center	New York	50292	GT2	58	35	18	3	10	20
Bethpage Energy Center	New York	50292	GT3	5	4	3	2	3	1
Bethpage Energy Center	New York	50292	GT4			12	7	5	6
Binghamton Cogen Plant	New York	55600	1	4	0	10	6	0	2
Black River Generation, LLC	New York	10464	E0001	53	52	50	65	55	58
Black River Generation, LLC	New York	10464	E0002	46	53	50	66	59	60
Black River Generation, LLC	New York	10464	E0003	54	53	50	66	61	56
Bowline Generating Station	New York	2625	1	655	291	502	123	216	143
Bowline Generating Station	New York	2625	2	180	87	331	73	64	52
Brentwood	New York	7912	BW01	1	1	2	3	2	2
Brooklyn Navy Yard Cogeneration	New York	54914	1	15	12	13	11	14	14
Brooklyn Navy Yard Cogeneration	New York	54914	2	14	13	13	9	14	13
Caithness Long Island Energy Center	New York	56234	0001						
Carr Street Generating Station	New York	50978	A	2	0	3	1	2	1
Carr Street Generating Station	New York	50978	B	2	1	3	1	2	1
Carthage Energy	New York	10620	1	8	2	6	6	7	1
Castleton Power, LLC	New York	10190	1	29	18	26	20	18	11
Charles Poletti	New York	2491	001	701	655	905	648	774	879
Dynegy Danskammer	New York	2480	1	5	3	93	16	7	3
Dynegy Danskammer	New York	2480	2	10	21	49	17	13	3
Dynegy Danskammer	New York	2480	3	433	443	516	424	545	452
Dynegy Danskammer	New York	2480	4	710	699	809	1,009	1,147	971
Dynegy Roseton	New York	8006	1	808	787	1,070	196	73	33

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Bethlehem Energy Center (Albany)	New York	2539	10001	15	21	21			
Bethlehem Energy Center (Albany)	New York	2539	10002	16	16	16			
Bethlehem Energy Center (Albany)	New York	2539	10003	15	18	18			
Bethpage Energy Center	New York	50292	GT1	16	24	60			
Bethpage Energy Center	New York	50292	GT2	14	15	58			
Bethpage Energy Center	New York	50292	GT3	6	4	6			
Bethpage Energy Center	New York	50292	GT4	5	5	12			
Binghamton Cogen Plant	New York	55600	1	0	3	10			
Black River Generation, LLC	New York	10464	E0001	2		65			
Black River Generation, LLC	New York	10464	E0002	2		66			
Black River Generation, LLC	New York	10464	E0003	2		66			
Bowline Generating Station	New York	2625	1	58	139	655			
Bowline Generating Station	New York	2625	2	13	116	331			
Brentwood	New York	7912	BW01	0	2	3			
Brooklyn Navy Yard Cogeneration	New York	54914	1	15	12	15			
Brooklyn Navy Yard Cogeneration	New York	54914	2	14	14	14			
Caithness Long Island Energy Center	New York	56234	0001	8	19	19			
Carr Street Generating Station	New York	50978	A	0	1	3			
Carr Street Generating Station	New York	50978	B	0	1	3			
Carthage Energy	New York	10620	1	1	6	8			
Castleton Power, LLC	New York	10190	1	9	32	32			
Charles Poletti	New York	2491	001	511		905			
Dynegy Danskammer	New York	2480	1	2	5	93			
Dynegy Danskammer	New York	2480	2	1	6	49			
Dynegy Danskammer	New York	2480	3	368	376	545			
Dynegy Danskammer	New York	2480	4	872	599	1,147			
Dynegy Roseton	New York	8006	1	24	117	1,070			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Bethlehem Energy Center (Albany)	New York	2539	10001				21	21
Bethlehem Energy Center (Albany)	New York	2539	10002				16	16
Bethlehem Energy Center (Albany)	New York	2539	10003				18	18
Bethpage Energy Center	New York	50292	GT1				14	14
Bethpage Energy Center	New York	50292	GT2				11	11
Bethpage Energy Center	New York	50292	GT3				6	6
Bethpage Energy Center	New York	50292	GT4				12	12
Binghamton Cogen Plant	New York	55600	1				3	3
Black River Generation, LLC	New York	10464	E0001				35	35
Black River Generation, LLC	New York	10464	E0002				36	36
Black River Generation, LLC	New York	10464	E0003				36	36
Bowline Generating Station	New York	2625	1				102	102
Bowline Generating Station	New York	2625	2				48	48
Brentwood	New York	7912	BW01				3	3
Brooklyn Navy Yard Cogeneration	New York	54914	1				15	15
Brooklyn Navy Yard Cogeneration	New York	54914	2				14	14
Caithness Long Island Energy Center	New York	56234	0001				19	19
Carr Street Generating Station	New York	50978	A				3	3
Carr Street Generating Station	New York	50978	B				3	3
Carthage Energy	New York	10620	1				4	4
Castleton Power, LLC	New York	10190	1				32	32
Charles Poletti	New York	2491	001				481	481
Dynegy Danskammer	New York	2480	1				3	3
Dynegy Danskammer	New York	2480	2				4	4
Dynegy Danskammer	New York	2480	3				173	173
Dynegy Danskammer	New York	2480	4				291	291
Dynegy Roseton	New York	8006	1				76	76

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Bethlehem Energy Center (Albany)	New York	2539	10001	21	21	21	21	Y
Bethlehem Energy Center (Albany)	New York	2539	10002	16	16	16	16	Y
Bethlehem Energy Center (Albany)	New York	2539	10003	18	18	18	18	Y
Bethpage Energy Center	New York	50292	GT1	14	14	14	14	Y
Bethpage Energy Center	New York	50292	GT2	11	11	11	11	Y
Bethpage Energy Center	New York	50292	GT3	6	6	6	6	Y
Bethpage Energy Center	New York	50292	GT4	12	12	12	12	Y
Binghamton Cogen Plant	New York	55600	1	3	3	3	3	Y
Black River Generation, LLC	New York	10464	E0001	35	35	35	35	Y
Black River Generation, LLC	New York	10464	E0002	36	36	36	36	Y
Black River Generation, LLC	New York	10464	E0003	36	36	36	36	Y
Bowline Generating Station	New York	2625	1	102	102	102	102	Y
Bowline Generating Station	New York	2625	2	48	48	48	48	Y
Brentwood	New York	7912	BW01	3	3	3	3	Y
Brooklyn Navy Yard Cogeneration	New York	54914	1	15	15	15	15	Y
Brooklyn Navy Yard Cogeneration	New York	54914	2	14	14	14	14	Y
Caithness Long Island Energy Center	New York	56234	0001	19	19	19	19	Y
Carr Street Generating Station	New York	50978	A	3	3	3	3	Y
Carr Street Generating Station	New York	50978	B	3	3	3	3	Y
Carthage Energy	New York	10620	1	4	4	4	4	Y
Castleton Power, LLC	New York	10190	1	32	32	32	32	Y
Charles Poletti	New York	2491	001	481	481	481	481	Y
Dynergy Danskammer	New York	2480	1	3	3	3	3	Y
Dynergy Danskammer	New York	2480	2	4	4	4	4	Y
Dynergy Danskammer	New York	2480	3	173	173	173	173	Y
Dynergy Danskammer	New York	2480	4	291	291	291	291	Y
Dynergy Roseton	New York	8006	1	76	76	76	76	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Bethlehem Energy Center (Albany)	New York	2539	10001	Y		Y		
Bethlehem Energy Center (Albany)	New York	2539	10002	Y		Y		
Bethlehem Energy Center (Albany)	New York	2539	10003	Y		Y		
Bethpage Energy Center	New York	50292	GT1	Y		Y		
Bethpage Energy Center	New York	50292	GT2	Y		Y		
Bethpage Energy Center	New York	50292	GT3	Y		Y		
Bethpage Energy Center	New York	50292	GT4	Y		Y		
Binghamton Cogen Plant	New York	55600	1	Y		Y		
Black River Generation, LLC	New York	10464	E0001	Y		Y		
Black River Generation, LLC	New York	10464	E0002	Y		Y		
Black River Generation, LLC	New York	10464	E0003	Y		Y		
Bowline Generating Station	New York	2625	1	Y		Y		
Bowline Generating Station	New York	2625	2	Y		Y		
Brentwood	New York	7912	BW01	Y		Y		
Brooklyn Navy Yard Cogeneration	New York	54914	1	Y		Y		
Brooklyn Navy Yard Cogeneration	New York	54914	2	Y		Y		
Caithness Long Island Energy Center	New York	56234	0001	Y		Y		
Carr Street Generating Station	New York	50978	A	Y		Y		
Carr Street Generating Station	New York	50978	B	Y		Y		
Carthage Energy	New York	10620	1	Y		Y		
Castleton Power, LLC	New York	10190	1	Y		Y		
Charles Poletti	New York	2491	001	Y		Y		
Dynegy Danskammer	New York	2480	1	Y		Y		
Dynegy Danskammer	New York	2480	2	Y		Y		
Dynegy Danskammer	New York	2480	3	Y		Y		
Dynegy Danskammer	New York	2480	4	Y		Y		
Dynegy Roseton	New York	8006	1	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Dynegy Roseton	New York	8006	2	3401	2,413,631	7,237,118	3,264,311	2,343,983	2,582,816
E F Barrett	New York	2511	10	1719	7,957,927	8,339,691	6,644,985	6,063,369	6,986,074
E F Barrett	New York	2511	20	1720	6,898,201	6,719,523	5,643,998	4,214,589	6,852,934
E F Barrett	New York	2511	U00012	1729	99,622	45,582	123,650	148,847	74,930
E F Barrett	New York	2511	U00013	1730	99,622	45,582	123,650	148,847	74,930
E F Barrett	New York	2511	U00014	1731	124,938	28,665	106,919	73,663	132,601
E F Barrett	New York	2511	U00015	1732	124,938	28,665	106,919	73,663	132,601
E F Barrett	New York	2511	U00016	1733	110,786	105,966	110,222	142,623	152,561
E F Barrett	New York	2511	U00017	1734	110,786	105,966	110,222	142,623	152,561
E F Barrett	New York	2511	U00018	1735	83,318	82,900	151,522	144,081	86,974
E F Barrett	New York	2511	U00019	1736	83,318	82,900	151,522	144,081	86,974
East River	New York	2493	1	1614	12,571,247	12,204,940	12,498,450	10,518,627	13,504,647
East River	New York	2493	2	1615	11,858,681	13,246,338	12,515,203	10,324,988	13,443,973
East River	New York	2493	60	1617	5,641,282	4,897,929	6,716,054	5,202,422	6,349,651
East River	New York	2493	70	1618	4,870,268	5,530,692	3,965,408	3,935,223	7,234,176
Edgewood Energy	New York	55786	CT01	10132	1,065,692	1,004,458	610,319	302,881	718,486
Edgewood Energy	New York	55786	CT02	10133	988,595	897,709	546,991	252,671	731,866
Equus Power I	New York	56032	0001	89349	1,026,626	1,190,356	819,961	532,708	707,181
Far Rockaway	New York	2513	40	1738	3,004,040	2,795,933	1,594,813	1,171,496	2,124,403
Fortistar North Tonawanda Inc	New York	54131	NTCT1	3754	200,447	228,581	57,235	43,830	286,330
Freeport Power Plant No. 2	New York	2679	5	88098	432,017	588,096	396,149	465,815	563,495
Glenwood	New York	2514	40	1739	1,775,202	1,320,767	661,602	493,095	1,629,598
Glenwood	New York	2514	50	1740	2,121,795	1,193,077	660,749	421,323	858,131
Glenwood	New York	2514	U00020	1741	57,180	17,209	18,050	7,669	16,456
Glenwood	New York	2514	U00021	1742	75,180	30,601	13,689	12,138	19,959
Glenwood Landing Energy Center	New York	7869	UGT012	10031	740,677	665,537	349,800	253,965	438,591
Glenwood Landing Energy Center	New York	7869	UGT013	10032	755,170	604,285	405,789	255,222	589,582

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Dynegy Roseton	New York	8006	2	4,361,415	707,632,553	0.006163	30,235	21,670
E F Barrett	New York	2511	10	7,761,231	707,632,553	0.010968	30,235	21,670
E F Barrett	New York	2511	20	6,823,553	707,632,553	0.009643	30,235	21,670
E F Barrett	New York	2511	U00012	124,040	707,632,553	0.000175	30,235	21,670
E F Barrett	New York	2511	U00013	124,040	707,632,553	0.000175	30,235	21,670
E F Barrett	New York	2511	U00014	121,486	707,632,553	0.000172	30,235	21,670
E F Barrett	New York	2511	U00015	121,486	707,632,553	0.000172	30,235	21,670
E F Barrett	New York	2511	U00016	135,323	707,632,553	0.000191	30,235	21,670
E F Barrett	New York	2511	U00017	135,323	707,632,553	0.000191	30,235	21,670
E F Barrett	New York	2511	U00018	127,525	707,632,553	0.000180	30,235	21,670
E F Barrett	New York	2511	U00019	127,525	707,632,553	0.000180	30,235	21,670
East River	New York	2493	1	12,858,114	707,632,553	0.018171	30,235	21,670
East River	New York	2493	2	13,068,505	707,632,553	0.018468	30,235	21,670
East River	New York	2493	60	6,235,663	707,632,553	0.008812	30,235	21,670
East River	New York	2493	70	5,878,379	707,632,553	0.008307	30,235	21,670
Edgewood Energy	New York	55786	CT01	929,545	707,632,553	0.001314	30,235	21,670
Edgewood Energy	New York	55786	CT02	872,724	707,632,553	0.001233	30,235	21,670
Equus Power I	New York	56032	0001	1,012,314	707,632,553	0.001431	30,235	21,670
Far Rockaway	New York	2513	40	2,641,459	707,632,553	0.003733	30,235	21,670
Fortistar North Tonawanda Inc	New York	54131	NTCT1	238,453	707,632,553	0.000337	30,235	21,670
Freeport Power Plant No. 2	New York	2679	5	539,135	707,632,553	0.000762	30,235	21,670
Glenwood	New York	2514	40	1,575,189	707,632,553	0.002226	30,235	21,670
Glenwood	New York	2514	50	1,391,001	707,632,553	0.001966	30,235	21,670
Glenwood	New York	2514	U00020	30,813	707,632,553	0.000044	30,235	21,670
Glenwood	New York	2514	U00021	41,913	707,632,553	0.000059	30,235	21,670
Glenwood Landing Energy Center	New York	7869	UGT012	614,935	707,632,553	0.000869	30,235	21,670
Glenwood Landing Energy Center	New York	7869	UGT013	649,679	707,632,553	0.000918	30,235	21,670

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Dynegy Roseton	New York	8006	2	20,607	20,607	186	134	127	127
E F Barrett	New York	2511	10	20,607	20,607	332	238	226	226
E F Barrett	New York	2511	20	20,607	20,607	292	209	199	199
E F Barrett	New York	2511	U00012	20,607	20,607	5	4	4	4
E F Barrett	New York	2511	U00013	20,607	20,607	5	4	4	4
E F Barrett	New York	2511	U00014	20,607	20,607	5	4	4	4
E F Barrett	New York	2511	U00015	20,607	20,607	5	4	4	4
E F Barrett	New York	2511	U00016	20,607	20,607	6	4	4	4
E F Barrett	New York	2511	U00017	20,607	20,607	6	4	4	4
E F Barrett	New York	2511	U00018	20,607	20,607	5	4	4	4
E F Barrett	New York	2511	U00019	20,607	20,607	5	4	4	4
East River	New York	2493	1	20,607	20,607	549	394	374	374
East River	New York	2493	2	20,607	20,607	558	400	381	381
East River	New York	2493	60	20,607	20,607	266	191	182	182
East River	New York	2493	70	20,607	20,607	251	180	171	171
Edgewood Energy	New York	55786	CT01	20,607	20,607	40	28	27	27
Edgewood Energy	New York	55786	CT02	20,607	20,607	37	27	25	25
Equus Power I	New York	56032	0001	20,607	20,607	43	31	29	29
Far Rockaway	New York	2513	40	20,607	20,607	113	81	77	77
Fortistar North Tonawanda Inc	New York	54131	NTCT1	20,607	20,607	10	7	7	7
Freeport Power Plant No. 2	New York	2679	5	20,607	20,607	23	17	16	16
Glenwood	New York	2514	40	20,607	20,607	67	48	46	46
Glenwood	New York	2514	50	20,607	20,607	59	43	41	41
Glenwood	New York	2514	U00020	20,607	20,607	1	1	1	1
Glenwood	New York	2514	U00021	20,607	20,607	2	1	1	1
Glenwood Landing Energy Center	New York	7869	UGT012	20,607	20,607	26	19	18	18
Glenwood Landing Energy Center	New York	7869	UGT013	20,607	20,607	28	20	19	19

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Dynegy Roseton	New York	8006	2	9,814	11,500	9,302	1,094	2,993	1,166
E F Barrett	New York	2511	10	294	193	316	115	191	2
E F Barrett	New York	2511	20	348	193	376	58	67	2
E F Barrett	New York	2511	U00012						
E F Barrett	New York	2511	U00013						
E F Barrett	New York	2511	U00014						
E F Barrett	New York	2511	U00015						
E F Barrett	New York	2511	U00016						
E F Barrett	New York	2511	U00017						
E F Barrett	New York	2511	U00018						
E F Barrett	New York	2511	U00019						
East River	New York	2493	1			4	4	4	4
East River	New York	2493	2			8	4	4	4
East River	New York	2493	60	427	403	226	130	93	33
East River	New York	2493	70	202	167	181	66	129	45
Edgewood Energy	New York	55786	CT01	0	0	0	0	0	0
Edgewood Energy	New York	55786	CT02	0	0	0	0	0	0
Equus Power I	New York	56032	0001		1	1	2	1	0
Far Rockaway	New York	2513	40	1	1	1	1	1	0
Fortistar North Tonawanda Inc	New York	54131	NTCT1						
Freeport Power Plant No. 2	New York	2679	5		0	0	0	0	0
Glenwood	New York	2514	40	1	1	0	1	0	0
Glenwood	New York	2514	50	1	1	0	1	0	0
Glenwood	New York	2514	U00020						
Glenwood	New York	2514	U00021						
Glenwood Landing Energy Center	New York	7869	UGT012	1	1	1	0	0	0
Glenwood Landing Energy Center	New York	7869	UGT013	1	1	1	0	0	0

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Dynegy Roseton	New York	8006	2	812	106	11,500			
E F Barrett	New York	2511	10	2	6	316			
E F Barrett	New York	2511	20	8	6	376			
E F Barrett	New York	2511	U00012	3	0	3			
E F Barrett	New York	2511	U00013	3	0	3			
E F Barrett	New York	2511	U00014	2	0	2			
E F Barrett	New York	2511	U00015	2	0	2			
E F Barrett	New York	2511	U00016	5	0	5			
E F Barrett	New York	2511	U00017	5	0	5			
E F Barrett	New York	2511	U00018	6	0	6			
E F Barrett	New York	2511	U00019	6	0	6			
East River	New York	2493	1	3	4	4			
East River	New York	2493	2	3	4	8			
East River	New York	2493	60	43	26	427			
East River	New York	2493	70	41	54	202			
Edgewood Energy	New York	55786	CT01	0	0	0			
Edgewood Energy	New York	55786	CT02	0	0	0			
Equus Power I	New York	56032	0001	0	0	2			
Far Rockaway	New York	2513	40	0	1	1			
Fortistar North Tonawanda Inc	New York	54131	NTCT1	0	0	0			
Freeport Power Plant No. 2	New York	2679	5	0	0	0			
Glenwood	New York	2514	40	0	0	1			
Glenwood	New York	2514	50	0	0	1			
Glenwood	New York	2514	U00020	2	4	4			
Glenwood	New York	2514	U00021	3	5	5			
Glenwood Landing Energy Center	New York	7869	UGT012	0	0	1			
Glenwood Landing Energy Center	New York	7869	UGT013	0	0	1			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Dynegy Roseton	New York	8006	2				2,299	2,544	2,029
E F Barrett	New York	2511	10				605	545	452
E F Barrett	New York	2511	20				389	351	400
E F Barrett	New York	2511	U00012				26	43	45
E F Barrett	New York	2511	U00013				26	43	45
E F Barrett	New York	2511	U00014				29	54	26
E F Barrett	New York	2511	U00015				29	54	26
E F Barrett	New York	2511	U00016				16	25	27
E F Barrett	New York	2511	U00017				16	25	27
E F Barrett	New York	2511	U00018				14	23	28
E F Barrett	New York	2511	U00019				14	23	28
East River	New York	2493	1						41
East River	New York	2493	2						45
East River	New York	2493	60				744	790	604
East River	New York	2493	70				478	486	339
Edgewood Energy	New York	55786	CT01				2	3	4
Edgewood Energy	New York	55786	CT02				3	3	4
Equus Power I	New York	56032	0001					17	8
Far Rockaway	New York	2513	40				73	102	116
Fortistar North Tonawanda Inc	New York	54131	NTCT1				107	52	40
Freeport Power Plant No. 2	New York	2679	5					26	4
Glenwood	New York	2514	40				135	93	52
Glenwood	New York	2514	50				137	113	38
Glenwood	New York	2514	U00020				22	14	32
Glenwood	New York	2514	U00021				21	10	58
Glenwood Landing Energy Center	New York	7869	UGT012				5	4	4
Glenwood Landing Energy Center	New York	7869	UGT013				4	5	5

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Dynergy Roseton	New York	8006	2	234	736	269	210	82	2,544
E F Barrett	New York	2511	10	522	610	514	371	347	610
E F Barrett	New York	2511	20	275	323	246	149	188	400
E F Barrett	New York	2511	U00012	25	14	28	34	16	45
E F Barrett	New York	2511	U00013	25	14	28	34	16	45
E F Barrett	New York	2511	U00014	31	9	26	17	28	54
E F Barrett	New York	2511	U00015	31	9	26	17	28	54
E F Barrett	New York	2511	U00016	29	30	25	34	32	34
E F Barrett	New York	2511	U00017	29	30	25	34	32	34
E F Barrett	New York	2511	U00018	21	25	35	35	18	35
E F Barrett	New York	2511	U00019	21	25	35	35	18	35
East River	New York	2493	1	42	44	47	39	51	51
East River	New York	2493	2	36	43	43	38	53	53
East River	New York	2493	60	407	338	446	345	424	790
East River	New York	2493	70	313	357	265	302	545	545
Edgewood Energy	New York	55786	CT01	4	4	2	1	3	4
Edgewood Energy	New York	55786	CT02	4	3	2	1	3	4
Equus Power I	New York	56032	0001	8	8	5	4	4	17
Far Rockaway	New York	2513	40	117	130	74	47	78	130
Fortistar North Tonawanda Inc	New York	54131	NTCT1	8	10	3	2	13	107
Freeport Power Plant No. 2	New York	2679	5	4	5	3	3	4	26
Glenwood	New York	2514	40	65	46	23	15	52	135
Glenwood	New York	2514	50	85	43	24	13	29	137
Glenwood	New York	2514	U00020	17	5	5	2	5	32
Glenwood	New York	2514	U00021	22	9	4	4	6	58
Glenwood Landing Energy Center	New York	7869	UGT012	5	4	3	2	2	5
Glenwood Landing Energy Center	New York	7869	UGT013	5	4	3	2	4	5

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Dynegy Roseton	New York	8006	2						
E F Barrett	New York	2511	10						
E F Barrett	New York	2511	20						
E F Barrett	New York	2511	U00012						
E F Barrett	New York	2511	U00013						
E F Barrett	New York	2511	U00014						
E F Barrett	New York	2511	U00015						
E F Barrett	New York	2511	U00016						
E F Barrett	New York	2511	U00017						
E F Barrett	New York	2511	U00018						
E F Barrett	New York	2511	U00019						
East River	New York	2493	1						
East River	New York	2493	2						
East River	New York	2493	60						
East River	New York	2493	70						
Edgewood Energy	New York	55786	CT01						
Edgewood Energy	New York	55786	CT02						
Equus Power I	New York	56032	0001						
Far Rockaway	New York	2513	40						
Fortistar North Tonawanda Inc	New York	54131	NTCT1						
Freeport Power Plant No. 2	New York	2679	5						
Glenwood	New York	2514	40						
Glenwood	New York	2514	50						
Glenwood	New York	2514	U00020						
Glenwood	New York	2514	U00021						
Glenwood Landing Energy Center	New York	7869	UGT012						
Glenwood Landing Energy Center	New York	7869	UGT013						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Dynegy Roseton	New York	8006	2	372	372	257	257
E F Barrett	New York	2511	10	316	316	316	316
E F Barrett	New York	2511	20	376	376	376	376
E F Barrett	New York	2511	U00012	3	3	3	3
E F Barrett	New York	2511	U00013	3	3	3	3
E F Barrett	New York	2511	U00014	2	2	2	2
E F Barrett	New York	2511	U00015	2	2	2	2
E F Barrett	New York	2511	U00016	5	5	5	5
E F Barrett	New York	2511	U00017	5	5	5	5
E F Barrett	New York	2511	U00018	6	6	6	6
E F Barrett	New York	2511	U00019	6	6	6	6
East River	New York	2493	1	4	4	4	4
East River	New York	2493	2	8	8	8	8
East River	New York	2493	60	427	427	367	367
East River	New York	2493	70	202	202	202	202
Edgewood Energy	New York	55786	CT01	0	0	0	0
Edgewood Energy	New York	55786	CT02	0	0	0	0
Equus Power I	New York	56032	0001	2	2	2	2
Far Rockaway	New York	2513	40	1	1	1	1
Fortistar North Tonawanda Inc	New York	54131	NTCT1	0	0	0	0
Freeport Power Plant No. 2	New York	2679	5	0	0	0	0
Glenwood	New York	2514	40	1	1	1	1
Glenwood	New York	2514	50	1	1	1	1
Glenwood	New York	2514	U00020	3	3	2	2
Glenwood	New York	2514	U00021	4	4	2	2
Glenwood Landing Energy Center	New York	7869	UGT012	1	1	1	1
Glenwood Landing Energy Center	New York	7869	UGT013	1	1	1	1

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Dynegy Roseton	New York	8006	2	257	257	186	186
E F Barrett	New York	2511	10	316	316	331	331
E F Barrett	New York	2511	20	376	376	291	291
E F Barrett	New York	2511	U00012	3	3	5	5
E F Barrett	New York	2511	U00013	3	3	5	5
E F Barrett	New York	2511	U00014	2	2	5	5
E F Barrett	New York	2511	U00015	2	2	5	5
E F Barrett	New York	2511	U00016	5	5	6	6
E F Barrett	New York	2511	U00017	5	5	6	6
E F Barrett	New York	2511	U00018	6	6	5	5
E F Barrett	New York	2511	U00019	6	6	5	5
East River	New York	2493	1	4	4	51	51
East River	New York	2493	2	8	8	53	53
East River	New York	2493	60	367	367	266	266
East River	New York	2493	70	202	202	251	251
Edgewood Energy	New York	55786	CT01	0	0	4	4
Edgewood Energy	New York	55786	CT02	0	0	4	4
Equus Power I	New York	56032	0001	2	2	17	17
Far Rockaway	New York	2513	40	1	1	113	113
Fortistar North Tonawanda Inc	New York	54131	NTCT1	0	0	10	10
Freeport Power Plant No. 2	New York	2679	5	0	0	23	23
Glenwood	New York	2514	40	1	1	67	67
Glenwood	New York	2514	50	1	1	59	59
Glenwood	New York	2514	U00020	2	2	1	1
Glenwood	New York	2514	U00021	2	2	2	2
Glenwood Landing Energy Center	New York	7869	UGT012	1	1	5	5
Glenwood Landing Energy Center	New York	7869	UGT013	1	1	5	5

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Dynegy Roseton	New York	8006	2	186	186	186	186
E F Barrett	New York	2511	10	331	331	331	331
E F Barrett	New York	2511	20	291	291	291	291
E F Barrett	New York	2511	U00012	5	5	5	5
E F Barrett	New York	2511	U00013	5	5	5	5
E F Barrett	New York	2511	U00014	5	5	5	5
E F Barrett	New York	2511	U00015	5	5	5	5
E F Barrett	New York	2511	U00016	6	6	6	6
E F Barrett	New York	2511	U00017	6	6	6	6
E F Barrett	New York	2511	U00018	5	5	5	5
E F Barrett	New York	2511	U00019	5	5	5	5
East River	New York	2493	1	51	51	51	51
East River	New York	2493	2	53	53	53	53
East River	New York	2493	60	266	266	266	266
East River	New York	2493	70	251	251	251	251
Edgewood Energy	New York	55786	CT01	4	4	4	4
Edgewood Energy	New York	55786	CT02	4	4	4	4
Equus Power I	New York	56032	0001	17	17	17	17
Far Rockaway	New York	2513	40	113	113	113	113
Fortistar North Tonawanda Inc	New York	54131	NTCT1	10	10	10	10
Freeport Power Plant No. 2	New York	2679	5	23	23	23	23
Glenwood	New York	2514	40	67	67	67	67
Glenwood	New York	2514	50	59	59	59	59
Glenwood	New York	2514	U00020	1	1	1	1
Glenwood	New York	2514	U00021	2	2	2	2
Glenwood Landing Energy Center	New York	7869	UGT012	5	5	5	5
Glenwood Landing Energy Center	New York	7869	UGT013	5	5	5	5

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Dynegy Roseton	New York	8006	2	1,731,617	1,648,424	1,660,082	503,474	2,420,578	1,937,426
E F Barrett	New York	2511	10	4,152,100	3,826,367	4,190,373	3,049,471	4,176,783	4,173,085
E F Barrett	New York	2511	20	4,065,408	3,583,945	2,765,897	2,571,233	3,661,259	3,770,204
E F Barrett	New York	2511	U00012	63,964	24,931	72,716	34,450	64,022	66,901
E F Barrett	New York	2511	U00013	63,964	24,931	72,716	34,450	64,022	66,901
E F Barrett	New York	2511	U00014	74,331	14,652	30,951	13,137	64,551	56,611
E F Barrett	New York	2511	U00015	74,331	14,652	30,951	13,137	64,551	56,611
E F Barrett	New York	2511	U00016	79,294	30,618	77,146	60,442	79,050	78,496
E F Barrett	New York	2511	U00017	79,294	30,618	77,146	60,442	79,050	78,496
E F Barrett	New York	2511	U00018	68,161	25,684	98,631	44,995	51,857	72,883
E F Barrett	New York	2511	U00019	68,161	25,684	98,631	44,995	51,857	72,883
East River	New York	2493	1	5,684,399	4,236,521	4,155,952	4,099,384	5,352,861	5,091,260
East River	New York	2493	2	5,108,884	5,207,613	5,443,298	3,891,158	5,342,548	5,331,153
East River	New York	2493	60	3,121,189	3,069,118	3,237,129	2,257,873	3,381,509	3,246,609
East River	New York	2493	70	3,083,783	3,116,287	2,509,460	2,156,344	3,221,686	3,140,586
Edgewood Energy	New York	55786	CT01	623,610	567,303	437,057	206,719	518,504	569,806
Edgewood Energy	New York	55786	CT02	590,806	497,381	385,483	178,092	530,118	539,435
Equus Power I	New York	56032	0001	479,273	739,617	493,779	303,758	534,649	589,348
Far Rockaway	New York	2513	40	1,853,936	1,851,390	1,084,392	883,184	1,796,717	1,834,015
Fortistar North Tonawanda Inc	New York	54131	NTCT1	117,066	65,009	20,313	6,204	110,631	97,569
Freeport Power Plant No. 2	New York	2679	5	320,569	393,170	241,124	298,332	367,887	360,542
Glenwood	New York	2514	40	1,384,248	1,047,310	615,374	425,482	1,628,302	1,353,287
Glenwood	New York	2514	50	1,595,962	869,012	581,064	421,323	821,000	1,095,325
Glenwood	New York	2514	U00020	52,171	13,139	6,729	5,875	10,646	25,319
Glenwood	New York	2514	U00021	64,169	12,908	12,413		14,259	30,445
Glenwood Landing Energy Center	New York	7869	UGT012	488,812	416,911	267,191	147,250	372,716	426,147
Glenwood Landing Energy Center	New York	7869	UGT013	495,202	374,252	302,028	153,959	404,250	424,568

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Dynegy Roseton	New York	8006	2	338,914,478	0.005717	10,037	10,037	57	57
E F Barrett	New York	2511	10	338,914,478	0.012313	10,037	10,037	124	124
E F Barrett	New York	2511	20	338,914,478	0.011124	10,037	10,037	112	112
E F Barrett	New York	2511	U00012	338,914,478	0.000197	10,037	10,037	2	2
E F Barrett	New York	2511	U00013	338,914,478	0.000197	10,037	10,037	2	2
E F Barrett	New York	2511	U00014	338,914,478	0.000167	10,037	10,037	2	2
E F Barrett	New York	2511	U00015	338,914,478	0.000167	10,037	10,037	2	2
E F Barrett	New York	2511	U00016	338,914,478	0.000232	10,037	10,037	2	2
E F Barrett	New York	2511	U00017	338,914,478	0.000232	10,037	10,037	2	2
E F Barrett	New York	2511	U00018	338,914,478	0.000215	10,037	10,037	2	2
E F Barrett	New York	2511	U00019	338,914,478	0.000215	10,037	10,037	2	2
East River	New York	2493	1	338,914,478	0.015022	10,037	10,037	151	151
East River	New York	2493	2	338,914,478	0.015730	10,037	10,037	158	158
East River	New York	2493	60	338,914,478	0.009579	10,037	10,037	96	96
East River	New York	2493	70	338,914,478	0.009267	10,037	10,037	93	93
Edgewood Energy	New York	55786	CT01	338,914,478	0.001681	10,037	10,037	17	17
Edgewood Energy	New York	55786	CT02	338,914,478	0.001592	10,037	10,037	16	16
Equus Power I	New York	56032	0001	338,914,478	0.001739	10,037	10,037	17	17
Far Rockaway	New York	2513	40	338,914,478	0.005411	10,037	10,037	54	54
Fortistar North Tonawanda Inc	New York	54131	NTCT1	338,914,478	0.000288	10,037	10,037	3	3
Freeport Power Plant No. 2	New York	2679	5	338,914,478	0.001064	10,037	10,037	11	11
Glenwood	New York	2514	40	338,914,478	0.003993	10,037	10,037	40	40
Glenwood	New York	2514	50	338,914,478	0.003232	10,037	10,037	32	32
Glenwood	New York	2514	U00020	338,914,478	0.000075	10,037	10,037	1	1
Glenwood	New York	2514	U00021	338,914,478	0.000090	10,037	10,037	1	1
Glenwood Landing Energy Center	New York	7869	UGT012	338,914,478	0.001257	10,037	10,037	13	13
Glenwood Landing Energy Center	New York	7869	UGT013	338,914,478	0.001253	10,037	10,037	13	13

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Dyegy Roseton	New York	8006	2	875	817	880	168	138	125
E F Barrett	New York	2511	10	269	199	281	260	256	319
E F Barrett	New York	2511	20	119	139	190	152	136	111
E F Barrett	New York	2511	U00012	24	19	28	16	7	16
E F Barrett	New York	2511	U00013	24	19	28	16	7	16
E F Barrett	New York	2511	U00014	28	27	14	18	4	7
E F Barrett	New York	2511	U00015	28	27	14	18	4	7
E F Barrett	New York	2511	U00016	16	18	21	20	8	16
E F Barrett	New York	2511	U00017	16	18	21	20	8	16
E F Barrett	New York	2511	U00018	12	20	19	17	7	21
E F Barrett	New York	2511	U00019	12	20	19	17	7	21
East River	New York	2493	1			20	17	15	15
East River	New York	2493	2			22	15	15	17
East River	New York	2493	60	278	373	222	207	196	206
East River	New York	2493	70	223	180	193	186	173	157
Edgewood Energy	New York	55786	CT01	1	1	2	2	2	2
Edgewood Energy	New York	55786	CT02	1	1	2	2	2	1
Equus Power I	New York	56032	0001		15	3	4	4	3
Far Rockaway	New York	2513	40	46	77	79	69	82	48
Fortistar North Tonawanda Inc	New York	54131	NTCT1	44	16	30	5	3	1
Freeport Power Plant No. 2	New York	2679	5		1	3	2	3	2
Glenwood	New York	2514	40	73	51	39	50	36	21
Glenwood	New York	2514	50	72	54	38	59	31	20
Glenwood	New York	2514	U00020	20	11	17	15	4	2
Glenwood	New York	2514	U00021	19	8	36	19	4	4
Glenwood Landing Energy Center	New York	7869	UGT012	2	2	2	3	2	2
Glenwood Landing Energy Center	New York	7869	UGT013	2	2	2	3	2	2

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Dynegy Roseton	New York	8006	2	25	70	880			
E F Barrett	New York	2511	10	153	205	319			
E F Barrett	New York	2511	20	91	95	190			
E F Barrett	New York	2511	U00012	7	14	28			
E F Barrett	New York	2511	U00013	7	14	28			
E F Barrett	New York	2511	U00014	3	14	28			
E F Barrett	New York	2511	U00015	3	14	28			
E F Barrett	New York	2511	U00016	13	17	21			
E F Barrett	New York	2511	U00017	13	17	21			
E F Barrett	New York	2511	U00018	9	11	21			
E F Barrett	New York	2511	U00019	9	11	21			
East River	New York	2493	1	14	19	20			
East River	New York	2493	2	14	20	22			
East River	New York	2493	60	138	222	373			
East River	New York	2493	70	155	240	240			
Edgewood Energy	New York	55786	CT01	1	2	2			
Edgewood Energy	New York	55786	CT02	1	2	2			
Equus Power I	New York	56032	0001	2	3	15			
Far Rockaway	New York	2513	40	33	63	82			
Fortistar North Tonawanda Inc	New York	54131	NTCT1	0	5	44			
Freeport Power Plant No. 2	New York	2679	5	2	2	3			
Glenwood	New York	2514	40	13	52	73			
Glenwood	New York	2514	50	13	28	72			
Glenwood	New York	2514	U00020	2	3	20			
Glenwood	New York	2514	U00021		4	36			
Glenwood Landing Energy Center	New York	7869	UGT012	1	2	3			
Glenwood Landing Energy Center	New York	7869	UGT013	1	2	3			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Dynegy Roseton	New York	8006	2				82	82
E F Barrett	New York	2511	10				177	177
E F Barrett	New York	2511	20				159	159
E F Barrett	New York	2511	U00012				3	3
E F Barrett	New York	2511	U00013				3	3
E F Barrett	New York	2511	U00014				2	2
E F Barrett	New York	2511	U00015				2	2
E F Barrett	New York	2511	U00016				3	3
E F Barrett	New York	2511	U00017				3	3
E F Barrett	New York	2511	U00018				3	3
E F Barrett	New York	2511	U00019				3	3
East River	New York	2493	1				20	20
East River	New York	2493	2				22	22
East River	New York	2493	60				137	137
East River	New York	2493	70				133	133
Edgewood Energy	New York	55786	CT01				2	2
Edgewood Energy	New York	55786	CT02				2	2
Equus Power I	New York	56032	0001				15	15
Far Rockaway	New York	2513	40				78	78
Fortistar North Tonawanda Inc	New York	54131	NTCT1				4	4
Freeport Power Plant No. 2	New York	2679	5				3	3
Glenwood	New York	2514	40				57	57
Glenwood	New York	2514	50				46	46
Glenwood	New York	2514	U00020				1	1
Glenwood	New York	2514	U00021				1	1
Glenwood Landing Energy Center	New York	7869	UGT012				3	3
Glenwood Landing Energy Center	New York	7869	UGT013				3	3

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Dyegy Roseton	New York	8006	2	82	82	82	82	Y
E F Barrett	New York	2511	10	177	177	177	177	Y
E F Barrett	New York	2511	20	159	159	159	159	Y
E F Barrett	New York	2511	U00012	3	3	3	3	Y
E F Barrett	New York	2511	U00013	3	3	3	3	Y
E F Barrett	New York	2511	U00014	2	2	2	2	Y
E F Barrett	New York	2511	U00015	2	2	2	2	Y
E F Barrett	New York	2511	U00016	3	3	3	3	Y
E F Barrett	New York	2511	U00017	3	3	3	3	Y
E F Barrett	New York	2511	U00018	3	3	3	3	Y
E F Barrett	New York	2511	U00019	3	3	3	3	Y
East River	New York	2493	1	20	20	20	20	Y
East River	New York	2493	2	22	22	22	22	Y
East River	New York	2493	60	137	137	137	137	Y
East River	New York	2493	70	133	133	133	133	Y
Edgewood Energy	New York	55786	CT01	2	2	2	2	Y
Edgewood Energy	New York	55786	CT02	2	2	2	2	Y
Equus Power I	New York	56032	0001	15	15	15	15	Y
Far Rockaway	New York	2513	40	78	78	78	78	Y
Fortistar North Tonawanda Inc	New York	54131	NTCT1	4	4	4	4	Y
Freeport Power Plant No. 2	New York	2679	5	3	3	3	3	Y
Glenwood	New York	2514	40	57	57	57	57	Y
Glenwood	New York	2514	50	46	46	46	46	Y
Glenwood	New York	2514	U00020	1	1	1	1	Y
Glenwood	New York	2514	U00021	1	1	1	1	Y
Glenwood Landing Energy Center	New York	7869	UGT012	3	3	3	3	Y
Glenwood Landing Energy Center	New York	7869	UGT013	3	3	3	3	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Dynegy Roseton	New York	8006	2	Y		Y		
E F Barrett	New York	2511	10	Y		Y		
E F Barrett	New York	2511	20	Y		Y		
E F Barrett	New York	2511	U00012	Y		Y		
E F Barrett	New York	2511	U00013	Y		Y		
E F Barrett	New York	2511	U00014	Y		Y		
E F Barrett	New York	2511	U00015	Y		Y		
E F Barrett	New York	2511	U00016	Y		Y		
E F Barrett	New York	2511	U00017	Y		Y		
E F Barrett	New York	2511	U00018	Y		Y		
E F Barrett	New York	2511	U00019	Y		Y		
East River	New York	2493	1	Y		Y		
East River	New York	2493	2	Y		Y		
East River	New York	2493	60	Y		Y		
East River	New York	2493	70	Y		Y		
Edgewood Energy	New York	55786	CT01	Y		Y		
Edgewood Energy	New York	55786	CT02	Y		Y		
Equus Power I	New York	56032	0001	Y		Y		
Far Rockaway	New York	2513	40	Y		Y		
Fortistar North Tonawanda Inc	New York	54131	NTCT1	Y		Y		
Freeport Power Plant No. 2	New York	2679	5	Y		Y		
Glenwood	New York	2514	40	Y		Y		
Glenwood	New York	2514	50	Y		Y		
Glenwood	New York	2514	U00020	Y		Y		
Glenwood	New York	2514	U00021	Y		Y		
Glenwood Landing Energy Center	New York	7869	UGT012	Y		Y		
Glenwood Landing Energy Center	New York	7869	UGT013	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Harlem River Yard	New York	7914	HR01	8396	376,193	388,716	351,371	72,786	220,638
Harlem River Yard	New York	7914	HR02	8398	367,955	629,509	539,884	80,886	229,988
Hawkeye Energy Greenport, LLC	New York	55969	U-01	88363	384,385	803,319	824,263	483,212	375,431
Hell Gate	New York	7913	HG01	8392	368,106	571,873	588,636	73,521	196,014
Hell Gate	New York	7913	HG02	8394	378,501	549,941	586,722	94,160	248,019
Hillburn	New York	2628	001	1795	13,020	15,929	7,175	2,204	2,590
Holtsville Facility	New York	8007	U00001	3402	37,555	38,363	31,026	30,966	34,977
Holtsville Facility	New York	8007	U00002	3403	37,555	38,363	31,026	30,966	34,977
Holtsville Facility	New York	8007	U00003	3404	46,167	33,379	32,056	20,097	27,491
Holtsville Facility	New York	8007	U00004	3405	46,167	33,379	32,056	20,097	27,491
Holtsville Facility	New York	8007	U00005	3406	44,329	39,249	27,751	27,922	38,038
Holtsville Facility	New York	8007	U00006	3407	44,937	39,416	30,488	28,033	38,038
Holtsville Facility	New York	8007	U00007	3408	42,621	53,184	31,712	31,035	38,134
Holtsville Facility	New York	8007	U00008	3409	42,621	53,184	31,712	31,035	38,134
Holtsville Facility	New York	8007	U00009	3410	43,563	42,731	26,131	35,764	35,425
Holtsville Facility	New York	8007	U00010	3411	43,563	42,731	26,131	35,764	35,425
Holtsville Facility	New York	8007	U00011	3412	33,546	65,490	56,531	39,816	86,927
Holtsville Facility	New York	8007	U00012	3413	33,546	65,490	56,531	39,816	87,150
Holtsville Facility	New York	8007	U00013	3414	70,175	102,513	69,948	45,508	61,353
Holtsville Facility	New York	8007	U00014	3415	70,175	102,513	69,948	45,508	60,570
Holtsville Facility	New York	8007	U00015	3416	31,025	49,202	62,438	30,746	70,379
Holtsville Facility	New York	8007	U00016	3417	31,025	49,202	62,438	30,746	70,295
Holtsville Facility	New York	8007	U00017	3418	51,037	135,684	43,503	42,836	67,744
Holtsville Facility	New York	8007	U00018	3419	51,037	135,684	43,503	42,836	67,646
Holtsville Facility	New York	8007	U00019	3420	40,381	43,892	47,812	33,152	81,186
Holtsville Facility	New York	8007	U00020	3421	40,381	43,892	47,812	33,152	79,717
Huntley Power	New York	2549	67	1781	14,013,512	13,014,386	12,533,499	9,796,553	10,334,101

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Harlem River Yard	New York	7914	HR01	372,093	707,632,553	0.000526	30,235	21,670
Harlem River Yard	New York	7914	HR02	512,449	707,632,553	0.000724	30,235	21,670
Hawkeye Energy Greenport, LLC	New York	55969	U-01	703,598	707,632,553	0.000994	30,235	21,670
Hell Gate	New York	7913	HG01	509,538	707,632,553	0.000720	30,235	21,670
Hell Gate	New York	7913	HG02	505,055	707,632,553	0.000714	30,235	21,670
Hillburn	New York	2628	001	12,041	707,632,553	0.000017	30,235	21,670
Holtsville Facility	New York	8007	U00001	36,965	707,632,553	0.000052	30,235	21,670
Holtsville Facility	New York	8007	U00002	36,965	707,632,553	0.000052	30,235	21,670
Holtsville Facility	New York	8007	U00003	37,201	707,632,553	0.000053	30,235	21,670
Holtsville Facility	New York	8007	U00004	37,201	707,632,553	0.000053	30,235	21,670
Holtsville Facility	New York	8007	U00005	40,539	707,632,553	0.000057	30,235	21,670
Holtsville Facility	New York	8007	U00006	40,797	707,632,553	0.000058	30,235	21,670
Holtsville Facility	New York	8007	U00007	44,646	707,632,553	0.000063	30,235	21,670
Holtsville Facility	New York	8007	U00008	44,646	707,632,553	0.000063	30,235	21,670
Holtsville Facility	New York	8007	U00009	40,686	707,632,553	0.000057	30,235	21,670
Holtsville Facility	New York	8007	U00010	40,686	707,632,553	0.000057	30,235	21,670
Holtsville Facility	New York	8007	U00011	69,649	707,632,553	0.000098	30,235	21,670
Holtsville Facility	New York	8007	U00012	69,724	707,632,553	0.000099	30,235	21,670
Holtsville Facility	New York	8007	U00013	80,879	707,632,553	0.000114	30,235	21,670
Holtsville Facility	New York	8007	U00014	80,879	707,632,553	0.000114	30,235	21,670
Holtsville Facility	New York	8007	U00015	60,673	707,632,553	0.000086	30,235	21,670
Holtsville Facility	New York	8007	U00016	60,645	707,632,553	0.000086	30,235	21,670
Holtsville Facility	New York	8007	U00017	84,821	707,632,553	0.000120	30,235	21,670
Holtsville Facility	New York	8007	U00018	84,789	707,632,553	0.000120	30,235	21,670
Holtsville Facility	New York	8007	U00019	57,630	707,632,553	0.000081	30,235	21,670
Holtsville Facility	New York	8007	U00020	57,140	707,632,553	0.000081	30,235	21,670
Huntley Power	New York	2549	67	13,187,133	707,632,553	0.018636	30,235	21,670

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Harlem River Yard	New York	7914	HR01	20,607	20,607	16	11	11	11
Harlem River Yard	New York	7914	HR02	20,607	20,607	22	16	15	15
Hawkeye Energy Greenport, LLC	New York	55969	U-01	20,607	20,607	30	22	20	20
Hell Gate	New York	7913	HG01	20,607	20,607	22	16	15	15
Hell Gate	New York	7913	HG02	20,607	20,607	22	15	15	15
Hillburn	New York	2628	001	20,607	20,607	1	0	0	0
Holtsville Facility	New York	8007	U00001	20,607	20,607	2	1	1	1
Holtsville Facility	New York	8007	U00002	20,607	20,607	2	1	1	1
Holtsville Facility	New York	8007	U00003	20,607	20,607	2	1	1	1
Holtsville Facility	New York	8007	U00004	20,607	20,607	2	1	1	1
Holtsville Facility	New York	8007	U00005	20,607	20,607	2	1	1	1
Holtsville Facility	New York	8007	U00006	20,607	20,607	2	1	1	1
Holtsville Facility	New York	8007	U00007	20,607	20,607	2	1	1	1
Holtsville Facility	New York	8007	U00008	20,607	20,607	2	1	1	1
Holtsville Facility	New York	8007	U00009	20,607	20,607	2	1	1	1
Holtsville Facility	New York	8007	U00010	20,607	20,607	2	1	1	1
Holtsville Facility	New York	8007	U00011	20,607	20,607	3	2	2	2
Holtsville Facility	New York	8007	U00012	20,607	20,607	3	2	2	2
Holtsville Facility	New York	8007	U00013	20,607	20,607	3	2	2	2
Holtsville Facility	New York	8007	U00014	20,607	20,607	3	2	2	2
Holtsville Facility	New York	8007	U00015	20,607	20,607	3	2	2	2
Holtsville Facility	New York	8007	U00016	20,607	20,607	3	2	2	2
Holtsville Facility	New York	8007	U00017	20,607	20,607	4	3	2	2
Holtsville Facility	New York	8007	U00018	20,607	20,607	4	3	2	2
Holtsville Facility	New York	8007	U00019	20,607	20,607	2	2	2	2
Holtsville Facility	New York	8007	U00020	20,607	20,607	2	2	2	2
Huntley Power	New York	2549	67	20,607	20,607	563	404	384	384

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Harlem River Yard	New York	7914	HR01	0	0	0	0	0	0
Harlem River Yard	New York	7914	HR02	0	0	0	0	0	0
Hawkeye Energy Greenport, LLC	New York	55969	U-01	7	7	11	6	16	17
Hell Gate	New York	7913	HG01	0	0	0	0	0	0
Hell Gate	New York	7913	HG02	0	0	0	0	0	0
Hillburn	New York	2628	001						
Holtsville Facility	New York	8007	U00001						
Holtsville Facility	New York	8007	U00002						
Holtsville Facility	New York	8007	U00003						
Holtsville Facility	New York	8007	U00004						
Holtsville Facility	New York	8007	U00005						
Holtsville Facility	New York	8007	U00006						
Holtsville Facility	New York	8007	U00007						
Holtsville Facility	New York	8007	U00008						
Holtsville Facility	New York	8007	U00009						
Holtsville Facility	New York	8007	U00010						
Holtsville Facility	New York	8007	U00011						
Holtsville Facility	New York	8007	U00012						
Holtsville Facility	New York	8007	U00013						
Holtsville Facility	New York	8007	U00014						
Holtsville Facility	New York	8007	U00015						
Holtsville Facility	New York	8007	U00016						
Holtsville Facility	New York	8007	U00017						
Holtsville Facility	New York	8007	U00018						
Holtsville Facility	New York	8007	U00019						
Holtsville Facility	New York	8007	U00020						
Huntley Power	New York	2549	67	10,997	9,404	5,307	4,155	3,847	3,515

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Harlem River Yard	New York	7914	HR01	0	0	0			
Harlem River Yard	New York	7914	HR02	0	0	0			
Hawkeye Energy Greenport, LLC	New York	55969	U-01	7	6	17			
Hell Gate	New York	7913	HG01	0	0	0			
Hell Gate	New York	7913	HG02	0	0	0			
Hillburn	New York	2628	001	0	0	0			
Holtsville Facility	New York	8007	U00001	8	9	9			
Holtsville Facility	New York	8007	U00002	8	9	9			
Holtsville Facility	New York	8007	U00003	5	7	7			
Holtsville Facility	New York	8007	U00004	5	7	7			
Holtsville Facility	New York	8007	U00005	0	10	10			
Holtsville Facility	New York	8007	U00006	0	10	10			
Holtsville Facility	New York	8007	U00007	8	10	10			
Holtsville Facility	New York	8007	U00008	8	10	10			
Holtsville Facility	New York	8007	U00009	9	9	9			
Holtsville Facility	New York	8007	U00010	9	9	9			
Holtsville Facility	New York	8007	U00011	10	22	22			
Holtsville Facility	New York	8007	U00012	10	22	22			
Holtsville Facility	New York	8007	U00013	11	15	15			
Holtsville Facility	New York	8007	U00014	11	15	15			
Holtsville Facility	New York	8007	U00015	8	18	18			
Holtsville Facility	New York	8007	U00016	8	18	18			
Holtsville Facility	New York	8007	U00017	11	17	17			
Holtsville Facility	New York	8007	U00018	11	17	17			
Holtsville Facility	New York	8007	U00019	8	20	20			
Holtsville Facility	New York	8007	U00020	8	20	20			
Huntley Power	New York	2549	67	2,964	2,895	10,997			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Harlem River Yard	New York	7914	HR01				5	4	3
Harlem River Yard	New York	7914	HR02				4	4	3
Hawkeye Energy Greenport, LLC	New York	55969	U-01				5	4	6
Hell Gate	New York	7913	HG01				6	4	4
Hell Gate	New York	7913	HG02				6	4	4
Hillburn	New York	2628	001				16	1	4
Holtsville Facility	New York	8007	U00001				25	13	13
Holtsville Facility	New York	8007	U00002				25	13	13
Holtsville Facility	New York	8007	U00003				40	18	22
Holtsville Facility	New York	8007	U00004				40	18	22
Holtsville Facility	New York	8007	U00005				61	26	32
Holtsville Facility	New York	8007	U00006				61	26	33
Holtsville Facility	New York	8007	U00007				20	22	43
Holtsville Facility	New York	8007	U00008				20	22	43
Holtsville Facility	New York	8007	U00009				26	12	52
Holtsville Facility	New York	8007	U00010				26	12	52
Holtsville Facility	New York	8007	U00011				21	10	37
Holtsville Facility	New York	8007	U00012				21	10	37
Holtsville Facility	New York	8007	U00013				47	21	61
Holtsville Facility	New York	8007	U00014				47	21	61
Holtsville Facility	New York	8007	U00015				24	8	23
Holtsville Facility	New York	8007	U00016				24	8	23
Holtsville Facility	New York	8007	U00017				35	47	40
Holtsville Facility	New York	8007	U00018				35	47	40
Holtsville Facility	New York	8007	U00019				22	51	60
Holtsville Facility	New York	8007	U00020				22	51	60
Huntley Power	New York	2549	67				1,584	1,388	1,057

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Harlem River Yard	New York	7914	HR01	2	2	2	0	1	5
Harlem River Yard	New York	7914	HR02	2	3	3	1	1	4
Hawkeye Energy Greenport, LLC	New York	55969	U-01	4	9	10	6	5	10
Hell Gate	New York	7913	HG01	2	3	3	0	1	6
Hell Gate	New York	7913	HG02	2	3	4	1	1	6
Hillburn	New York	2628	001	3	3	1	1	1	16
Holtsville Facility	New York	8007	U00001	13	16	11	15	17	25
Holtsville Facility	New York	8007	U00002	13	16	11	15	17	25
Holtsville Facility	New York	8007	U00003	19	13	12	10	13	40
Holtsville Facility	New York	8007	U00004	19	13	12	10	13	40
Holtsville Facility	New York	8007	U00005	14	14	9	9	18	61
Holtsville Facility	New York	8007	U00006	14	13	9	9	18	61
Holtsville Facility	New York	8007	U00007	17	21	13	15	18	43
Holtsville Facility	New York	8007	U00008	17	21	13	15	18	43
Holtsville Facility	New York	8007	U00009	16	17	11	17	17	52
Holtsville Facility	New York	8007	U00010	16	17	11	17	17	52
Holtsville Facility	New York	8007	U00011	15	27	23	19	25	37
Holtsville Facility	New York	8007	U00012	15	27	23	19	26	37
Holtsville Facility	New York	8007	U00013	32	43	31	22	16	61
Holtsville Facility	New York	8007	U00014	32	43	31	22	15	61
Holtsville Facility	New York	8007	U00015	11	19	25	15	18	25
Holtsville Facility	New York	8007	U00016	11	19	25	15	19	25
Holtsville Facility	New York	8007	U00017	23	61	20	21	19	61
Holtsville Facility	New York	8007	U00018	23	61	20	21	20	61
Holtsville Facility	New York	8007	U00019	18	20	22	16	20	60
Holtsville Facility	New York	8007	U00020	18	20	22	16	20	60
Huntley Power	New York	2549	67	1,031	951	927	757	802	1,584

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Harlem River Yard	New York	7914	HR01						
Harlem River Yard	New York	7914	HR02						
Hawkeye Energy Greenport, LLC	New York	55969	U-01						
Hell Gate	New York	7913	HG01						
Hell Gate	New York	7913	HG02						
Hillburn	New York	2628	001						
Holtsville Facility	New York	8007	U00001						
Holtsville Facility	New York	8007	U00002						
Holtsville Facility	New York	8007	U00003						
Holtsville Facility	New York	8007	U00004						
Holtsville Facility	New York	8007	U00005						
Holtsville Facility	New York	8007	U00006						
Holtsville Facility	New York	8007	U00007						
Holtsville Facility	New York	8007	U00008						
Holtsville Facility	New York	8007	U00009						
Holtsville Facility	New York	8007	U00010						
Holtsville Facility	New York	8007	U00011						
Holtsville Facility	New York	8007	U00012						
Holtsville Facility	New York	8007	U00013						
Holtsville Facility	New York	8007	U00014						
Holtsville Facility	New York	8007	U00015						
Holtsville Facility	New York	8007	U00016						
Holtsville Facility	New York	8007	U00017						
Holtsville Facility	New York	8007	U00018						
Holtsville Facility	New York	8007	U00019						
Holtsville Facility	New York	8007	U00020						
Huntley Power	New York	2549	67						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Harlem River Yard	New York	7914	HR01	0	0	0	0
Harlem River Yard	New York	7914	HR02	0	0	0	0
Hawkeye Energy Greenport, LLC	New York	55969	U-01	17	17	17	17
Hell Gate	New York	7913	HG01	0	0	0	0
Hell Gate	New York	7913	HG02	0	0	0	0
Hillburn	New York	2628	001	0	0	0	0
Holtsville Facility	New York	8007	U00001	3	3	2	2
Holtsville Facility	New York	8007	U00002	3	3	2	2
Holtsville Facility	New York	8007	U00003	3	3	2	2
Holtsville Facility	New York	8007	U00004	3	3	2	2
Holtsville Facility	New York	8007	U00005	3	3	2	2
Holtsville Facility	New York	8007	U00006	3	3	2	2
Holtsville Facility	New York	8007	U00007	4	4	3	3
Holtsville Facility	New York	8007	U00008	4	4	3	3
Holtsville Facility	New York	8007	U00009	3	3	2	2
Holtsville Facility	New York	8007	U00010	3	3	2	2
Holtsville Facility	New York	8007	U00011	6	6	4	4
Holtsville Facility	New York	8007	U00012	6	6	4	4
Holtsville Facility	New York	8007	U00013	7	7	5	5
Holtsville Facility	New York	8007	U00014	7	7	5	5
Holtsville Facility	New York	8007	U00015	5	5	4	4
Holtsville Facility	New York	8007	U00016	5	5	4	4
Holtsville Facility	New York	8007	U00017	7	7	5	5
Holtsville Facility	New York	8007	U00018	7	7	5	5
Holtsville Facility	New York	8007	U00019	5	5	3	3
Holtsville Facility	New York	8007	U00020	5	5	3	3
Huntley Power	New York	2549	67	1,125	1,125	776	776

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Harlem River Yard	New York	7914	HR01	0	0	5	5
Harlem River Yard	New York	7914	HR02	0	0	4	4
Hawkeye Energy Greenport, LLC	New York	55969	U-01	17	17	10	10
Hell Gate	New York	7913	HG01	0	0	6	6
Hell Gate	New York	7913	HG02	0	0	6	6
Hillburn	New York	2628	001	0	0	1	1
Holtsville Facility	New York	8007	U00001	2	2	2	2
Holtsville Facility	New York	8007	U00002	2	2	2	2
Holtsville Facility	New York	8007	U00003	2	2	2	2
Holtsville Facility	New York	8007	U00004	2	2	2	2
Holtsville Facility	New York	8007	U00005	2	2	2	2
Holtsville Facility	New York	8007	U00006	2	2	2	2
Holtsville Facility	New York	8007	U00007	3	3	2	2
Holtsville Facility	New York	8007	U00008	3	3	2	2
Holtsville Facility	New York	8007	U00009	2	2	2	2
Holtsville Facility	New York	8007	U00010	2	2	2	2
Holtsville Facility	New York	8007	U00011	4	4	3	3
Holtsville Facility	New York	8007	U00012	4	4	3	3
Holtsville Facility	New York	8007	U00013	5	5	3	3
Holtsville Facility	New York	8007	U00014	5	5	3	3
Holtsville Facility	New York	8007	U00015	4	4	3	3
Holtsville Facility	New York	8007	U00016	4	4	3	3
Holtsville Facility	New York	8007	U00017	5	5	4	4
Holtsville Facility	New York	8007	U00018	5	5	4	4
Holtsville Facility	New York	8007	U00019	3	3	2	2
Holtsville Facility	New York	8007	U00020	3	3	2	2
Huntley Power	New York	2549	67	776	776	562	562

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Harlem River Yard	New York	7914	HR01	5	5	5	5
Harlem River Yard	New York	7914	HR02	4	4	4	4
Hawkeye Energy Greenport, LLC	New York	55969	U-01	10	10	10	10
Hell Gate	New York	7913	HG01	6	6	6	6
Hell Gate	New York	7913	HG02	6	6	6	6
Hillburn	New York	2628	001	1	1	1	1
Holtsville Facility	New York	8007	U00001	2	2	2	2
Holtsville Facility	New York	8007	U00002	2	2	2	2
Holtsville Facility	New York	8007	U00003	2	2	2	2
Holtsville Facility	New York	8007	U00004	2	2	2	2
Holtsville Facility	New York	8007	U00005	2	2	2	2
Holtsville Facility	New York	8007	U00006	2	2	2	2
Holtsville Facility	New York	8007	U00007	2	2	2	2
Holtsville Facility	New York	8007	U00008	2	2	2	2
Holtsville Facility	New York	8007	U00009	2	2	2	2
Holtsville Facility	New York	8007	U00010	2	2	2	2
Holtsville Facility	New York	8007	U00011	3	3	3	3
Holtsville Facility	New York	8007	U00012	3	3	3	3
Holtsville Facility	New York	8007	U00013	3	3	3	3
Holtsville Facility	New York	8007	U00014	3	3	3	3
Holtsville Facility	New York	8007	U00015	3	3	3	3
Holtsville Facility	New York	8007	U00016	3	3	3	3
Holtsville Facility	New York	8007	U00017	4	4	4	4
Holtsville Facility	New York	8007	U00018	4	4	4	4
Holtsville Facility	New York	8007	U00019	2	2	2	2
Holtsville Facility	New York	8007	U00020	2	2	2	2
Huntley Power	New York	2549	67	562	562	562	562

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Harlem River Yard	New York	7914	HR01	250,312	304,152	247,607	53,479	184,613	267,357
Harlem River Yard	New York	7914	HR02	248,778	401,822	390,326	48,890	201,220	346,975
Hawkeye Energy Greenport, LLC	New York	55969	U-01	373,944	754,375	801,643	470,134	285,295	675,384
Hell Gate	New York	7913	HG01	242,877	378,042	413,036	54,138	154,412	344,652
Hell Gate	New York	7913	HG02	271,437	358,532	447,870	51,480	171,222	359,280
Hillburn	New York	2628	001	12,186	6,102	4,754	892	1,896	7,681
Holtsville Facility	New York	8007	U00001	30,983	22,251	26,188	12,453	24,635	27,269
Holtsville Facility	New York	8007	U00002	30,983	22,251	26,188	12,453	24,635	27,269
Holtsville Facility	New York	8007	U00003	39,752	21,571	29,992	14,816	24,561	31,435
Holtsville Facility	New York	8007	U00004	39,752	21,571	29,992	14,816	24,561	31,435
Holtsville Facility	New York	8007	U00005	38,961	17,365	22,482	7,794	34,304	31,916
Holtsville Facility	New York	8007	U00006	39,479	18,087	24,882	7,901	34,304	32,888
Holtsville Facility	New York	8007	U00007	36,042	38,448	24,777	9,218	30,397	34,962
Holtsville Facility	New York	8007	U00008	36,042	38,448	24,777	9,218	30,397	34,962
Holtsville Facility	New York	8007	U00009	38,718	32,552	22,872	9,027	28,637	33,302
Holtsville Facility	New York	8007	U00010	38,718	32,552	22,872	9,027	28,637	33,302
Holtsville Facility	New York	8007	U00011	30,537	47,085	50,648	28,927	83,550	60,427
Holtsville Facility	New York	8007	U00012	30,537	47,085	50,648	28,927	83,773	60,502
Holtsville Facility	New York	8007	U00013	63,304	51,378	47,564	38,711	54,613	56,432
Holtsville Facility	New York	8007	U00014	63,304	51,378	47,564	38,711	53,829	56,170
Holtsville Facility	New York	8007	U00015	27,726	29,914	55,445	17,705	69,392	51,584
Holtsville Facility	New York	8007	U00016	27,726	29,914	55,445	17,705	69,308	51,556
Holtsville Facility	New York	8007	U00017	43,762	73,873	41,387	36,074	57,508	58,381
Holtsville Facility	New York	8007	U00018	43,762	73,873	41,387	36,074	57,411	58,349
Holtsville Facility	New York	8007	U00019	37,047	36,762	43,967	22,813	76,504	52,506
Holtsville Facility	New York	8007	U00020	37,047	36,762	43,967	22,813	75,035	52,016
Huntley Power	New York	2549	67	4,939,604	4,120,529	5,866,045	4,126,772	4,732,836	5,179,495

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Harlem River Yard	New York	7914	HR01	338,914,478	0.000789	10,037	10,037	8	8
Harlem River Yard	New York	7914	HR02	338,914,478	0.001024	10,037	10,037	10	10
Hawkeye Energy Greenport, LLC	New York	55969	U-01	338,914,478	0.001993	10,037	10,037	20	20
Hell Gate	New York	7913	HG01	338,914,478	0.001017	10,037	10,037	10	10
Hell Gate	New York	7913	HG02	338,914,478	0.001060	10,037	10,037	11	11
Hillburn	New York	2628	001	338,914,478	0.000023	10,037	10,037	0	0
Holtsville Facility	New York	8007	U00001	338,914,478	0.000080	10,037	10,037	1	1
Holtsville Facility	New York	8007	U00002	338,914,478	0.000080	10,037	10,037	1	1
Holtsville Facility	New York	8007	U00003	338,914,478	0.000093	10,037	10,037	1	1
Holtsville Facility	New York	8007	U00004	338,914,478	0.000093	10,037	10,037	1	1
Holtsville Facility	New York	8007	U00005	338,914,478	0.000094	10,037	10,037	1	1
Holtsville Facility	New York	8007	U00006	338,914,478	0.000097	10,037	10,037	1	1
Holtsville Facility	New York	8007	U00007	338,914,478	0.000103	10,037	10,037	1	1
Holtsville Facility	New York	8007	U00008	338,914,478	0.000103	10,037	10,037	1	1
Holtsville Facility	New York	8007	U00009	338,914,478	0.000098	10,037	10,037	1	1
Holtsville Facility	New York	8007	U00010	338,914,478	0.000098	10,037	10,037	1	1
Holtsville Facility	New York	8007	U00011	338,914,478	0.000178	10,037	10,037	2	2
Holtsville Facility	New York	8007	U00012	338,914,478	0.000179	10,037	10,037	2	2
Holtsville Facility	New York	8007	U00013	338,914,478	0.000167	10,037	10,037	2	2
Holtsville Facility	New York	8007	U00014	338,914,478	0.000166	10,037	10,037	2	2
Holtsville Facility	New York	8007	U00015	338,914,478	0.000152	10,037	10,037	2	2
Holtsville Facility	New York	8007	U00016	338,914,478	0.000152	10,037	10,037	2	2
Holtsville Facility	New York	8007	U00017	338,914,478	0.000172	10,037	10,037	2	2
Holtsville Facility	New York	8007	U00018	338,914,478	0.000172	10,037	10,037	2	2
Holtsville Facility	New York	8007	U00019	338,914,478	0.000155	10,037	10,037	2	2
Holtsville Facility	New York	8007	U00020	338,914,478	0.000153	10,037	10,037	2	2
Huntley Power	New York	2549	67	338,914,478	0.015283	10,037	10,037	153	153

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Harlem River Yard	New York	7914	HR01	3	2	2	1	2	1
Harlem River Yard	New York	7914	HR02	2	2	2	1	2	2
Hawkeye Energy Greenport, LLC	New York	55969	U-01	4	4	6	4	9	10
Hell Gate	New York	7913	HG01	3	2	2	1	2	2
Hell Gate	New York	7913	HG02	3	2	2	1	2	3
Hillburn	New York	2628	001	4	0	3	3	1	1
Holtsville Facility	New York	8007	U00001	23	11	10	11	10	9
Holtsville Facility	New York	8007	U00002	23	11	10	11	10	9
Holtsville Facility	New York	8007	U00003	39	14	18	16	9	11
Holtsville Facility	New York	8007	U00004	39	14	18	16	9	11
Holtsville Facility	New York	8007	U00005	53	20	16	12	5	7
Holtsville Facility	New York	8007	U00006	53	20	16	12	5	7
Holtsville Facility	New York	8007	U00007	15	8	19	15	16	10
Holtsville Facility	New York	8007	U00008	15	8	19	15	16	10
Holtsville Facility	New York	8007	U00009	26	5	19	14	13	9
Holtsville Facility	New York	8007	U00010	26	5	19	14	13	9
Holtsville Facility	New York	8007	U00011	13	7	22	14	19	20
Holtsville Facility	New York	8007	U00012	13	7	22	14	19	20
Holtsville Facility	New York	8007	U00013	45	9	34	29	21	22
Holtsville Facility	New York	8007	U00014	45	9	34	29	21	22
Holtsville Facility	New York	8007	U00015	23	5	15	10	12	22
Holtsville Facility	New York	8007	U00016	23	5	15	10	12	22
Holtsville Facility	New York	8007	U00017	34	23	28	20	33	19
Holtsville Facility	New York	8007	U00018	34	23	28	20	33	19
Holtsville Facility	New York	8007	U00019	18	21	22	17	17	20
Holtsville Facility	New York	8007	U00020	18	21	22	17	17	20
Huntley Power	New York	2549	67	638	527	379	376	298	430

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Harlem River Yard	New York	7914	HR01	0	1	3			
Harlem River Yard	New York	7914	HR02	0	1	2			
Hawkeye Energy Greenport, LLC	New York	55969	U-01	6	3	10			
Hell Gate	New York	7913	HG01	0	1	3			
Hell Gate	New York	7913	HG02	0	1	3			
Hillburn	New York	2628	001	0	1	4			
Holtsville Facility	New York	8007	U00001	6	12	23			
Holtsville Facility	New York	8007	U00002	6	12	23			
Holtsville Facility	New York	8007	U00003	7	12	39			
Holtsville Facility	New York	8007	U00004	7	12	39			
Holtsville Facility	New York	8007	U00005	2	17	53			
Holtsville Facility	New York	8007	U00006	2	17	53			
Holtsville Facility	New York	8007	U00007	5	15	19			
Holtsville Facility	New York	8007	U00008	5	15	19			
Holtsville Facility	New York	8007	U00009	4	14	26			
Holtsville Facility	New York	8007	U00010	4	14	26			
Holtsville Facility	New York	8007	U00011	14	24	24			
Holtsville Facility	New York	8007	U00012	14	25	25			
Holtsville Facility	New York	8007	U00013	19	13	45			
Holtsville Facility	New York	8007	U00014	19	12	45			
Holtsville Facility	New York	8007	U00015	9	18	23			
Holtsville Facility	New York	8007	U00016	9	18	23			
Holtsville Facility	New York	8007	U00017	17	15	34			
Holtsville Facility	New York	8007	U00018	17	15	34			
Holtsville Facility	New York	8007	U00019	11	18	22			
Holtsville Facility	New York	8007	U00020	11	17	22			
Huntley Power	New York	2549	67	318	386	638			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Harlem River Yard	New York	7914	HR01				3	3
Harlem River Yard	New York	7914	HR02				2	2
Hawkeye Energy Greenport, LLC	New York	55969	U-01				10	10
Hell Gate	New York	7913	HG01				3	3
Hell Gate	New York	7913	HG02				3	3
Hillburn	New York	2628	001				0	0
Holtsville Facility	New York	8007	U00001				1	1
Holtsville Facility	New York	8007	U00002				1	1
Holtsville Facility	New York	8007	U00003				1	1
Holtsville Facility	New York	8007	U00004				1	1
Holtsville Facility	New York	8007	U00005				1	1
Holtsville Facility	New York	8007	U00006				1	1
Holtsville Facility	New York	8007	U00007				1	1
Holtsville Facility	New York	8007	U00008				1	1
Holtsville Facility	New York	8007	U00009				1	1
Holtsville Facility	New York	8007	U00010				1	1
Holtsville Facility	New York	8007	U00011				3	3
Holtsville Facility	New York	8007	U00012				3	3
Holtsville Facility	New York	8007	U00013				2	2
Holtsville Facility	New York	8007	U00014				2	2
Holtsville Facility	New York	8007	U00015				2	2
Holtsville Facility	New York	8007	U00016				2	2
Holtsville Facility	New York	8007	U00017				2	2
Holtsville Facility	New York	8007	U00018				2	2
Holtsville Facility	New York	8007	U00019				2	2
Holtsville Facility	New York	8007	U00020				2	2
Huntley Power	New York	2549	67				219	219

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Harlem River Yard	New York	7914	HR01	3	3	3	3	Y
Harlem River Yard	New York	7914	HR02	2	2	2	2	Y
Hawkeye Energy Greenport, LLC	New York	55969	U-01	10	10	10	10	Y
Hell Gate	New York	7913	HG01	3	3	3	3	Y
Hell Gate	New York	7913	HG02	3	3	3	3	Y
Hillburn	New York	2628	001	0	0	0	0	Y
Holtsville Facility	New York	8007	U00001	1	1	1	1	Y
Holtsville Facility	New York	8007	U00002	1	1	1	1	Y
Holtsville Facility	New York	8007	U00003	1	1	1	1	Y
Holtsville Facility	New York	8007	U00004	1	1	1	1	Y
Holtsville Facility	New York	8007	U00005	1	1	1	1	Y
Holtsville Facility	New York	8007	U00006	1	1	1	1	Y
Holtsville Facility	New York	8007	U00007	1	1	1	1	Y
Holtsville Facility	New York	8007	U00008	1	1	1	1	Y
Holtsville Facility	New York	8007	U00009	1	1	1	1	Y
Holtsville Facility	New York	8007	U00010	1	1	1	1	Y
Holtsville Facility	New York	8007	U00011	3	3	3	3	Y
Holtsville Facility	New York	8007	U00012	3	3	3	3	Y
Holtsville Facility	New York	8007	U00013	2	2	2	2	Y
Holtsville Facility	New York	8007	U00014	2	2	2	2	Y
Holtsville Facility	New York	8007	U00015	2	2	2	2	Y
Holtsville Facility	New York	8007	U00016	2	2	2	2	Y
Holtsville Facility	New York	8007	U00017	2	2	2	2	Y
Holtsville Facility	New York	8007	U00018	2	2	2	2	Y
Holtsville Facility	New York	8007	U00019	2	2	2	2	Y
Holtsville Facility	New York	8007	U00020	2	2	2	2	Y
Huntley Power	New York	2549	67	219	219	219	219	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Harlem River Yard	New York	7914	HR01	Y		Y		
Harlem River Yard	New York	7914	HR02	Y		Y		
Hawkeye Energy Greenport, LLC	New York	55969	U-01	Y		Y		
Hell Gate	New York	7913	HG01	Y		Y		
Hell Gate	New York	7913	HG02	Y		Y		
Hillburn	New York	2628	001	Y		Y		
Holtsville Facility	New York	8007	U00001	Y		Y		
Holtsville Facility	New York	8007	U00002	Y		Y		
Holtsville Facility	New York	8007	U00003	Y		Y		
Holtsville Facility	New York	8007	U00004	Y		Y		
Holtsville Facility	New York	8007	U00005	Y		Y		
Holtsville Facility	New York	8007	U00006	Y		Y		
Holtsville Facility	New York	8007	U00007	Y		Y		
Holtsville Facility	New York	8007	U00008	Y		Y		
Holtsville Facility	New York	8007	U00009	Y		Y		
Holtsville Facility	New York	8007	U00010	Y		Y		
Holtsville Facility	New York	8007	U00011	Y		Y		
Holtsville Facility	New York	8007	U00012	Y		Y		
Holtsville Facility	New York	8007	U00013	Y		Y		
Holtsville Facility	New York	8007	U00014	Y		Y		
Holtsville Facility	New York	8007	U00015	Y		Y		
Holtsville Facility	New York	8007	U00016	Y		Y		
Holtsville Facility	New York	8007	U00017	Y		Y		
Holtsville Facility	New York	8007	U00018	Y		Y		
Holtsville Facility	New York	8007	U00019	Y		Y		
Holtsville Facility	New York	8007	U00020	Y		Y		
Huntley Power	New York	2549	67	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Huntley Power	New York	2549	68	1782	14,228,051	12,454,094	11,910,892	9,975,567	11,306,860
Indeck-Corinth Energy Center	New York	50458	1	3663	4,008,237	4,188,342	6,237,433	3,573,900	4,918,496
Indeck-Olean Energy Center	New York	54076	1	3747	710,261	2,064,389	2,357,929	1,587,435	2,363,932
Indeck-Oswego Energy Center	New York	50450	1	3661	88,837	227,753	104,070	36,232	85,767
Indeck-Silver Springs Energy Center	New York	50449	1	3660	1,084,986	127,769	66,846	42,198	112,269
Indeck-Yerkes Energy Center	New York	50451	1	3662	138,939	207,923	72,530	64,783	195,151
Independence	New York	54547	1	3774	3,447,450	4,273,818	2,585,633	5,145,677	6,265,091
Independence	New York	54547	2	3775	3,300,486	4,060,303	2,982,807	6,275,679	6,040,417
Independence	New York	54547	3	3776	3,148,240	5,009,795	1,599,736	5,085,875	6,655,472
Independence	New York	54547	4	3777	2,916,004	4,694,522	1,902,427	5,327,863	6,813,438
KIAC Cogeneration	New York	54114	GT1	3752	3,021,044	2,667,092	2,527,690	2,848,386	2,855,910
KIAC Cogeneration	New York	54114	GT2	3753	2,252,812	2,347,662	2,131,502	1,918,658	2,568,451
Lockport	New York	54041	011854	3743	1,303,793	2,123,976	39,481	40,939	153,303
Lockport	New York	54041	011855	3744	2,106,819	1,826,201	36,893	34,659	149,405
Lockport	New York	54041	011856	3745	2,258,718	2,168,059	57,588	45,596	150,268
Massena Energy Facility	New York	54592	001	3783	10,367	116,301	33,716	12,648	52,812
NRG Dunkirk Power	New York	2554	1	1783	6,051,806	6,556,043	7,206,246	4,888,642	4,453,416
NRG Dunkirk Power	New York	2554	2	1784	7,085,865	6,721,534	7,175,479	4,667,953	4,597,643
NRG Dunkirk Power	New York	2554	3	1785	10,796,224	12,208,225	11,863,016	9,500,365	10,865,602
NRG Dunkirk Power	New York	2554	4	1786	10,814,865	10,226,471	11,882,420	8,524,150	9,330,466
Nassau Energy Corporation	New York	52056	00004	3714	3,932,172	4,352,729	4,069,349	3,748,505	4,534,972
Niagara Generation, LLC	New York	50202	1	3641	4,880,868	2,347,813	4,080,774	1,896,539	851,706
Nissequoque Cogen	New York	54149	1	3757	3,368,109	3,114,364	3,221,082	3,028,472	3,494,803
North 1st	New York	7915	NO1	8400	850,144	1,188,120	802,899	127,312	534,363
Northport	New York	2516	1	1743	14,236,435	20,057,523	11,401,614	8,687,516	14,494,393
Northport	New York	2516	2	1744	18,897,827	11,661,692	12,048,553	8,111,147	10,825,688
Northport	New York	2516	3	1745	17,283,474	10,714,457	10,550,479	7,195,012	14,903,673

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Huntley Power	New York	2549	68	12,864,345	707,632,553	0.018179	30,235	21,670
Indeck-Corinth Energy Center	New York	50458	1	5,114,757	707,632,553	0.007228	30,235	21,670
Indeck-Olean Energy Center	New York	54076	1	2,262,083	707,632,553	0.003197	30,235	21,670
Indeck-Oswego Energy Center	New York	50450	1	140,220	707,632,553	0.000198	30,235	21,670
Indeck-Silver Springs Energy Center	New York	50449	1	441,674	707,632,553	0.000624	30,235	21,670
Indeck-Yerkes Energy Center	New York	50451	1	180,671	707,632,553	0.000255	30,235	21,670
Independence	New York	54547	1	5,228,195	707,632,553	0.007388	30,235	21,670
Independence	New York	54547	2	5,458,800	707,632,553	0.007714	30,235	21,670
Independence	New York	54547	3	5,583,714	707,632,553	0.007891	30,235	21,670
Independence	New York	54547	4	5,611,941	707,632,553	0.007931	30,235	21,670
KIAC Cogeneration	New York	54114	GT1	2,908,447	707,632,553	0.004110	30,235	21,670
KIAC Cogeneration	New York	54114	GT2	2,389,642	707,632,553	0.003377	30,235	21,670
Lockport	New York	54041	011854	1,193,691	707,632,553	0.001687	30,235	21,670
Lockport	New York	54041	011855	1,360,808	707,632,553	0.001923	30,235	21,670
Lockport	New York	54041	011856	1,525,682	707,632,553	0.002156	30,235	21,670
Massena Energy Facility	New York	54592	001	67,610	707,632,553	0.000096	30,235	21,670
NRG Dunkirk Power	New York	2554	1	6,604,698	707,632,553	0.009334	30,235	21,670
NRG Dunkirk Power	New York	2554	2	6,994,293	707,632,553	0.009884	30,235	21,670
NRG Dunkirk Power	New York	2554	3	11,645,614	707,632,553	0.016457	30,235	21,670
NRG Dunkirk Power	New York	2554	4	10,974,585	707,632,553	0.015509	30,235	21,670
Nassau Energy Corporation	New York	52056	00004	4,319,017	707,632,553	0.006103	30,235	21,670
Niagara Generation, LLC	New York	50202	1	3,769,818	707,632,553	0.005327	30,235	21,670
Nissequogue Cogen	New York	54149	1	3,361,331	707,632,553	0.004750	30,235	21,670
North 1st	New York	7915	NO1	947,054	707,632,553	0.001338	30,235	21,670
Northport	New York	2516	1	16,262,784	707,632,553	0.022982	30,235	21,670
Northport	New York	2516	2	14,202,690	707,632,553	0.020071	30,235	21,670
Northport	New York	2516	3	14,300,535	707,632,553	0.020209	30,235	21,670

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Huntley Power	New York	2549	68	20,607	20,607	550	394	375	375
Indeck-Corinth Energy Center	New York	50458	1	20,607	20,607	219	157	149	149
Indeck-Olean Energy Center	New York	54076	1	20,607	20,607	97	69	66	66
Indeck-Oswego Energy Center	New York	50450	1	20,607	20,607	6	4	4	4
Indeck-Silver Springs Energy Center	New York	50449	1	20,607	20,607	19	14	13	13
Indeck-Yerkes Energy Center	New York	50451	1	20,607	20,607	8	6	5	5
Independence	New York	54547	1	20,607	20,607	223	160	152	152
Independence	New York	54547	2	20,607	20,607	233	167	159	159
Independence	New York	54547	3	20,607	20,607	239	171	163	163
Independence	New York	54547	4	20,607	20,607	240	172	163	163
KIAC Cogeneration	New York	54114	GT1	20,607	20,607	124	89	85	85
KIAC Cogeneration	New York	54114	GT2	20,607	20,607	102	73	70	70
Lockport	New York	54041	011854	20,607	20,607	51	37	35	35
Lockport	New York	54041	011855	20,607	20,607	58	42	40	40
Lockport	New York	54041	011856	20,607	20,607	65	47	44	44
Massena Energy Facility	New York	54592	001	20,607	20,607	3	2	2	2
NRG Dunkirk Power	New York	2554	1	20,607	20,607	282	202	192	192
NRG Dunkirk Power	New York	2554	2	20,607	20,607	299	214	204	204
NRG Dunkirk Power	New York	2554	3	20,607	20,607	498	357	339	339
NRG Dunkirk Power	New York	2554	4	20,607	20,607	469	336	320	320
Nassau Energy Corporation	New York	52056	00004	20,607	20,607	185	132	126	126
Niagara Generation, LLC	New York	50202	1	20,607	20,607	161	115	110	110
Nissequogue Cogen	New York	54149	1	20,607	20,607	144	103	98	98
North 1st	New York	7915	NO1	20,607	20,607	40	29	28	28
Northport	New York	2516	1	20,607	20,607	695	498	474	474
Northport	New York	2516	2	20,607	20,607	607	435	414	414
Northport	New York	2516	3	20,607	20,607	611	438	416	416

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Huntley Power	New York	2549	68	11,518	10,237	5,777	4,447	3,583	3,337
Indeck-Corinth Energy Center	New York	50458	1	6	4	2	1	1	2
Indeck-Olean Energy Center	New York	54076	1	2	5	5	1	1	1
Indeck-Oswego Energy Center	New York	50450	1	0	0	0	0	0	0
Indeck-Silver Springs Energy Center	New York	50449	1	4	0	0	2	0	0
Indeck-Yerkes Energy Center	New York	50451	1	0	0	0	0	0	0
Independence	New York	54547	1		1	2	1	1	1
Independence	New York	54547	2		1	2	1	1	1
Independence	New York	54547	3		1	1	1	2	0
Independence	New York	54547	4		1	2	1	1	1
KIAC Cogeneration	New York	54114	GT1						
KIAC Cogeneration	New York	54114	GT2						
Lockport	New York	54041	011854						0
Lockport	New York	54041	011855						0
Lockport	New York	54041	011856						0
Massena Energy Facility	New York	54592	001	0	0	0	0	0	0
NRG Dunkirk Power	New York	2554	1	9,355	5,732	4,554	2,119	1,819	2,017
NRG Dunkirk Power	New York	2554	2	8,976	5,881	4,847	1,916	1,869	2,006
NRG Dunkirk Power	New York	2554	3	15,591	10,266	5,627	3,050	3,418	3,316
NRG Dunkirk Power	New York	2554	4	14,346	8,745	4,769	2,986	2,824	3,301
Nassau Energy Corporation	New York	52056	00004						
Niagara Generation, LLC	New York	50202	1	902	978	980	1,092	544	926
Nissequogue Cogen	New York	54149	1						
North 1st	New York	7915	NO1	0	0	0	0	0	0
Northport	New York	2516	1	8,893	7,768	2,808	1,501	2,727	500
Northport	New York	2516	2	9,486	8,221	7,039	2,204	2,566	1,940
Northport	New York	2516	3	9,145	6,333	5,830	3,987	2,957	1,828

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Huntley Power	New York	2549	68	3,054	3,146	11,518			
Indeck-Corinth Energy Center	New York	50458	1	1	1	6			
Indeck-Olean Energy Center	New York	54076	1	0	1	5			
Indeck-Oswego Energy Center	New York	50450	1	0	0	0			
Indeck-Silver Springs Energy Center	New York	50449	1	0	0	4			
Indeck-Yerkes Energy Center	New York	50451	1	0	0	0			
Independence	New York	54547	1	2	2	2			
Independence	New York	54547	2	2	2	2			
Independence	New York	54547	3	2	2	2			
Independence	New York	54547	4	2	2	2			
KIAC Cogeneration	New York	54114	GT1	1	1	1			
KIAC Cogeneration	New York	54114	GT2	1	1	1			
Lockport	New York	54041	011854	0	0	0			
Lockport	New York	54041	011855	0	0	0			
Lockport	New York	54041	011856	0	0	0			
Massena Energy Facility	New York	54592	001	0	0	0			
NRG Dunkirk Power	New York	2554	1	1,437	1,147	9,355			
NRG Dunkirk Power	New York	2554	2	1,392	1,195	8,976			
NRG Dunkirk Power	New York	2554	3	2,855	2,750	15,591			
NRG Dunkirk Power	New York	2554	4	2,595	2,288	14,346			
Nassau Energy Corporation	New York	52056	00004	8	2	8			
Niagara Generation, LLC	New York	50202	1	452	160	1,092			
Nissequogue Cogen	New York	54149	1	11	1	11			
North 1st	New York	7915	NO1	0	0	0			
Northport	New York	2516	1	289	612	8,893			
Northport	New York	2516	2	893	576	9,486			
Northport	New York	2516	3	806	184	9,145			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Huntley Power	New York	2549	68				1,628	1,500	1,003
Indeck-Corinth Energy Center	New York	50458	1				102	105	93
Indeck-Olean Energy Center	New York	54076	1				16	30	25
Indeck-Oswego Energy Center	New York	50450	1				16	7	8
Indeck-Silver Springs Energy Center	New York	50449	1				69	37	26
Indeck-Yerkes Energy Center	New York	50451	1				16	30	15
Independence	New York	54547	1				48	36	52
Independence	New York	54547	2				46	30	49
Independence	New York	54547	3				44	36	47
Independence	New York	54547	4				47	34	51
KIAC Cogeneration	New York	54114	GT1				51	55	56
KIAC Cogeneration	New York	54114	GT2				46	38	56
Lockport	New York	54041	011854				266	248	172
Lockport	New York	54041	011855				237	256	192
Lockport	New York	54041	011856				249	266	236
Massena Energy Facility	New York	54592	001				2	2	5
NRG Dunkirk Power	New York	2554	1				1,081	739	631
NRG Dunkirk Power	New York	2554	2				1,009	714	675
NRG Dunkirk Power	New York	2554	3				1,823	1,427	1,036
NRG Dunkirk Power	New York	2554	4				1,695	1,214	976
Nassau Energy Corporation	New York	52056	00004				232	229	277
Niagara Generation, LLC	New York	50202	1				258	258	387
Nissequogue Cogen	New York	54149	1				158	150	144
North 1st	New York	7915	NO1				5	5	5
Northport	New York	2516	1				2,031	1,658	1,007
Northport	New York	2516	2				2,082	1,571	2,090
Northport	New York	2516	3				1,761	1,352	1,858

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Huntley Power	New York	2549	68	1,064	900	885	784	890	1,628
Indeck-Corinth Energy Center	New York	50458	1	51	53	68	47	65	105
Indeck-Olean Energy Center	New York	54076	1	14	33	38	29	44	44
Indeck-Oswego Energy Center	New York	50450	1	6	17	8	3	6	17
Indeck-Silver Springs Energy Center	New York	50449	1	46	6	3	2	6	69
Indeck-Yerkes Energy Center	New York	50451	1	10	15	6	5	15	30
Independence	New York	54547	1	33	35	24	45	52	52
Independence	New York	54547	2	32	34	27	52	49	52
Independence	New York	54547	3	32	44	16	46	57	57
Independence	New York	54547	4	27	38	19	44	51	51
KIAC Cogeneration	New York	54114	GT1	37	30	29	30	30	56
KIAC Cogeneration	New York	54114	GT2	27	30	26	21	27	56
Lockport	New York	54041	011854	76	126	5	4	12	266
Lockport	New York	54041	011855	130	98	3	4	11	256
Lockport	New York	54041	011856	149	125	5	5	9	266
Massena Energy Facility	New York	54592	001	0	3	1	0	1	5
NRG Dunkirk Power	New York	2554	1	493	497	560	401	331	1,081
NRG Dunkirk Power	New York	2554	2	589	534	571	380	359	1,009
NRG Dunkirk Power	New York	2554	3	886	1,018	1,006	789	885	1,823
NRG Dunkirk Power	New York	2554	4	864	831	999	701	767	1,695
Nassau Energy Corporation	New York	52056	00004	252	292	276	249	307	307
Niagara Generation, LLC	New York	50202	1	561	235	335	136	44	561
Nissequogue Cogen	New York	54149	1	136	125	131	124	142	158
North 1st	New York	7915	NO1	4	5	4	1	3	5
Northport	New York	2516	1	1,044	1,632	729	476	825	2,031
Northport	New York	2516	2	1,276	949	845	459	533	2,090
Northport	New York	2516	3	1,474	941	801	489	519	1,858

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Huntley Power	New York	2549	68						
Indeck-Corinth Energy Center	New York	50458	1						
Indeck-Olean Energy Center	New York	54076	1						
Indeck-Oswego Energy Center	New York	50450	1						
Indeck-Silver Springs Energy Center	New York	50449	1						
Indeck-Yerkes Energy Center	New York	50451	1						
Independence	New York	54547	1						
Independence	New York	54547	2						
Independence	New York	54547	3						
Independence	New York	54547	4						
KIAC Cogeneration	New York	54114	GT1						
KIAC Cogeneration	New York	54114	GT2						
Lockport	New York	54041	011854						
Lockport	New York	54041	011855						
Lockport	New York	54041	011856						
Massena Energy Facility	New York	54592	001						
NRG Dunkirk Power	New York	2554	1						
NRG Dunkirk Power	New York	2554	2						
NRG Dunkirk Power	New York	2554	3						
NRG Dunkirk Power	New York	2554	4						
Nassau Energy Corporation	New York	52056	00004						
Niagara Generation, LLC	New York	50202	1						
Nissequogue Cogen	New York	54149	1						
North 1st	New York	7915	NO1						
Northport	New York	2516	1						
Northport	New York	2516	2						
Northport	New York	2516	3						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Huntley Power	New York	2549	68	1,097	1,097	757	757
Indeck-Corinth Energy Center	New York	50458	1	6	6	6	6
Indeck-Olean Energy Center	New York	54076	1	5	5	5	5
Indeck-Oswego Energy Center	New York	50450	1	0	0	0	0
Indeck-Silver Springs Energy Center	New York	50449	1	4	4	4	4
Indeck-Yerkes Energy Center	New York	50451	1	0	0	0	0
Independence	New York	54547	1	2	2	2	2
Independence	New York	54547	2	2	2	2	2
Independence	New York	54547	3	2	2	2	2
Independence	New York	54547	4	2	2	2	2
KIAC Cogeneration	New York	54114	GT1	1	1	1	1
KIAC Cogeneration	New York	54114	GT2	1	1	1	1
Lockport	New York	54041	011854	0	0	0	0
Lockport	New York	54041	011855	0	0	0	0
Lockport	New York	54041	011856	0	0	0	0
Massena Energy Facility	New York	54592	001	0	0	0	0
NRG Dunkirk Power	New York	2554	1	563	563	389	389
NRG Dunkirk Power	New York	2554	2	596	596	412	412
NRG Dunkirk Power	New York	2554	3	993	993	686	686
NRG Dunkirk Power	New York	2554	4	936	936	646	646
Nassau Energy Corporation	New York	52056	00004	8	8	8	8
Niagara Generation, LLC	New York	50202	1	322	322	222	222
Nissequogue Cogen	New York	54149	1	11	11	11	11
North 1st	New York	7915	NO1	0	0	0	0
Northport	New York	2516	1	1,387	1,387	957	957
Northport	New York	2516	2	1,211	1,211	836	836
Northport	New York	2516	3	1,220	1,220	842	842

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Huntley Power	New York	2549	68	757	757	549	549
Indeck-Corinth Energy Center	New York	50458	1	6	6	105	105
Indeck-Olean Energy Center	New York	54076	1	5	5	44	44
Indeck-Oswego Energy Center	New York	50450	1	0	0	6	6
Indeck-Silver Springs Energy Center	New York	50449	1	4	4	19	19
Indeck-Yerkes Energy Center	New York	50451	1	0	0	8	8
Independence	New York	54547	1	2	2	52	52
Independence	New York	54547	2	2	2	52	52
Independence	New York	54547	3	2	2	57	57
Independence	New York	54547	4	2	2	51	51
KIAC Cogeneration	New York	54114	GT1	1	1	56	56
KIAC Cogeneration	New York	54114	GT2	1	1	56	56
Lockport	New York	54041	011854	0	0	51	51
Lockport	New York	54041	011855	0	0	58	58
Lockport	New York	54041	011856	0	0	65	65
Massena Energy Facility	New York	54592	001	0	0	3	3
NRG Dunkirk Power	New York	2554	1	389	389	282	282
NRG Dunkirk Power	New York	2554	2	412	412	298	298
NRG Dunkirk Power	New York	2554	3	686	686	497	497
NRG Dunkirk Power	New York	2554	4	646	646	468	468
Nassau Energy Corporation	New York	52056	00004	8	8	184	184
Niagara Generation, LLC	New York	50202	1	222	222	161	161
Nissequogue Cogen	New York	54149	1	11	11	143	143
North 1st	New York	7915	NO1	0	0	5	5
Northport	New York	2516	1	957	957	694	694
Northport	New York	2516	2	836	836	606	606
Northport	New York	2516	3	842	842	610	610

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Huntley Power	New York	2549	68	549	549	549	549
Indeck-Corinth Energy Center	New York	50458	1	105	105	105	105
Indeck-Olean Energy Center	New York	54076	1	44	44	44	44
Indeck-Oswego Energy Center	New York	50450	1	6	6	6	6
Indeck-Silver Springs Energy Center	New York	50449	1	19	19	19	19
Indeck-Yerkes Energy Center	New York	50451	1	8	8	8	8
Independence	New York	54547	1	52	52	52	52
Independence	New York	54547	2	52	52	52	52
Independence	New York	54547	3	57	57	57	57
Independence	New York	54547	4	51	51	51	51
KIAC Cogeneration	New York	54114	GT1	56	56	56	56
KIAC Cogeneration	New York	54114	GT2	56	56	56	56
Lockport	New York	54041	011854	51	51	51	51
Lockport	New York	54041	011855	58	58	58	58
Lockport	New York	54041	011856	65	65	65	65
Massena Energy Facility	New York	54592	001	3	3	3	3
NRG Dunkirk Power	New York	2554	1	282	282	282	282
NRG Dunkirk Power	New York	2554	2	298	298	298	298
NRG Dunkirk Power	New York	2554	3	497	497	497	497
NRG Dunkirk Power	New York	2554	4	468	468	468	468
Nassau Energy Corporation	New York	52056	00004	184	184	184	184
Niagara Generation, LLC	New York	50202	1	161	161	161	161
Nissequogue Cogen	New York	54149	1	143	143	143	143
North 1st	New York	7915	NO1	5	5	5	5
Northport	New York	2516	1	694	694	694	694
Northport	New York	2516	2	606	606	606	606
Northport	New York	2516	3	610	610	610	610

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Huntley Power	New York	2549	68	6,499,644	5,954,432	5,683,940	4,049,742	5,340,419	6,046,005
Indeck-Corinth Energy Center	New York	50458	1	2,970,304	2,272,579	2,821,475	1,659,063	3,030,293	2,940,691
Indeck-Olean Energy Center	New York	54076	1	482,703	854,091	896,913	488,003	902,930	884,645
Indeck-Oswego Energy Center	New York	50450	1	62,354	58,541	37,758	15,130	47,875	56,257
Indeck-Silver Springs Energy Center	New York	50449	1	1,074,590	76,208	38,880	18,883	48,255	399,684
Indeck-Yerkes Energy Center	New York	50451	1	94,828	105,303	25,914	20,672	72,086	90,739
Independence	New York	54547	1	2,045,360	1,848,431	520,893	1,142,383	2,605,747	2,166,513
Independence	New York	54547	2	1,926,014	1,631,150	517,322	1,384,733	3,229,408	2,262,191
Independence	New York	54547	3	1,816,643	2,060,695	440,015	1,562,184	3,319,640	2,398,993
Independence	New York	54547	4	1,682,996	1,678,818	540,654	1,306,926	2,919,439	2,093,751
KIAC Cogeneration	New York	54114	GT1	1,426,512	1,382,060	1,213,976	938,923	1,242,942	1,350,505
KIAC Cogeneration	New York	54114	GT2	833,823	1,115,986	904,342	1,125,149	1,289,460	1,176,865
Lockport	New York	54041	011854	959,425	1,045,075	23,365	21,113	134,297	712,932
Lockport	New York	54041	011855	895,119	1,026,721	15,737	9,130	135,232	685,691
Lockport	New York	54041	011856	875,243	1,044,640	30,193	17,647	141,842	687,242
Massena Energy Facility	New York	54592	001	4,015	28,044	25,300	4,271	48,597	33,980
NRG Dunkirk Power	New York	2554	1	2,138,603	2,807,258	3,311,552	2,001,114	1,996,922	2,752,471
NRG Dunkirk Power	New York	2554	2	3,493,201	2,890,399	2,981,131	2,061,342	2,062,807	3,121,577
NRG Dunkirk Power	New York	2554	3	4,784,126	4,656,991	5,097,522	3,024,368	5,078,862	4,986,837
NRG Dunkirk Power	New York	2554	4	4,883,297	4,758,116	5,392,027	3,190,362	4,490,814	5,011,147
Nassau Energy Corporation	New York	52056	00004	1,842,310	1,904,311	1,755,876	1,835,997	1,900,553	1,882,391
Niagara Generation, LLC	New York	50202	1	1,906,139	649,607	1,827,608	821,600		1,518,449
Nissequogue Cogen	New York	54149	1	1,372,604	1,205,733	1,282,536	1,165,555	1,515,251	1,390,130
North 1st	New York	7915	NO1	575,973	658,607	493,761	55,730	421,364	576,114
Northport	New York	2516	1	7,765,082	7,308,301	6,522,077	3,214,824	4,904,435	7,198,487
Northport	New York	2516	2	9,197,423	5,914,985	5,380,575	3,193,152	5,352,379	6,830,994
Northport	New York	2516	3	4,504,043	5,046,341	5,146,922	4,179,238	9,086,484	6,426,582

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Huntley Power	New York	2549	68	338,914,478	0.017839	10,037	10,037	179	179
Indeck-Corinth Energy Center	New York	50458	1	338,914,478	0.008677	10,037	10,037	87	87
Indeck-Olean Energy Center	New York	54076	1	338,914,478	0.002610	10,037	10,037	26	26
Indeck-Oswego Energy Center	New York	50450	1	338,914,478	0.000166	10,037	10,037	2	2
Indeck-Silver Springs Energy Center	New York	50449	1	338,914,478	0.001179	10,037	10,037	12	12
Indeck-Yerkes Energy Center	New York	50451	1	338,914,478	0.000268	10,037	10,037	3	3
Independence	New York	54547	1	338,914,478	0.006393	10,037	10,037	64	64
Independence	New York	54547	2	338,914,478	0.006675	10,037	10,037	67	67
Independence	New York	54547	3	338,914,478	0.007078	10,037	10,037	71	71
Independence	New York	54547	4	338,914,478	0.006178	10,037	10,037	62	62
KIAC Cogeneration	New York	54114	GT1	338,914,478	0.003985	10,037	10,037	40	40
KIAC Cogeneration	New York	54114	GT2	338,914,478	0.003472	10,037	10,037	35	35
Lockport	New York	54041	011854	338,914,478	0.002104	10,037	10,037	21	21
Lockport	New York	54041	011855	338,914,478	0.002023	10,037	10,037	20	20
Lockport	New York	54041	011856	338,914,478	0.002028	10,037	10,037	20	20
Massena Energy Facility	New York	54592	001	338,914,478	0.000100	10,037	10,037	1	1
NRG Dunkirk Power	New York	2554	1	338,914,478	0.008121	10,037	10,037	82	82
NRG Dunkirk Power	New York	2554	2	338,914,478	0.009211	10,037	10,037	92	92
NRG Dunkirk Power	New York	2554	3	338,914,478	0.014714	10,037	10,037	148	148
NRG Dunkirk Power	New York	2554	4	338,914,478	0.014786	10,037	10,037	148	148
Nassau Energy Corporation	New York	52056	00004	338,914,478	0.005554	10,037	10,037	56	56
Niagara Generation, LLC	New York	50202	1	338,914,478	0.004480	10,037	10,037	45	45
Nissequogue Cogen	New York	54149	1	338,914,478	0.004102	10,037	10,037	41	41
North 1st	New York	7915	NO1	338,914,478	0.001700	10,037	10,037	17	17
Northport	New York	2516	1	338,914,478	0.021240	10,037	10,037	213	213
Northport	New York	2516	2	338,914,478	0.020156	10,037	10,037	202	202
Northport	New York	2516	3	338,914,478	0.018962	10,037	10,037	190	190

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Huntley Power	New York	2549	68	658	564	433	497	428	419
Indeck-Corinth Energy Center	New York	50458	1	45	44	41	37	28	29
Indeck-Olean Energy Center	New York	54076	1	6	16	9	8	14	15
Indeck-Oswego Energy Center	New York	50450	1	10	3	5	4	4	3
Indeck-Silver Springs Energy Center	New York	50449	1	40	37	25	45	4	2
Indeck-Yerkes Energy Center	New York	50451	1	11	17	11	7	8	2
Independence	New York	54547	1	19	13	27	20	16	5
Independence	New York	54547	2	17	10	25	18	15	5
Independence	New York	54547	3	19	10	25	19	18	5
Independence	New York	54547	4	19	11	26	16	14	6
KIAC Cogeneration	New York	54114	GT1	24	28	26	18	15	15
KIAC Cogeneration	New York	54114	GT2	19	20	25	10	14	10
Lockport	New York	54041	011854	108	112	79	53	53	2
Lockport	New York	54041	011855	107	97	68	52	47	1
Lockport	New York	54041	011856	110	93	87	45	50	3
Massena Energy Facility	New York	54592	001	2	1	4	0	1	0
NRG Dunkirk Power	New York	2554	1	389	280	271	161	211	259
NRG Dunkirk Power	New York	2554	2	352	244	310	293	221	240
NRG Dunkirk Power	New York	2554	3	644	543	360	392	386	433
NRG Dunkirk Power	New York	2554	4	579	564	423	395	383	455
Nassau Energy Corporation	New York	52056	00004	80	87	110	110	118	113
Niagara Generation, LLC	New York	50202	1	87	118	143	180	56	140
Nissequogue Cogen	New York	54149	1	64	61	64	55	47	53
North 1st	New York	7915	NO1	2	2	3	3	3	2
Northport	New York	2516	1	644	569	579	542	452	365
Northport	New York	2516	2	913	647	714	515	406	352
Northport	New York	2516	3	759	601	965	375	390	340

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Huntley Power	New York	2549	68	322	441	658			
Indeck-Corinth Energy Center	New York	50458	1	22	38	45			
Indeck-Olean Energy Center	New York	54076	1	9	17	17			
Indeck-Oswego Energy Center	New York	50450	1	1	4	10			
Indeck-Silver Springs Energy Center	New York	50449	1	1	3	45			
Indeck-Yerkes Energy Center	New York	50451	1	2	6	17			
Independence	New York	54547	1	11	23	27			
Independence	New York	54547	2	13	26	26			
Independence	New York	54547	3	15	28	28			
Independence	New York	54547	4	13	23	26			
KIAC Cogeneration	New York	54114	GT1	10	13	28			
KIAC Cogeneration	New York	54114	GT2	11	13	25			
Lockport	New York	54041	011854	2	8	112			
Lockport	New York	54041	011855	2	7	107			
Lockport	New York	54041	011856	3	7	110			
Massena Energy Facility	New York	54592	001	0	1	4			
NRG Dunkirk Power	New York	2554	1	166	144	389			
NRG Dunkirk Power	New York	2554	2	166	157	352			
NRG Dunkirk Power	New York	2554	3	260	417	644			
NRG Dunkirk Power	New York	2554	4	272	371	579			
Nassau Energy Corporation	New York	52056	00004	116	124	124			
Niagara Generation, LLC	New York	50202	1	40		180			
Nissequogue Cogen	New York	54149	1	47	61	64			
North 1st	New York	7915	NO1	0	2	3			
Northport	New York	2516	1	177	285	644			
Northport	New York	2516	2	139	276	913			
Northport	New York	2516	3	231	317	965			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Huntley Power	New York	2549	68				256	256
Indeck-Corinth Energy Center	New York	50458	1				45	45
Indeck-Olean Energy Center	New York	54076	1				17	17
Indeck-Oswego Energy Center	New York	50450	1				2	2
Indeck-Silver Springs Energy Center	New York	50449	1				17	17
Indeck-Yerkes Energy Center	New York	50451	1				4	4
Independence	New York	54547	1				27	27
Independence	New York	54547	2				26	26
Independence	New York	54547	3				28	28
Independence	New York	54547	4				26	26
KIAC Cogeneration	New York	54114	GT1				28	28
KIAC Cogeneration	New York	54114	GT2				25	25
Lockport	New York	54041	011854				30	30
Lockport	New York	54041	011855				29	29
Lockport	New York	54041	011856				29	29
Massena Energy Facility	New York	54592	001				1	1
NRG Dunkirk Power	New York	2554	1				116	116
NRG Dunkirk Power	New York	2554	2				132	132
NRG Dunkirk Power	New York	2554	3				211	211
NRG Dunkirk Power	New York	2554	4				212	212
Nassau Energy Corporation	New York	52056	00004				80	80
Niagara Generation, LLC	New York	50202	1				64	64
Nissequogue Cogen	New York	54149	1				59	59
North 1st	New York	7915	NO1				3	3
Northport	New York	2516	1				305	305
Northport	New York	2516	2				289	289
Northport	New York	2516	3				272	272

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Huntley Power	New York	2549	68	256	256	256	256	Y
Indeck-Corinth Energy Center	New York	50458	1	45	45	45	45	Y
Indeck-Olean Energy Center	New York	54076	1	17	17	17	17	Y
Indeck-Oswego Energy Center	New York	50450	1	2	2	2	2	Y
Indeck-Silver Springs Energy Center	New York	50449	1	17	17	17	17	Y
Indeck-Yerkes Energy Center	New York	50451	1	4	4	4	4	Y
Independence	New York	54547	1	27	27	27	27	Y
Independence	New York	54547	2	26	26	26	26	Y
Independence	New York	54547	3	28	28	28	28	Y
Independence	New York	54547	4	26	26	26	26	Y
KIAC Cogeneration	New York	54114	GT1	28	28	28	28	Y
KIAC Cogeneration	New York	54114	GT2	25	25	25	25	Y
Lockport	New York	54041	011854	30	30	30	30	Y
Lockport	New York	54041	011855	29	29	29	29	Y
Lockport	New York	54041	011856	29	29	29	29	Y
Massena Energy Facility	New York	54592	001	1	1	1	1	Y
NRG Dunkirk Power	New York	2554	1	116	116	116	116	Y
NRG Dunkirk Power	New York	2554	2	132	132	132	132	Y
NRG Dunkirk Power	New York	2554	3	211	211	211	211	Y
NRG Dunkirk Power	New York	2554	4	212	212	212	212	Y
Nassau Energy Corporation	New York	52056	00004	80	80	80	80	Y
Niagara Generation, LLC	New York	50202	1	64	64	64	64	Y
Nissequogue Cogen	New York	54149	1	59	59	59	59	Y
North 1st	New York	7915	NO1	3	3	3	3	Y
Northport	New York	2516	1	305	305	305	305	Y
Northport	New York	2516	2	289	289	289	289	Y
Northport	New York	2516	3	272	272	272	272	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Huntley Power	New York	2549	68	Y		Y		
Indeck-Corinth Energy Center	New York	50458	1	Y		Y		
Indeck-Olean Energy Center	New York	54076	1	Y		Y		
Indeck-Oswego Energy Center	New York	50450	1	Y		Y		
Indeck-Silver Springs Energy Center	New York	50449	1	Y		Y		
Indeck-Yerkes Energy Center	New York	50451	1	Y		Y		
Independence	New York	54547	1	Y		Y		
Independence	New York	54547	2	Y		Y		
Independence	New York	54547	3	Y		Y		
Independence	New York	54547	4	Y		Y		
KIAC Cogeneration	New York	54114	GT1	Y		Y		
KIAC Cogeneration	New York	54114	GT2	Y		Y		
Lockport	New York	54041	011854	Y		Y		
Lockport	New York	54041	011855	Y		Y		
Lockport	New York	54041	011856	Y		Y		
Massena Energy Facility	New York	54592	001	Y		Y		
NRG Dunkirk Power	New York	2554	1	Y		Y		
NRG Dunkirk Power	New York	2554	2	Y		Y		
NRG Dunkirk Power	New York	2554	3	Y		Y		
NRG Dunkirk Power	New York	2554	4	Y		Y		
Nassau Energy Corporation	New York	52056	00004	Y		Y		
Niagara Generation, LLC	New York	50202	1	Y		Y		
Nissequogue Cogen	New York	54149	1	Y		Y		
North 1st	New York	7915	NO1	Y		Y		
Northport	New York	2516	1	Y		Y		
Northport	New York	2516	2	Y		Y		
Northport	New York	2516	3	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Northport	New York	2516	4	1746	13,506,718	14,491,874	13,021,569	12,317,356	9,279,670
Oswego Harbor Power	New York	2594	5	1791	792,933	1,888,902	603,777	365,434	440,072
Oswego Harbor Power	New York	2594	6	1792	853,088	1,051,367	570,231	589,691	426,289
Pinelawn Power	New York	56188	00001	89567	3,445,966	2,336,377	2,663,278	1,926,913	1,626,744
Poletti 500 MW CC	New York	56196	CTG7A	89648	11,160,422	11,971,599	10,110,862	11,201,223	11,379,573
Poletti 500 MW CC	New York	56196	CTG7B	89649	11,380,308	11,981,043	9,612,657	10,700,003	11,303,993
Port Jefferson Energy Center	New York	2517	3	1750	7,353,368	5,252,694	5,694,127	3,265,985	3,495,862
Port Jefferson Energy Center	New York	2517	4	1751	6,848,333	7,510,751	3,551,295	2,694,364	2,411,031
Port Jefferson Energy Center	New York	2517	UGT002	10016	647,269	544,408	493,811	287,730	515,196
Port Jefferson Energy Center	New York	2517	UGT003	10017	647,951	613,263	409,004	289,307	482,136
Pouch Terminal	New York	8053	PT01	8388	668,457	1,507,447	1,225,447	594,089	854,611
Project Orange Facility	New York	54425	001	3770	867,125	649,638	1,208,480	1,553,512	555,198
Project Orange Facility	New York	54425	002	3771	2,025,176	1,910,462	1,452,776	29,353	808,064
Ravenswood Generating Station	New York	2500	10	1675	7,676,971	11,003,112	6,885,999	7,038,325	6,911,991
Ravenswood Generating Station	New York	2500	20	1676	6,613,721	6,292,455	6,810,273	2,497,671	5,747,330
Ravenswood Generating Station	New York	2500	30	1677	17,391,292	18,484,441	9,296,620	10,133,140	12,966,191
Ravenswood Generating Station	New York	2500	CT02-1	1691	51,860	47,743	51,781	20,283	56,784
Ravenswood Generating Station	New York	2500	CT02-2	1692	23,098	51,088	37,846	15,806	30,716
Ravenswood Generating Station	New York	2500	CT02-3	1693	31,504	31,147	37,855	15,266	48,395
Ravenswood Generating Station	New York	2500	CT02-4	1694	35,997	35,802	31,267	12,923	44,777
Ravenswood Generating Station	New York	2500	CT03-1	1695	63,633	74,192	49,114	18,038	59,059
Ravenswood Generating Station	New York	2500	CT03-2	1696	43,813	63,604	39,016	19,459	46,847
Ravenswood Generating Station	New York	2500	CT03-3	1697	55,492	42,309	11,718	10,063	46,590
Ravenswood Generating Station	New York	2500	CT03-4	1698	32,424	41,828	26,402	19,967	46,564
Ravenswood Generating Station	New York	2500	UCC001	89141	12,637,624	9,679,936	12,376,155	11,035,707	9,037,730
Rensselaer Cogen	New York	54034	1GTDBS	3742	67,807	156,952	44,842	18,691	246,821
Richard M Flynn (Holtsville)	New York	7314	001	3092	9,570,522	6,581,150	9,852,937	9,826,416	7,645,852

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Northport	New York	2516	4	13,673,387	707,632,553	0.019323	30,235	21,670
Oswego Harbor Power	New York	2594	5	1,095,204	707,632,553	0.001548	30,235	21,670
Oswego Harbor Power	New York	2594	6	831,382	707,632,553	0.001175	30,235	21,670
Pinelawn Power	New York	56188	00001	2,815,207	707,632,553	0.003978	30,235	21,670
Poletti 500 MW CC	New York	56196	CTG7A	11,517,465	707,632,553	0.016276	30,235	21,670
Poletti 500 MW CC	New York	56196	CTG7B	11,555,115	707,632,553	0.016329	30,235	21,670
Port Jefferson Energy Center	New York	2517	3	6,100,063	707,632,553	0.008620	30,235	21,670
Port Jefferson Energy Center	New York	2517	4	5,970,126	707,632,553	0.008437	30,235	21,670
Port Jefferson Energy Center	New York	2517	UGT002	568,958	707,632,553	0.000804	30,235	21,670
Port Jefferson Energy Center	New York	2517	UGT003	581,117	707,632,553	0.000821	30,235	21,670
Pouch Terminal	New York	8053	PT01	1,195,835	707,632,553	0.001690	30,235	21,670
Project Orange Facility	New York	54425	001	1,209,706	707,632,553	0.001710	30,235	21,670
Project Orange Facility	New York	54425	002	1,796,138	707,632,553	0.002538	30,235	21,670
Ravenswood Generating Station	New York	2500	10	8,572,803	707,632,553	0.012115	30,235	21,670
Ravenswood Generating Station	New York	2500	20	6,572,149	707,632,553	0.009288	30,235	21,670
Ravenswood Generating Station	New York	2500	30	16,280,641	707,632,553	0.023007	30,235	21,670
Ravenswood Generating Station	New York	2500	CT02-1	53,475	707,632,553	0.000076	30,235	21,670
Ravenswood Generating Station	New York	2500	CT02-2	39,883	707,632,553	0.000056	30,235	21,670
Ravenswood Generating Station	New York	2500	CT02-3	39,251	707,632,553	0.000055	30,235	21,670
Ravenswood Generating Station	New York	2500	CT02-4	38,859	707,632,553	0.000055	30,235	21,670
Ravenswood Generating Station	New York	2500	CT03-1	65,628	707,632,553	0.000093	30,235	21,670
Ravenswood Generating Station	New York	2500	CT03-2	51,421	707,632,553	0.000073	30,235	21,670
Ravenswood Generating Station	New York	2500	CT03-3	48,131	707,632,553	0.000068	30,235	21,670
Ravenswood Generating Station	New York	2500	CT03-4	40,272	707,632,553	0.000057	30,235	21,670
Ravenswood Generating Station	New York	2500	UCC001	12,016,496	707,632,553	0.016981	30,235	21,670
Rensselaer Cogen	New York	54034	1GTDBS	157,193	707,632,553	0.000222	30,235	21,670
Richard M Flynn (Holtsville)	New York	7314	001	9,749,958	707,632,553	0.013778	30,235	21,670

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Northport	New York	2516	4	20,607	20,607	584	419	398	398
Oswego Harbor Power	New York	2594	5	20,607	20,607	47	34	32	32
Oswego Harbor Power	New York	2594	6	20,607	20,607	36	25	24	24
Pinelawn Power	New York	56188	00001	20,607	20,607	120	86	82	82
Poletti 500 MW CC	New York	56196	CTG7A	20,607	20,607	492	353	335	335
Poletti 500 MW CC	New York	56196	CTG7B	20,607	20,607	494	354	336	336
Port Jefferson Energy Center	New York	2517	3	20,607	20,607	261	187	178	178
Port Jefferson Energy Center	New York	2517	4	20,607	20,607	255	183	174	174
Port Jefferson Energy Center	New York	2517	UGT002	20,607	20,607	24	17	17	17
Port Jefferson Energy Center	New York	2517	UGT003	20,607	20,607	25	18	17	17
Pouch Terminal	New York	8053	PT01	20,607	20,607	51	37	35	35
Project Orange Facility	New York	54425	001	20,607	20,607	52	37	35	35
Project Orange Facility	New York	54425	002	20,607	20,607	77	55	52	52
Ravenswood Generating Station	New York	2500	10	20,607	20,607	366	263	250	250
Ravenswood Generating Station	New York	2500	20	20,607	20,607	281	201	191	191
Ravenswood Generating Station	New York	2500	30	20,607	20,607	696	499	474	474
Ravenswood Generating Station	New York	2500	CT02-1	20,607	20,607	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-2	20,607	20,607	2	1	1	1
Ravenswood Generating Station	New York	2500	CT02-3	20,607	20,607	2	1	1	1
Ravenswood Generating Station	New York	2500	CT02-4	20,607	20,607	2	1	1	1
Ravenswood Generating Station	New York	2500	CT03-1	20,607	20,607	3	2	2	2
Ravenswood Generating Station	New York	2500	CT03-2	20,607	20,607	2	2	1	1
Ravenswood Generating Station	New York	2500	CT03-3	20,607	20,607	2	1	1	1
Ravenswood Generating Station	New York	2500	CT03-4	20,607	20,607	2	1	1	1
Ravenswood Generating Station	New York	2500	UCC001	20,607	20,607	513	368	350	350
Rensselaer Cogen	New York	54034	1GTDBS	20,607	20,607	7	5	5	5
Richard M Flynn (Holtsville)	New York	7314	001	20,607	20,607	417	299	284	284

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Northport	New York	2516	4	5,439	5,777	6,163	1,392	1,672	1,630
Oswego Harbor Power	New York	2594	5	1,088	1,834	3,822	402	1,125	342
Oswego Harbor Power	New York	2594	6	812	444	1,703	272	349	177
Pinelawn Power	New York	56188	00001			0	1	2	1
Poletti 500 MW CC	New York	56196	CTG7A				4	4	3
Poletti 500 MW CC	New York	56196	CTG7B				3	5	3
Port Jefferson Energy Center	New York	2517	3	3,487	3,901	2,310	1,071	921	591
Port Jefferson Energy Center	New York	2517	4	3,144	5,128	2,880	918	1,006	246
Port Jefferson Energy Center	New York	2517	UGT002	1	0	0	0	1	0
Port Jefferson Energy Center	New York	2517	UGT003	1	1	1	0	0	0
Pouch Terminal	New York	8053	PT01	0	0	0	0	0	0
Project Orange Facility	New York	54425	001	0	0	0	0	0	0
Project Orange Facility	New York	54425	002	0	0	0	1	1	0
Ravenswood Generating Station	New York	2500	10	670	1,538	1,566	340	489	100
Ravenswood Generating Station	New York	2500	20	1,176	1,369	1,764	250	267	100
Ravenswood Generating Station	New York	2500	30	2,126	3,663	2,686	559	734	242
Ravenswood Generating Station	New York	2500	CT02-1						
Ravenswood Generating Station	New York	2500	CT02-2						
Ravenswood Generating Station	New York	2500	CT02-3						
Ravenswood Generating Station	New York	2500	CT02-4						
Ravenswood Generating Station	New York	2500	CT03-1						
Ravenswood Generating Station	New York	2500	CT03-2						
Ravenswood Generating Station	New York	2500	CT03-3						
Ravenswood Generating Station	New York	2500	CT03-4						
Ravenswood Generating Station	New York	2500	UCC001		4	5	4	4	4
Rensselaer Cogen	New York	54034	1GTDBS	1	0	0	0	0	0
Richard M Flynn (Holtsville)	New York	7314	001	69	94	39	17	54	34

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
Northport	New York	2516	4	968	454	6,163				
Oswego Harbor Power	New York	2594	5	193	226	3,822				
Oswego Harbor Power	New York	2594	6	188	135	1,703				
Pinelawn Power	New York	56188	00001	1	1	2				
Poletti 500 MW CC	New York	56196	CTG7A	4	4	4				
Poletti 500 MW CC	New York	56196	CTG7B	4	4	5				
Port Jefferson Energy Center	New York	2517	3	320	123	3,901				
Port Jefferson Energy Center	New York	2517	4	343	159	5,128				
Port Jefferson Energy Center	New York	2517	UGT002	0	0	1				
Port Jefferson Energy Center	New York	2517	UGT003	0	0	1				
Pouch Terminal	New York	8053	PT01	0	0	0				
Project Orange Facility	New York	54425	001	0	0	0				
Project Orange Facility	New York	54425	002	0	0	1				
Ravenswood Generating Station	New York	2500	10	75	38	1,566				
Ravenswood Generating Station	New York	2500	20	83	26	1,764				
Ravenswood Generating Station	New York	2500	30	135	193	3,663				
Ravenswood Generating Station	New York	2500	CT02-1	0	0	0				
Ravenswood Generating Station	New York	2500	CT02-2	0	0	0				
Ravenswood Generating Station	New York	2500	CT02-3	0	0	0				
Ravenswood Generating Station	New York	2500	CT02-4	0	0	0				
Ravenswood Generating Station	New York	2500	CT03-1	0	0	0				
Ravenswood Generating Station	New York	2500	CT03-2	0	0	0				
Ravenswood Generating Station	New York	2500	CT03-3	0	0	0				
Ravenswood Generating Station	New York	2500	CT03-4	0	0	0				
Ravenswood Generating Station	New York	2500	UCC001	4	3	5				
Rensselaer Cogen	New York	54034	1GTDBS	0	0	1				
Richard M Flynn (Holtsville)	New York	7314	001	40	6	94				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Northport	New York	2516	4				1,646	1,710	1,720
Oswego Harbor Power	New York	2594	5				224	360	732
Oswego Harbor Power	New York	2594	6				259	124	471
Pinelawn Power	New York	56188	00001						5
Poletti 500 MW CC	New York	56196	CTG7A						
Poletti 500 MW CC	New York	56196	CTG7B						
Port Jefferson Energy Center	New York	2517	3				624	686	594
Port Jefferson Energy Center	New York	2517	4				637	983	873
Port Jefferson Energy Center	New York	2517	UGT002				4	4	4
Port Jefferson Energy Center	New York	2517	UGT003				4	4	4
Pouch Terminal	New York	8053	PT01				2	4	3
Project Orange Facility	New York	54425	001				23	29	46
Project Orange Facility	New York	54425	002				23	37	52
Ravenswood Generating Station	New York	2500	10				618	1,097	1,014
Ravenswood Generating Station	New York	2500	20				918	836	1,101
Ravenswood Generating Station	New York	2500	30				1,827	2,379	1,786
Ravenswood Generating Station	New York	2500	CT02-1				14	6	12
Ravenswood Generating Station	New York	2500	CT02-2				14	8	7
Ravenswood Generating Station	New York	2500	CT02-3				10	9	17
Ravenswood Generating Station	New York	2500	CT02-4				10	7	16
Ravenswood Generating Station	New York	2500	CT03-1				7	7	17
Ravenswood Generating Station	New York	2500	CT03-2				9	5	17
Ravenswood Generating Station	New York	2500	CT03-3				13	4	7
Ravenswood Generating Station	New York	2500	CT03-4				11	6	18
Ravenswood Generating Station	New York	2500	UCC001					73	50
Rensselaer Cogen	New York	54034	1GTDBS				9	1	3
Richard M Flynn (Holtsville)	New York	7314	001				175	189	145

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Northport	New York	2516	4	819	928	774	621	467	1,720
Oswego Harbor Power	New York	2594	5	80	213	56	35	49	732
Oswego Harbor Power	New York	2594	6	74	103	49	53	40	471
Pinelawn Power	New York	56188	00001	11	10	10	7	6	11
Poletti 500 MW CC	New York	56196	CTG7A	57	45	38	35	37	57
Poletti 500 MW CC	New York	56196	CTG7B	40	44	40	43	39	44
Port Jefferson Energy Center	New York	2517	3	387	312	259	156	139	686
Port Jefferson Energy Center	New York	2517	4	366	384	164	143	98	983
Port Jefferson Energy Center	New York	2517	UGT002	5	4	3	2	3	5
Port Jefferson Energy Center	New York	2517	UGT003	4	4	2	2	3	4
Pouch Terminal	New York	8053	PT01	3	7	6	3	4	7
Project Orange Facility	New York	54425	001	33	24	42	52	20	52
Project Orange Facility	New York	54425	002	69	62	49	1	29	69
Ravenswood Generating Station	New York	2500	10	317	452	214	236	212	1,097
Ravenswood Generating Station	New York	2500	20	277	287	254	115	207	1,101
Ravenswood Generating Station	New York	2500	30	784	859	392	352	503	2,379
Ravenswood Generating Station	New York	2500	CT02-1	13	12	11	4	11	14
Ravenswood Generating Station	New York	2500	CT02-2	7	13	8	3	6	14
Ravenswood Generating Station	New York	2500	CT02-3	8	8	8	3	10	17
Ravenswood Generating Station	New York	2500	CT02-4	9	9	7	3	9	16
Ravenswood Generating Station	New York	2500	CT03-1	16	18	10	4	12	18
Ravenswood Generating Station	New York	2500	CT03-2	11	16	8	4	9	17
Ravenswood Generating Station	New York	2500	CT03-3	14	11	3	2	9	14
Ravenswood Generating Station	New York	2500	CT03-4	8	10	6	4	9	18
Ravenswood Generating Station	New York	2500	UCC001	44	36	43	40	34	73
Rensselaer Cogen	New York	54034	1GTDBS	1	3	1	1	4	9
Richard M Flynn (Holtsville)	New York	7314	001	145	138	167	166	108	189

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Northport	New York	2516	4						
Oswego Harbor Power	New York	2594	5						
Oswego Harbor Power	New York	2594	6						
Pinelawn Power	New York	56188	00001						
Poletti 500 MW CC	New York	56196	CTG7A						
Poletti 500 MW CC	New York	56196	CTG7B						
Port Jefferson Energy Center	New York	2517	3						
Port Jefferson Energy Center	New York	2517	4						
Port Jefferson Energy Center	New York	2517	UGT002						
Port Jefferson Energy Center	New York	2517	UGT003						
Pouch Terminal	New York	8053	PT01						
Project Orange Facility	New York	54425	001						
Project Orange Facility	New York	54425	002						
Ravenswood Generating Station	New York	2500	10						
Ravenswood Generating Station	New York	2500	20						
Ravenswood Generating Station	New York	2500	30						
Ravenswood Generating Station	New York	2500	CT02-1						
Ravenswood Generating Station	New York	2500	CT02-2						
Ravenswood Generating Station	New York	2500	CT02-3						
Ravenswood Generating Station	New York	2500	CT02-4						
Ravenswood Generating Station	New York	2500	CT03-1						
Ravenswood Generating Station	New York	2500	CT03-2						
Ravenswood Generating Station	New York	2500	CT03-3						
Ravenswood Generating Station	New York	2500	CT03-4						
Ravenswood Generating Station	New York	2500	UCC001						
Rensselaer Cogen	New York	54034	1GTDBS						
Richard M Flynn (Holtsville)	New York	7314	001						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Northport	New York	2516	4	1,166	1,166	805	805
Oswego Harbor Power	New York	2594	5	93	93	64	64
Oswego Harbor Power	New York	2594	6	71	71	49	49
Pinelawn Power	New York	56188	00001	2	2	2	2
Poletti 500 MW CC	New York	56196	CTG7A	4	4	4	4
Poletti 500 MW CC	New York	56196	CTG7B	5	5	5	5
Port Jefferson Energy Center	New York	2517	3	520	520	359	359
Port Jefferson Energy Center	New York	2517	4	509	509	351	351
Port Jefferson Energy Center	New York	2517	UGT002	1	1	1	1
Port Jefferson Energy Center	New York	2517	UGT003	1	1	1	1
Pouch Terminal	New York	8053	PT01	0	0	0	0
Project Orange Facility	New York	54425	001	0	0	0	0
Project Orange Facility	New York	54425	002	1	1	1	1
Ravenswood Generating Station	New York	2500	10	731	731	505	505
Ravenswood Generating Station	New York	2500	20	560	560	387	387
Ravenswood Generating Station	New York	2500	30	1,388	1,388	958	958
Ravenswood Generating Station	New York	2500	CT02-1	0	0	0	0
Ravenswood Generating Station	New York	2500	CT02-2	0	0	0	0
Ravenswood Generating Station	New York	2500	CT02-3	0	0	0	0
Ravenswood Generating Station	New York	2500	CT02-4	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-1	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-2	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-3	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-4	0	0	0	0
Ravenswood Generating Station	New York	2500	UCC001	5	5	5	5
Rensselaer Cogen	New York	54034	1GTDBS	1	1	1	1
Richard M Flynn (Holtsville)	New York	7314	001	94	94	94	94

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Northport	New York	2516	4	805	805	583	583
Oswego Harbor Power	New York	2594	5	64	64	47	47
Oswego Harbor Power	New York	2594	6	49	49	35	35
Pinelawn Power	New York	56188	00001	2	2	11	11
Poletti 500 MW CC	New York	56196	CTG7A	4	4	57	57
Poletti 500 MW CC	New York	56196	CTG7B	5	5	44	44
Port Jefferson Energy Center	New York	2517	3	359	359	260	260
Port Jefferson Energy Center	New York	2517	4	351	351	255	255
Port Jefferson Energy Center	New York	2517	UGT002	1	1	5	5
Port Jefferson Energy Center	New York	2517	UGT003	1	1	4	4
Pouch Terminal	New York	8053	PT01	0	0	7	7
Project Orange Facility	New York	54425	001	0	0	52	52
Project Orange Facility	New York	54425	002	1	1	69	69
Ravenswood Generating Station	New York	2500	10	505	505	366	366
Ravenswood Generating Station	New York	2500	20	387	387	280	280
Ravenswood Generating Station	New York	2500	30	958	958	694	694
Ravenswood Generating Station	New York	2500	CT02-1	0	0	2	2
Ravenswood Generating Station	New York	2500	CT02-2	0	0	2	2
Ravenswood Generating Station	New York	2500	CT02-3	0	0	2	2
Ravenswood Generating Station	New York	2500	CT02-4	0	0	2	2
Ravenswood Generating Station	New York	2500	CT03-1	0	0	3	3
Ravenswood Generating Station	New York	2500	CT03-2	0	0	2	2
Ravenswood Generating Station	New York	2500	CT03-3	0	0	2	2
Ravenswood Generating Station	New York	2500	CT03-4	0	0	2	2
Ravenswood Generating Station	New York	2500	UCC001	5	5	73	73
Rensselaer Cogen	New York	54034	1GTDBS	1	1	7	7
Richard M Flynn (Holtsville)	New York	7314	001	94	94	189	189

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Northport	New York	2516	4	583	583	583	583
Oswego Harbor Power	New York	2594	5	47	47	47	47
Oswego Harbor Power	New York	2594	6	35	35	35	35
Pinelawn Power	New York	56188	00001	11	11	11	11
Poletti 500 MW CC	New York	56196	CTG7A	57	57	57	57
Poletti 500 MW CC	New York	56196	CTG7B	44	44	44	44
Port Jefferson Energy Center	New York	2517	3	260	260	260	260
Port Jefferson Energy Center	New York	2517	4	255	255	255	255
Port Jefferson Energy Center	New York	2517	UGT002	5	5	5	5
Port Jefferson Energy Center	New York	2517	UGT003	4	4	4	4
Pouch Terminal	New York	8053	PT01	7	7	7	7
Project Orange Facility	New York	54425	001	52	52	52	52
Project Orange Facility	New York	54425	002	69	69	69	69
Ravenswood Generating Station	New York	2500	10	366	366	366	366
Ravenswood Generating Station	New York	2500	20	280	280	280	280
Ravenswood Generating Station	New York	2500	30	694	694	694	694
Ravenswood Generating Station	New York	2500	CT02-1	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-3	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-4	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-1	3	3	3	3
Ravenswood Generating Station	New York	2500	CT03-2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-3	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-4	2	2	2	2
Ravenswood Generating Station	New York	2500	UCC001	73	73	73	73
Rensselaer Cogen	New York	54034	1GTDBS	7	7	7	7
Richard M Flynn (Holtsville)	New York	7314	001	189	189	189	189

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Northport	New York	2516	4	7,509,250	8,110,290	4,289,356	5,716,072	6,303,878	7,307,806
Oswego Harbor Power	New York	2594	5	635,830	237,420	341,832	270,384	223,804	416,016
Oswego Harbor Power	New York	2594	6	449,079	203,832	304,311	120,420	223,233	325,541
Pinelawn Power	New York	56188	00001	1,989,442	1,093,508	1,309,670	796,132	979,074	1,464,207
Poletti 500 MW CC	New York	56196	CTG7A	4,964,472	5,468,835	2,997,959	5,376,124	4,755,608	5,269,810
Poletti 500 MW CC	New York	56196	CTG7B	5,224,129	5,470,967	2,854,521	4,827,106	5,089,922	5,261,673
Port Jefferson Energy Center	New York	2517	3	3,013,187	2,238,290	2,561,403	1,884,572	2,952,949	2,842,513
Port Jefferson Energy Center	New York	2517	4	3,769,576	3,636,828	2,152,330	796,277	2,134,004	3,186,245
Port Jefferson Energy Center	New York	2517	UGT002	400,734	332,637	407,550	209,343	426,694	411,659
Port Jefferson Energy Center	New York	2517	UGT003	410,558	416,990	341,481	222,308	393,934	407,161
Pouch Terminal	New York	8053	PT01	516,094	821,219	722,637	260,860	568,772	704,209
Project Orange Facility	New York	54425	001	236,485	488,679	271,933	543,447	399,479	477,202
Project Orange Facility	New York	54425	002	975,642	505,075	590,774	42	598,621	721,679
Ravenswood Generating Station	New York	2500	10	4,827,126	5,905,732	5,895,027	4,652,434	6,094,452	5,965,070
Ravenswood Generating Station	New York	2500	20	3,762,832	3,754,666	4,039,625	1,075,271	3,647,267	3,852,374
Ravenswood Generating Station	New York	2500	30	11,310,042	11,685,549	8,984,335	7,286,280	11,505,601	11,500,397
Ravenswood Generating Station	New York	2500	CT02-1	38,636	34,980	45,585	15,456	50,670	44,964
Ravenswood Generating Station	New York	2500	CT02-2	20,062	45,663	33,962	12,785	27,673	35,766
Ravenswood Generating Station	New York	2500	CT02-3	24,677	20,841	36,658	13,258	46,649	35,995
Ravenswood Generating Station	New York	2500	CT02-4	31,920	29,554	28,454	11,448	40,478	33,984
Ravenswood Generating Station	New York	2500	CT03-1	41,929	52,677	47,399	16,054	53,542	51,206
Ravenswood Generating Station	New York	2500	CT03-2	40,207	46,312	36,673	16,282	42,947	43,155
Ravenswood Generating Station	New York	2500	CT03-3	40,491	29,171	8,884	6,112	42,859	37,507
Ravenswood Generating Station	New York	2500	CT03-4	21,818	26,920	25,668	14,894	42,476	31,688
Ravenswood Generating Station	New York	2500	UCC001	5,339,374	5,798,302	5,550,759	4,663,555	4,648,675	5,562,812
Rensselaer Cogen	New York	54034	1GTDBS	62,563	73,073	44,842	9,469	246,821	127,485
Richard M Flynn (Holtsville)	New York	7314	001	3,791,398	2,999,104	3,965,112	3,866,610	1,629,880	3,874,373

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Northport	New York	2516	4	338,914,478	0.021562	10,037	10,037	216	216
Oswego Harbor Power	New York	2594	5	338,914,478	0.001227	10,037	10,037	12	12
Oswego Harbor Power	New York	2594	6	338,914,478	0.000961	10,037	10,037	10	10
Pinelawn Power	New York	56188	00001	338,914,478	0.004320	10,037	10,037	43	43
Poletti 500 MW CC	New York	56196	CTG7A	338,914,478	0.015549	10,037	10,037	156	156
Poletti 500 MW CC	New York	56196	CTG7B	338,914,478	0.015525	10,037	10,037	156	156
Port Jefferson Energy Center	New York	2517	3	338,914,478	0.008387	10,037	10,037	84	84
Port Jefferson Energy Center	New York	2517	4	338,914,478	0.009401	10,037	10,037	94	94
Port Jefferson Energy Center	New York	2517	UGT002	338,914,478	0.001215	10,037	10,037	12	12
Port Jefferson Energy Center	New York	2517	UGT003	338,914,478	0.001201	10,037	10,037	12	12
Pouch Terminal	New York	8053	PT01	338,914,478	0.002078	10,037	10,037	21	21
Project Orange Facility	New York	54425	001	338,914,478	0.001408	10,037	10,037	14	14
Project Orange Facility	New York	54425	002	338,914,478	0.002129	10,037	10,037	21	21
Ravenswood Generating Station	New York	2500	10	338,914,478	0.017601	10,037	10,037	177	177
Ravenswood Generating Station	New York	2500	20	338,914,478	0.011367	10,037	10,037	114	114
Ravenswood Generating Station	New York	2500	30	338,914,478	0.033933	10,037	10,037	341	341
Ravenswood Generating Station	New York	2500	CT02-1	338,914,478	0.000133	10,037	10,037	1	1
Ravenswood Generating Station	New York	2500	CT02-2	338,914,478	0.000106	10,037	10,037	1	1
Ravenswood Generating Station	New York	2500	CT02-3	338,914,478	0.000106	10,037	10,037	1	1
Ravenswood Generating Station	New York	2500	CT02-4	338,914,478	0.000100	10,037	10,037	1	1
Ravenswood Generating Station	New York	2500	CT03-1	338,914,478	0.000151	10,037	10,037	2	2
Ravenswood Generating Station	New York	2500	CT03-2	338,914,478	0.000127	10,037	10,037	1	1
Ravenswood Generating Station	New York	2500	CT03-3	338,914,478	0.000111	10,037	10,037	1	1
Ravenswood Generating Station	New York	2500	CT03-4	338,914,478	0.000093	10,037	10,037	1	1
Ravenswood Generating Station	New York	2500	UCC001	338,914,478	0.016414	10,037	10,037	165	165
Rensselaer Cogen	New York	54034	1GTDBS	338,914,478	0.000376	10,037	10,037	4	4
Richard M Flynn (Holtsville)	New York	7314	001	338,914,478	0.011432	10,037	10,037	115	115

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Northport	New York	2516	4	788	721	667	393	469	257
Oswego Harbor Power	New York	2594	5	92	25	490	64	23	31
Oswego Harbor Power	New York	2594	6	32	23	244	35	18	25
Pinelawn Power	New York	56188	00001			3	6	4	5
Poletti 500 MW CC	New York	56196	CTG7A				16	17	9
Poletti 500 MW CC	New York	56196	CTG7B				15	18	13
Port Jefferson Energy Center	New York	2517	3	256	331	249	121	118	95
Port Jefferson Energy Center	New York	2517	4	272	393	353	162	146	84
Port Jefferson Energy Center	New York	2517	UGT002	2	2	2	3	2	2
Port Jefferson Energy Center	New York	2517	UGT003	2	2	3	2	3	2
Pouch Terminal	New York	8053	PT01	1	3	2	2	4	3
Project Orange Facility	New York	54425	001	10	5	24	8	18	9
Project Orange Facility	New York	54425	002	9	12	7	32	17	20
Ravenswood Generating Station	New York	2500	10	362	554	345	169	187	180
Ravenswood Generating Station	New York	2500	20	331	434	494	144	145	139
Ravenswood Generating Station	New York	2500	30	899	1,481	1,094	497	489	382
Ravenswood Generating Station	New York	2500	CT02-1	12	3	7	10	9	10
Ravenswood Generating Station	New York	2500	CT02-2	12	4	4	6	11	7
Ravenswood Generating Station	New York	2500	CT02-3	10	5	13	6	5	8
Ravenswood Generating Station	New York	2500	CT02-4	10	3	13	8	7	6
Ravenswood Generating Station	New York	2500	CT03-1	7	3	13	10	13	10
Ravenswood Generating Station	New York	2500	CT03-2	6	3	15	10	11	8
Ravenswood Generating Station	New York	2500	CT03-3	9	2	5	10	7	2
Ravenswood Generating Station	New York	2500	CT03-4	10	3	17	5	7	5
Ravenswood Generating Station	New York	2500	UCC001		21	20	17	18	17
Rensselaer Cogen	New York	54034	1GTDBS	4	1	3	1	1	1
Richard M Flynn (Holtville)	New York	7314	001	60	49	52	53	42	60

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Northport	New York	2516	4	232	324	788			
Oswego Harbor Power	New York	2594	5	28	25	490			
Oswego Harbor Power	New York	2594	6	12	21	244			
Pinelawn Power	New York	56188	00001	3	3	6			
Poletti 500 MW CC	New York	56196	CTG7A	14	15	17			
Poletti 500 MW CC	New York	56196	CTG7B	16	17	18			
Port Jefferson Energy Center	New York	2517	3	65	116	331			
Port Jefferson Energy Center	New York	2517	4	34	90	393			
Port Jefferson Energy Center	New York	2517	UGT002	1	2	3			
Port Jefferson Energy Center	New York	2517	UGT003	1	2	3			
Pouch Terminal	New York	8053	PT01	1	3	4			
Project Orange Facility	New York	54425	001	18	14	24			
Project Orange Facility	New York	54425	002	0	21	32			
Ravenswood Generating Station	New York	2500	10	149	185	554			
Ravenswood Generating Station	New York	2500	20	36	127	494			
Ravenswood Generating Station	New York	2500	30	271	456	1,481			
Ravenswood Generating Station	New York	2500	CT02-1	3	10	12			
Ravenswood Generating Station	New York	2500	CT02-2	3	5	12			
Ravenswood Generating Station	New York	2500	CT02-3	3	9	13			
Ravenswood Generating Station	New York	2500	CT02-4	2	8	13			
Ravenswood Generating Station	New York	2500	CT03-1	3	11	13			
Ravenswood Generating Station	New York	2500	CT03-2	3	9	15			
Ravenswood Generating Station	New York	2500	CT03-3	1	8	10			
Ravenswood Generating Station	New York	2500	CT03-4	3	8	17			
Ravenswood Generating Station	New York	2500	UCC001	16	17	21			
Rensselaer Cogen	New York	54034	1GTDBS	0	4	4			
Richard M Flynn (Holtsville)	New York	7314	001	52	22	60			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Northport	New York	2516	4				309	309
Oswego Harbor Power	New York	2594	5				18	18
Oswego Harbor Power	New York	2594	6				14	14
Pinelawn Power	New York	56188	00001				6	6
Poletti 500 MW CC	New York	56196	CTG7A				17	17
Poletti 500 MW CC	New York	56196	CTG7B				18	18
Port Jefferson Energy Center	New York	2517	3				120	120
Port Jefferson Energy Center	New York	2517	4				135	135
Port Jefferson Energy Center	New York	2517	UGT002				3	3
Port Jefferson Energy Center	New York	2517	UGT003				3	3
Pouch Terminal	New York	8053	PT01				4	4
Project Orange Facility	New York	54425	001				20	20
Project Orange Facility	New York	54425	002				31	31
Ravenswood Generating Station	New York	2500	10				252	252
Ravenswood Generating Station	New York	2500	20				163	163
Ravenswood Generating Station	New York	2500	30				486	486
Ravenswood Generating Station	New York	2500	CT02-1				2	2
Ravenswood Generating Station	New York	2500	CT02-2				2	2
Ravenswood Generating Station	New York	2500	CT02-3				2	2
Ravenswood Generating Station	New York	2500	CT02-4				1	1
Ravenswood Generating Station	New York	2500	CT03-1				2	2
Ravenswood Generating Station	New York	2500	CT03-2				2	2
Ravenswood Generating Station	New York	2500	CT03-3				2	2
Ravenswood Generating Station	New York	2500	CT03-4				1	1
Ravenswood Generating Station	New York	2500	UCC001				21	21
Rensselaer Cogen	New York	54034	1GTDBS				4	4
Richard M Flynn (Holtsville)	New York	7314	001				60	60

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI))	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ))	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK))	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL))	
Northport	New York	2516	4	309	309	309	309	Y
Oswego Harbor Power	New York	2594	5	18	18	18	18	Y
Oswego Harbor Power	New York	2594	6	14	14	14	14	Y
Pinelawn Power	New York	56188	00001	6	6	6	6	Y
Poletti 500 MW CC	New York	56196	CTG7A	17	17	17	17	Y
Poletti 500 MW CC	New York	56196	CTG7B	18	18	18	18	Y
Port Jefferson Energy Center	New York	2517	3	120	120	120	120	Y
Port Jefferson Energy Center	New York	2517	4	135	135	135	135	Y
Port Jefferson Energy Center	New York	2517	UGT002	3	3	3	3	Y
Port Jefferson Energy Center	New York	2517	UGT003	3	3	3	3	Y
Pouch Terminal	New York	8053	PT01	4	4	4	4	Y
Project Orange Facility	New York	54425	001	20	20	20	20	Y
Project Orange Facility	New York	54425	002	31	31	31	31	Y
Ravenswood Generating Station	New York	2500	10	252	252	252	252	Y
Ravenswood Generating Station	New York	2500	20	163	163	163	163	Y
Ravenswood Generating Station	New York	2500	30	486	486	486	486	Y
Ravenswood Generating Station	New York	2500	CT02-1	2	2	2	2	Y
Ravenswood Generating Station	New York	2500	CT02-2	2	2	2	2	Y
Ravenswood Generating Station	New York	2500	CT02-3	2	2	2	2	Y
Ravenswood Generating Station	New York	2500	CT02-4	1	1	1	1	Y
Ravenswood Generating Station	New York	2500	CT03-1	2	2	2	2	Y
Ravenswood Generating Station	New York	2500	CT03-2	2	2	2	2	Y
Ravenswood Generating Station	New York	2500	CT03-3	2	2	2	2	Y
Ravenswood Generating Station	New York	2500	CT03-4	1	1	1	1	Y
Ravenswood Generating Station	New York	2500	UCC001	21	21	21	21	Y
Rensselaer Cogen	New York	54034	1GTDBS	4	4	4	4	Y
Richard M Flynn (Holtsville)	New York	7314	001	60	60	60	60	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Northport	New York	2516	4	Y		Y		
Oswego Harbor Power	New York	2594	5	Y		Y		
Oswego Harbor Power	New York	2594	6	Y		Y		
Pinelawn Power	New York	56188	00001	Y		Y		
Poletti 500 MW CC	New York	56196	CTG7A	Y		Y		
Poletti 500 MW CC	New York	56196	CTG7B	Y		Y		
Port Jefferson Energy Center	New York	2517	3	Y		Y		
Port Jefferson Energy Center	New York	2517	4	Y		Y		
Port Jefferson Energy Center	New York	2517	UGT002	Y		Y		
Port Jefferson Energy Center	New York	2517	UGT003	Y		Y		
Pouch Terminal	New York	8053	PT01	Y		Y		
Project Orange Facility	New York	54425	001	Y		Y		
Project Orange Facility	New York	54425	002	Y		Y		
Ravenswood Generating Station	New York	2500	10	Y		Y		
Ravenswood Generating Station	New York	2500	20	Y		Y		
Ravenswood Generating Station	New York	2500	30	Y		Y		
Ravenswood Generating Station	New York	2500	CT02-1	Y		Y		
Ravenswood Generating Station	New York	2500	CT02-2	Y		Y		
Ravenswood Generating Station	New York	2500	CT02-3	Y		Y		
Ravenswood Generating Station	New York	2500	CT02-4	Y		Y		
Ravenswood Generating Station	New York	2500	CT03-1	Y		Y		
Ravenswood Generating Station	New York	2500	CT03-2	Y		Y		
Ravenswood Generating Station	New York	2500	CT03-3	Y		Y		
Ravenswood Generating Station	New York	2500	CT03-4	Y		Y		
Ravenswood Generating Station	New York	2500	UCC001	Y		Y		
Rensselaer Cogen	New York	54034	1GTDBS	Y		Y		
Richard M Flynn (Holtsville)	New York	7314	001	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
S A Carlson	New York	2682	10	1811	205,094	226,942	360,727	343,393	274,055
S A Carlson	New York	2682	11	1812	3	3	13		
S A Carlson	New York	2682	12	1813	1,255,960	1,384,081	1,150,982	657,507	450,660
S A Carlson	New York	2682	20	1814	136,769	162,100	59,500	71,700	175,552
S A Carlson	New York	2682	9	1815	838,203	1,126,685	1,053,392	413,020	305,801
Saranac Power Partners, LP	New York	54574	00001	3780	8,708,584	8,463,130	8,863,972	5,112,092	2,321,512
Saranac Power Partners, LP	New York	54574	00002	3781	8,315,019	8,443,331	8,532,870	4,896,357	1,291,783
Selkirk Cogen Partners	New York	10725	CTG101	3577	5,846,375	5,485,424	5,434,578	4,352,246	5,234,753
Selkirk Cogen Partners	New York	10725	CTG201	3578	5,956,363	5,982,639	6,632,081	5,759,618	4,958,991
Selkirk Cogen Partners	New York	10725	CTG301	3579	5,728,679	5,367,932	5,958,784	5,438,998	4,714,866
Shoemaker	New York	2632	1	1799	111,324	22,781	5,506	2,572	17,996
Shoreham Energy	New York	55787	CT01	10134	91,728	222,318	182,484	93,710	160,102
Shoreham Energy	New York	55787	CT02	10135	85,416	195,412	185,685	99,192	154,554
Sterling Power Plant	New York	50744	00001	3692	104,577	59,241	30,129	70,301	99,549
Syracuse Energy Corporation	New York	50651	BLR1	3686	1,150,066	1,491,135	1,397,010	942,244	648,421
Syracuse Energy Corporation	New York	50651	BLR2	3687	1,005,937	1,498,457	1,440,827	1,189,775	1,021,187
Syracuse Energy Corporation	New York	50651	BLR3	3688	1,268,329	1,294,609	1,292,736	474,039	1,188,152
Syracuse Energy Corporation	New York	50651	BLR4	3689	968,264	834,587	990,084	674,656	716,257
Syracuse Energy Corporation	New York	50651	BLR5	3690	1,202,199	907,574	828,942	676,391	671,184
Vernon Boulevard	New York	7909	VB01	8380	498,066	543,563	525,791	91,141	372,302
Vernon Boulevard	New York	7909	VB02	8382	558,579	633,983	663,523	98,218	316,650
WPS Beaver Falls Generation, LLC	New York	10617	1	3560		507,335	119,903	185,132	17,768
WPS Syracuse Generation, LLC	New York	10621	1	3564	540,823	570,231	213,723	213,066	64,619
Wading River Facility	New York	7146	UGT007	2955	185,659	382,053	395,242	190,212	301,761
Wading River Facility	New York	7146	UGT008	2956	247,473	466,418	372,280	183,187	284,256
Wading River Facility	New York	7146	UGT009	2957	322,182	439,112	420,869	208,797	288,275
Wading River Facility	New York	7146	UGT013	2958	54,681	22,120	14,008	12,788	36,782

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
S A Carlson	New York	2682	10	326,058	707,632,553	0.000461	30,235	21,670
S A Carlson	New York	2682	11	6	707,632,553	0.000000	30,235	21,670
S A Carlson	New York	2682	12	1,263,675	707,632,553	0.001786	30,235	21,670
S A Carlson	New York	2682	20	158,141	707,632,553	0.000223	30,235	21,670
S A Carlson	New York	2682	9	1,006,093	707,632,553	0.001422	30,235	21,670
Saranac Power Partners, LP	New York	54574	00001	8,678,562	707,632,553	0.012264	30,235	21,670
Saranac Power Partners, LP	New York	54574	00002	8,430,407	707,632,553	0.011914	30,235	21,670
Selkirk Cogen Partners	New York	10725	CTG101	5,588,792	707,632,553	0.007898	30,235	21,670
Selkirk Cogen Partners	New York	10725	CTG201	6,190,361	707,632,553	0.008748	30,235	21,670
Selkirk Cogen Partners	New York	10725	CTG301	5,708,820	707,632,553	0.008067	30,235	21,670
Shoemaker	New York	2632	1	50,700	707,632,553	0.000072	30,235	21,670
Shoreham Energy	New York	55787	CT01	188,302	707,632,553	0.000266	30,235	21,670
Shoreham Energy	New York	55787	CT02	178,550	707,632,553	0.000252	30,235	21,670
Sterling Power Plant	New York	50744	00001	91,476	707,632,553	0.000129	30,235	21,670
Syracuse Energy Corporation	New York	50651	BLR1	1,346,070	707,632,553	0.001902	30,235	21,670
Syracuse Energy Corporation	New York	50651	BLR2	1,376,353	707,632,553	0.001945	30,235	21,670
Syracuse Energy Corporation	New York	50651	BLR3	1,285,225	707,632,553	0.001816	30,235	21,670
Syracuse Energy Corporation	New York	50651	BLR4	930,979	707,632,553	0.001316	30,235	21,670
Syracuse Energy Corporation	New York	50651	BLR5	979,572	707,632,553	0.001384	30,235	21,670
Vernon Boulevard	New York	7909	VB01	522,473	707,632,553	0.000738	30,235	21,670
Vernon Boulevard	New York	7909	VB02	618,695	707,632,553	0.000874	30,235	21,670
WPS Beaver Falls Generation, LLC	New York	10617	1	270,790	707,632,553	0.000383	30,235	21,670
WPS Syracuse Generation, LLC	New York	10621	1	441,592	707,632,553	0.000624	30,235	21,670
Wading River Facility	New York	7146	UGT007	359,685	707,632,553	0.000508	30,235	21,670
Wading River Facility	New York	7146	UGT008	374,318	707,632,553	0.000529	30,235	21,670
Wading River Facility	New York	7146	UGT009	394,054	707,632,553	0.000557	30,235	21,670
Wading River Facility	New York	7146	UGT013	37,861	707,632,553	0.000054	30,235	21,670

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
S A Carlson	New York	2682	10	20,607	20,607	14	10	9	9
S A Carlson	New York	2682	11	20,607	20,607	0	0	0	0
S A Carlson	New York	2682	12	20,607	20,607	54	39	37	37
S A Carlson	New York	2682	20	20,607	20,607	7	5	5	5
S A Carlson	New York	2682	9	20,607	20,607	43	31	29	29
Saranac Power Partners, LP	New York	54574	00001	20,607	20,607	371	266	253	253
Saranac Power Partners, LP	New York	54574	00002	20,607	20,607	360	258	246	246
Selkirk Cogen Partners	New York	10725	CTG101	20,607	20,607	239	171	163	163
Selkirk Cogen Partners	New York	10725	CTG201	20,607	20,607	264	190	180	180
Selkirk Cogen Partners	New York	10725	CTG301	20,607	20,607	244	175	166	166
Shoemaker	New York	2632	1	20,607	20,607	2	2	1	1
Shoreham Energy	New York	55787	CT01	20,607	20,607	8	6	5	5
Shoreham Energy	New York	55787	CT02	20,607	20,607	8	5	5	5
Sterling Power Plant	New York	50744	00001	20,607	20,607	4	3	3	3
Syracuse Energy Corporation	New York	50651	BLR1	20,607	20,607	58	41	39	39
Syracuse Energy Corporation	New York	50651	BLR2	20,607	20,607	59	42	40	40
Syracuse Energy Corporation	New York	50651	BLR3	20,607	20,607	55	39	37	37
Syracuse Energy Corporation	New York	50651	BLR4	20,607	20,607	40	29	27	27
Syracuse Energy Corporation	New York	50651	BLR5	20,607	20,607	42	30	29	29
Vernon Boulevard	New York	7909	VB01	20,607	20,607	22	16	15	15
Vernon Boulevard	New York	7909	VB02	20,607	20,607	26	19	18	18
WPS Beaver Falls Generation, LLC	New York	10617	1	20,607	20,607	12	8	8	8
WPS Syracuse Generation, LLC	New York	10621	1	20,607	20,607	19	14	13	13
Wading River Facility	New York	7146	UGT007	20,607	20,607	15	11	10	10
Wading River Facility	New York	7146	UGT008	20,607	20,607	16	11	11	11
Wading River Facility	New York	7146	UGT009	20,607	20,607	17	12	11	11
Wading River Facility	New York	7146	UGT013	20,607	20,607	2	1	1	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
S A Carlson	New York	2682	10	695	969	757	267	291	533
S A Carlson	New York	2682	11	0	0		0	0	0
S A Carlson	New York	2682	12	1,799	1,915	1,670	1,665	1,760	1,688
S A Carlson	New York	2682	20	0	0	0	0	0	0
S A Carlson	New York	2682	9	1,222	1,162	973	1,114	1,447	1,515
Saranac Power Partners, LP	New York	54574	00001						
Saranac Power Partners, LP	New York	54574	00002						
Selkirk Cogen Partners	New York	10725	CTG101						1
Selkirk Cogen Partners	New York	10725	CTG201						
Selkirk Cogen Partners	New York	10725	CTG301						
Shoemaker	New York	2632	1						
Shoreham Energy	New York	55787	CT01	2	1	4	2	4	3
Shoreham Energy	New York	55787	CT02	2	1	4	2	4	3
Sterling Power Plant	New York	50744	00001	0	0	0	0	0	0
Syracuse Energy Corporation	New York	50651	BLR1						
Syracuse Energy Corporation	New York	50651	BLR2						
Syracuse Energy Corporation	New York	50651	BLR3						
Syracuse Energy Corporation	New York	50651	BLR4						
Syracuse Energy Corporation	New York	50651	BLR5						
Vernon Boulevard	New York	7909	VB01	0	0	0	0	0	0
Vernon Boulevard	New York	7909	VB02	0	0	0	0	0	0
WPS Beaver Falls Generation, LLC	New York	10617	1						
WPS Syracuse Generation, LLC	New York	10621	1	0	0	0	0	0	0
Wading River Facility	New York	7146	UGT007						
Wading River Facility	New York	7146	UGT008						
Wading River Facility	New York	7146	UGT009						
Wading River Facility	New York	7146	UGT013						

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
S A Carlson	New York	2682	10	457	355	969			
S A Carlson	New York	2682	11			0			
S A Carlson	New York	2682	12	882	564	1,915			
S A Carlson	New York	2682	20	0	0	0			
S A Carlson	New York	2682	9	546	352	1,515			
Saranac Power Partners, LP	New York	54574	00001	2	1	2			
Saranac Power Partners, LP	New York	54574	00002	1	0	1			
Selkirk Cogen Partners	New York	10725	CTG101	1	2	2			
Selkirk Cogen Partners	New York	10725	CTG201	2	1	2			
Selkirk Cogen Partners	New York	10725	CTG301	2	1	2			
Shoemaker	New York	2632	1	0	0	0			
Shoreham Energy	New York	55787	CT01	1	2	4			
Shoreham Energy	New York	55787	CT02	1	2	4			
Sterling Power Plant	New York	50744	00001	0	0	0			
Syracuse Energy Corporation	New York	50651	BLR1	513	319	513			
Syracuse Energy Corporation	New York	50651	BLR2	638	502	638			
Syracuse Energy Corporation	New York	50651	BLR3	281	585	585			
Syracuse Energy Corporation	New York	50651	BLR4	372	352	372			
Syracuse Energy Corporation	New York	50651	BLR5	354	330	354			
Vernon Boulevard	New York	7909	VB01	0	0	0			
Vernon Boulevard	New York	7909	VB02	0	0	0			
WPS Beaver Falls Generation, LLC	New York	10617	1	0	0	0			
WPS Syracuse Generation, LLC	New York	10621	1	0	0	0			
Wading River Facility	New York	7146	UGT007	24	35	35			
Wading River Facility	New York	7146	UGT008	24	33	33			
Wading River Facility	New York	7146	UGT009	27	33	33			
Wading River Facility	New York	7146	UGT013	3	9	9			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
S A Carlson	New York	2682	10				114	138	112
S A Carlson	New York	2682	11				0		
S A Carlson	New York	2682	12				293	260	222
S A Carlson	New York	2682	20				21	29	6
S A Carlson	New York	2682	9				192	159	135
Saranac Power Partners, LP	New York	54574	00001				115	130	120
Saranac Power Partners, LP	New York	54574	00002				132	115	109
Selkirk Cogen Partners	New York	10725	CTG101				280	245	217
Selkirk Cogen Partners	New York	10725	CTG201				81	69	52
Selkirk Cogen Partners	New York	10725	CTG301				77	69	51
Shoemaker	New York	2632	1				15	4	7
Shoreham Energy	New York	55787	CT01				2	1	3
Shoreham Energy	New York	55787	CT02				2	1	2
Sterling Power Plant	New York	50744	00001				9	4	27
Syracuse Energy Corporation	New York	50651	BLR1				337	271	107
Syracuse Energy Corporation	New York	50651	BLR2				310	247	102
Syracuse Energy Corporation	New York	50651	BLR3				305	205	184
Syracuse Energy Corporation	New York	50651	BLR4				190	202	175
Syracuse Energy Corporation	New York	50651	BLR5				223	209	175
Vernon Boulevard	New York	7909	VB01				2	3	3
Vernon Boulevard	New York	7909	VB02				3	3	3
WPS Beaver Falls Generation, LLC	New York	10617	1				6	1	2
WPS Syracuse Generation, LLC	New York	10621	1				3	6	3
Wading River Facility	New York	7146	UGT007				159	135	76
Wading River Facility	New York	7146	UGT008				279	85	114
Wading River Facility	New York	7146	UGT009				189	101	73
Wading River Facility	New York	7146	UGT013				17	5	16

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
S A Carlson	New York	2682	10	44	50	84	71	55	138
S A Carlson	New York	2682	11			0			0
S A Carlson	New York	2682	12	241	277	229	123	87	293
S A Carlson	New York	2682	20	9	15	5	4	10	29
S A Carlson	New York	2682	9	166	234	214	84	63	234
Saranac Power Partners, LP	New York	54574	00001	113	110	115	68	30	130
Saranac Power Partners, LP	New York	54574	00002	107	108	108	69	18	132
Selkirk Cogen Partners	New York	10725	CTG101	209	202	203	169	198	280
Selkirk Cogen Partners	New York	10725	CTG201	49	73	86	73	65	86
Selkirk Cogen Partners	New York	10725	CTG301	47	65	78	69	61	78
Shoemaker	New York	2632	1	19	5	1	1	9	19
Shoreham Energy	New York	55787	CT01	1	3	2	1	2	3
Shoreham Energy	New York	55787	CT02	1	3	2	1	2	3
Sterling Power Plant	New York	50744	00001	6	4	2	4	6	27
Syracuse Energy Corporation	New York	50651	BLR1	178	258	254	169	114	337
Syracuse Energy Corporation	New York	50651	BLR2	161	257	263	217	183	310
Syracuse Energy Corporation	New York	50651	BLR3	205	223	236	84	213	305
Syracuse Energy Corporation	New York	50651	BLR4	161	142	179	119	127	202
Syracuse Energy Corporation	New York	50651	BLR5	199	157	151	122	122	223
Vernon Boulevard	New York	7909	VB01	3	3	3	1	2	3
Vernon Boulevard	New York	7909	VB02	3	3	4	1	2	4
WPS Beaver Falls Generation, LLC	New York	10617	1		7	2	5	2	7
WPS Syracuse Generation, LLC	New York	10621	1	8	10	7	9	2	10
Wading River Facility	New York	7146	UGT007	25	54	42	19	26	159
Wading River Facility	New York	7146	UGT008	31	59	49	23	33	279
Wading River Facility	New York	7146	UGT009	41	54	57	27	31	189
Wading River Facility	New York	7146	UGT013	14	6	4	4	11	17

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
S A Carlson	New York	2682	10						
S A Carlson	New York	2682	11						
S A Carlson	New York	2682	12						
S A Carlson	New York	2682	20						
S A Carlson	New York	2682	9						
Saranac Power Partners, LP	New York	54574	00001						
Saranac Power Partners, LP	New York	54574	00002						
Selkirk Cogen Partners	New York	10725	CTG101						
Selkirk Cogen Partners	New York	10725	CTG201						
Selkirk Cogen Partners	New York	10725	CTG301						
Shoemaker	New York	2632	1						
Shoreham Energy	New York	55787	CT01						
Shoreham Energy	New York	55787	CT02						
Sterling Power Plant	New York	50744	00001						
Syracuse Energy Corporation	New York	50651	BLR1						
Syracuse Energy Corporation	New York	50651	BLR2						
Syracuse Energy Corporation	New York	50651	BLR3						
Syracuse Energy Corporation	New York	50651	BLR4						
Syracuse Energy Corporation	New York	50651	BLR5						
Vernon Boulevard	New York	7909	VB01						
Vernon Boulevard	New York	7909	VB02						
WPS Beaver Falls Generation, LLC	New York	10617	1						
WPS Syracuse Generation, LLC	New York	10621	1						
Wading River Facility	New York	7146	UGT007						
Wading River Facility	New York	7146	UGT008						
Wading River Facility	New York	7146	UGT009						
Wading River Facility	New York	7146	UGT013						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
S A Carlson	New York	2682	10	28	28	19	19
S A Carlson	New York	2682	11	0	0	0	0
S A Carlson	New York	2682	12	108	108	74	74
S A Carlson	New York	2682	20	0	0	0	0
S A Carlson	New York	2682	9	86	86	59	59
Saranac Power Partners, LP	New York	54574	00001	2	2	2	2
Saranac Power Partners, LP	New York	54574	00002	1	1	1	1
Selkirk Cogen Partners	New York	10725	CTG101	2	2	2	2
Selkirk Cogen Partners	New York	10725	CTG201	2	2	2	2
Selkirk Cogen Partners	New York	10725	CTG301	2	2	2	2
Shoemaker	New York	2632	1	0	0	0	0
Shoreham Energy	New York	55787	CT01	4	4	4	4
Shoreham Energy	New York	55787	CT02	4	4	4	4
Sterling Power Plant	New York	50744	00001	0	0	0	0
Syracuse Energy Corporation	New York	50651	BLR1	115	115	79	79
Syracuse Energy Corporation	New York	50651	BLR2	117	117	81	81
Syracuse Energy Corporation	New York	50651	BLR3	110	110	76	76
Syracuse Energy Corporation	New York	50651	BLR4	79	79	55	55
Syracuse Energy Corporation	New York	50651	BLR5	84	84	58	58
Vernon Boulevard	New York	7909	VB01	0	0	0	0
Vernon Boulevard	New York	7909	VB02	0	0	0	0
WPS Beaver Falls Generation, LLC	New York	10617	1	0	0	0	0
WPS Syracuse Generation, LLC	New York	10621	1	0	0	0	0
Wading River Facility	New York	7146	UGT007	31	31	21	21
Wading River Facility	New York	7146	UGT008	32	32	22	22
Wading River Facility	New York	7146	UGT009	33	33	23	23
Wading River Facility	New York	7146	UGT013	3	3	2	2

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
S A Carlson	New York	2682	10	19	19	14	14
S A Carlson	New York	2682	11	0	0	0	0
S A Carlson	New York	2682	12	74	74	54	54
S A Carlson	New York	2682	20	0	0	7	7
S A Carlson	New York	2682	9	59	59	43	43
Saranac Power Partners, LP	New York	54574	00001	2	2	130	130
Saranac Power Partners, LP	New York	54574	00002	1	1	132	132
Selkirk Cogen Partners	New York	10725	CTG101	2	2	238	238
Selkirk Cogen Partners	New York	10725	CTG201	2	2	86	86
Selkirk Cogen Partners	New York	10725	CTG301	2	2	78	78
Shoemaker	New York	2632	1	0	0	2	2
Shoreham Energy	New York	55787	CT01	4	4	3	3
Shoreham Energy	New York	55787	CT02	4	4	3	3
Sterling Power Plant	New York	50744	00001	0	0	4	4
Syracuse Energy Corporation	New York	50651	BLR1	79	79	57	57
Syracuse Energy Corporation	New York	50651	BLR2	81	81	59	59
Syracuse Energy Corporation	New York	50651	BLR3	76	76	55	55
Syracuse Energy Corporation	New York	50651	BLR4	55	55	40	40
Syracuse Energy Corporation	New York	50651	BLR5	58	58	42	42
Vernon Boulevard	New York	7909	VB01	0	0	3	3
Vernon Boulevard	New York	7909	VB02	0	0	4	4
WPS Beaver Falls Generation, LLC	New York	10617	1	0	0	7	7
WPS Syracuse Generation, LLC	New York	10621	1	0	0	10	10
Wading River Facility	New York	7146	UGT007	21	21	15	15
Wading River Facility	New York	7146	UGT008	22	22	16	16
Wading River Facility	New York	7146	UGT009	23	23	17	17
Wading River Facility	New York	7146	UGT013	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
S A Carlson	New York	2682	10	14	14	14	14
S A Carlson	New York	2682	11	0	0	0	0
S A Carlson	New York	2682	12	54	54	54	54
S A Carlson	New York	2682	20	7	7	7	7
S A Carlson	New York	2682	9	43	43	43	43
Saranac Power Partners, LP	New York	54574	00001	130	130	130	130
Saranac Power Partners, LP	New York	54574	00002	132	132	132	132
Selkirk Cogen Partners	New York	10725	CTG101	238	238	238	238
Selkirk Cogen Partners	New York	10725	CTG201	86	86	86	86
Selkirk Cogen Partners	New York	10725	CTG301	78	78	78	78
Shoemaker	New York	2632	1	2	2	2	2
Shoreham Energy	New York	55787	CT01	3	3	3	3
Shoreham Energy	New York	55787	CT02	3	3	3	3
Sterling Power Plant	New York	50744	00001	4	4	4	4
Syracuse Energy Corporation	New York	50651	BLR1	57	57	57	57
Syracuse Energy Corporation	New York	50651	BLR2	59	59	59	59
Syracuse Energy Corporation	New York	50651	BLR3	55	55	55	55
Syracuse Energy Corporation	New York	50651	BLR4	40	40	40	40
Syracuse Energy Corporation	New York	50651	BLR5	42	42	42	42
Vernon Boulevard	New York	7909	VB01	3	3	3	3
Vernon Boulevard	New York	7909	VB02	4	4	4	4
WPS Beaver Falls Generation, LLC	New York	10617	1	7	7	7	7
WPS Syracuse Generation, LLC	New York	10621	1	10	10	10	10
Wading River Facility	New York	7146	UGT007	15	15	15	15
Wading River Facility	New York	7146	UGT008	16	16	16	16
Wading River Facility	New York	7146	UGT009	17	17	17	17
Wading River Facility	New York	7146	UGT013	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
S A Carlson	New York	2682	10	49,791	37,088	161,164	24,619		82,681
S A Carlson	New York	2682	11		2	2			2
S A Carlson	New York	2682	12	552,363	571,904	482,210	63,162	29,882	535,492
S A Carlson	New York	2682	20	112,131	122,114	46,734	54,261	152,932	129,059
S A Carlson	New York	2682	9	250,803	424,321	327,923	2,965	7,176	334,349
Saranac Power Partners, LP	New York	54574	00001	3,641,068	3,586,578	3,740,474	1,826,109	701,808	3,656,040
Saranac Power Partners, LP	New York	54574	00002	3,408,567	3,502,229	3,393,205	1,755,127	427,327	3,434,667
Selkirk Cogen Partners	New York	10725	CTG101	3,049,915	2,340,657	2,527,266	2,242,707	2,977,393	2,851,525
Selkirk Cogen Partners	New York	10725	CTG201	2,777,282	2,808,299	3,159,585	2,692,530	2,888,738	2,952,208
Selkirk Cogen Partners	New York	10725	CTG301	2,636,320	2,691,525	3,104,051	2,602,977	2,773,323	2,856,299
Shoemaker	New York	2632	1	100,048	17,906	2,939	1,269	13,949	43,968
Shoreham Energy	New York	55787	CT01	82,291	149,652	169,850	82,426	148,040	155,847
Shoreham Energy	New York	55787	CT02	74,833	123,314	175,158	81,161	142,475	146,982
Sterling Power Plant	New York	50744	00001	55,455	37,627	22,622	56,761	97,190	69,802
Syracuse Energy Corporation	New York	50651	BLR1	598,066	626,780	573,690	388,015	219,219	599,512
Syracuse Energy Corporation	New York	50651	BLR2	487,971	668,490	617,003	538,717	417,208	608,070
Syracuse Energy Corporation	New York	50651	BLR3	494,311	654,209	524,238	81,572	493,398	557,586
Syracuse Energy Corporation	New York	50651	BLR4	388,885	413,802	430,345	240,329	244,854	411,011
Syracuse Energy Corporation	New York	50651	BLR5	495,125	472,091	392,293	345,323	353,527	453,170
Vernon Boulevard	New York	7909	VB01	309,023	369,475	444,373	45,607	256,618	374,290
Vernon Boulevard	New York	7909	VB02	356,488	364,271	458,590	49,372	217,737	393,116
WPS Beaver Falls Generation, LLC	New York	10617	1		381,569	93,573	67,561	8,420	180,901
WPS Syracuse Generation, LLC	New York	10621	1	419,501	262,749	98,626	90,248	41,856	260,292
Wading River Facility	New York	7146	UGT007	171,089	251,051	378,007	157,323	292,883	307,313
Wading River Facility	New York	7146	UGT008	226,753	289,404	352,400	148,375	272,440	304,748
Wading River Facility	New York	7146	UGT009	199,716	320,369	359,435	168,512	274,140	317,981
Wading River Facility	New York	7146	UGT013	48,906	10,526	13,964	7,228	33,946	32,272

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
S A Carlson	New York	2682	10	338,914,478	0.000244	10,037	10,037	2	2
S A Carlson	New York	2682	11	338,914,478	0.000000	10,037	10,037	0	0
S A Carlson	New York	2682	12	338,914,478	0.001580	10,037	10,037	16	16
S A Carlson	New York	2682	20	338,914,478	0.000381	10,037	10,037	4	4
S A Carlson	New York	2682	9	338,914,478	0.000987	10,037	10,037	10	10
Saranac Power Partners, LP	New York	54574	00001	338,914,478	0.010788	10,037	10,037	108	108
Saranac Power Partners, LP	New York	54574	00002	338,914,478	0.010134	10,037	10,037	102	102
Selkirk Cogen Partners	New York	10725	CTG101	338,914,478	0.008414	10,037	10,037	84	84
Selkirk Cogen Partners	New York	10725	CTG201	338,914,478	0.008711	10,037	10,037	87	87
Selkirk Cogen Partners	New York	10725	CTG301	338,914,478	0.008428	10,037	10,037	85	85
Shoemaker	New York	2632	1	338,914,478	0.000130	10,037	10,037	1	1
Shoreham Energy	New York	55787	CT01	338,914,478	0.000460	10,037	10,037	5	5
Shoreham Energy	New York	55787	CT02	338,914,478	0.000434	10,037	10,037	4	4
Sterling Power Plant	New York	50744	00001	338,914,478	0.000206	10,037	10,037	2	2
Syracuse Energy Corporation	New York	50651	BLR1	338,914,478	0.001769	10,037	10,037	18	18
Syracuse Energy Corporation	New York	50651	BLR2	338,914,478	0.001794	10,037	10,037	18	18
Syracuse Energy Corporation	New York	50651	BLR3	338,914,478	0.001645	10,037	10,037	17	17
Syracuse Energy Corporation	New York	50651	BLR4	338,914,478	0.001213	10,037	10,037	12	12
Syracuse Energy Corporation	New York	50651	BLR5	338,914,478	0.001337	10,037	10,037	13	13
Vernon Boulevard	New York	7909	VB01	338,914,478	0.001104	10,037	10,037	11	11
Vernon Boulevard	New York	7909	VB02	338,914,478	0.001160	10,037	10,037	12	12
WPS Beaver Falls Generation, LLC	New York	10617	1	338,914,478	0.000534	10,037	10,037	5	5
WPS Syracuse Generation, LLC	New York	10621	1	338,914,478	0.000768	10,037	10,037	8	8
Wading River Facility	New York	7146	UGT007	338,914,478	0.000907	10,037	10,037	9	9
Wading River Facility	New York	7146	UGT008	338,914,478	0.000899	10,037	10,037	9	9
Wading River Facility	New York	7146	UGT009	338,914,478	0.000938	10,037	10,037	9	9
Wading River Facility	New York	7146	UGT013	338,914,478	0.000095	10,037	10,037	1	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
S A Carlson	New York	2682	10	34	44	59	11	8	39
S A Carlson	New York	2682	11						0
S A Carlson	New York	2682	12	50	110	54	105	112	95
S A Carlson	New York	2682	20	8	14	3	7	8	3
S A Carlson	New York	2682	9	85	47	46	49	88	66
Saranac Power Partners, LP	New York	54574	00001	48	56	49	47	47	49
Saranac Power Partners, LP	New York	54574	00002	56	53	42	44	44	42
Selkirk Cogen Partners	New York	10725	CTG101	105	94	90	106	83	91
Selkirk Cogen Partners	New York	10725	CTG201	21	23	20	21	32	41
Selkirk Cogen Partners	New York	10725	CTG301	19	23	23	20	31	40
Shoemaker	New York	2632	1	5	1	4	16	4	1
Shoreham Energy	New York	55787	CT01	2	1	2	1	2	2
Shoreham Energy	New York	55787	CT02	2	1	2	1	2	2
Sterling Power Plant	New York	50744	00001	8	2	21	3	2	2
Syracuse Energy Corporation	New York	50651	BLR1	123	105	56	87	106	102
Syracuse Energy Corporation	New York	50651	BLR2	114	94	47	74	113	111
Syracuse Energy Corporation	New York	50651	BLR3	110	78	78	72	111	95
Syracuse Energy Corporation	New York	50651	BLR4	72	79	71	61	70	77
Syracuse Energy Corporation	New York	50651	BLR5	75	70	73	76	80	71
Vernon Boulevard	New York	7909	VB01	1	1	2	2	2	2
Vernon Boulevard	New York	7909	VB02	1	1	2	2	2	2
WPS Beaver Falls Generation, LLC	New York	10617	1	4	1	1		6	2
WPS Syracuse Generation, LLC	New York	10621	1	1	3		6	4	3
Wading River Facility	New York	7146	UGT007	107	58	47	23	36	40
Wading River Facility	New York	7146	UGT008	97	33	56	28	35	47
Wading River Facility	New York	7146	UGT009	106	31	43	25	39	48
Wading River Facility	New York	7146	UGT013	17	4	12	13	3	4

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
S A Carlson	New York	2682	10	5		59			
S A Carlson	New York	2682	11			0			
S A Carlson	New York	2682	12	11	5	112			
S A Carlson	New York	2682	20	3	9	14			
S A Carlson	New York	2682	9	1	1	88			
Saranac Power Partners, LP	New York	54574	00001	25	10	56			
Saranac Power Partners, LP	New York	54574	00002	27	6	56			
Selkirk Cogen Partners	New York	10725	CTG101	83	108	108			
Selkirk Cogen Partners	New York	10725	CTG201	34	38	41			
Selkirk Cogen Partners	New York	10725	CTG301	33	36	40			
Shoemaker	New York	2632	1	1	7	16			
Shoreham Energy	New York	55787	CT01	1	2	2			
Shoreham Energy	New York	55787	CT02	1	2	2			
Sterling Power Plant	New York	50744	00001	3	5	21			
Syracuse Energy Corporation	New York	50651	BLR1	68	39	123			
Syracuse Energy Corporation	New York	50651	BLR2	96	75	114			
Syracuse Energy Corporation	New York	50651	BLR3	13	89	111			
Syracuse Energy Corporation	New York	50651	BLR4	42	44	79			
Syracuse Energy Corporation	New York	50651	BLR5	62	64	80			
Vernon Boulevard	New York	7909	VB01	0	1	2			
Vernon Boulevard	New York	7909	VB02	0	1	2			
WPS Beaver Falls Generation, LLC	New York	10617	1	1	0	6			
WPS Syracuse Generation, LLC	New York	10621	1	6	2	6			
Wading River Facility	New York	7146	UGT007	14	25	107			
Wading River Facility	New York	7146	UGT008	18	32	97			
Wading River Facility	New York	7146	UGT009	21	29	106			
Wading River Facility	New York	7146	UGT013	2	11	17			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
S A Carlson	New York	2682	10				3	3
S A Carlson	New York	2682	11				0	0
S A Carlson	New York	2682	12				23	23
S A Carlson	New York	2682	20				5	5
S A Carlson	New York	2682	9				14	14
Saranac Power Partners, LP	New York	54574	00001				56	56
Saranac Power Partners, LP	New York	54574	00002				56	56
Selkirk Cogen Partners	New York	10725	CTG101				108	108
Selkirk Cogen Partners	New York	10725	CTG201				41	41
Selkirk Cogen Partners	New York	10725	CTG301				40	40
Shoemaker	New York	2632	1				2	2
Shoreham Energy	New York	55787	CT01				2	2
Shoreham Energy	New York	55787	CT02				2	2
Sterling Power Plant	New York	50744	00001				3	3
Syracuse Energy Corporation	New York	50651	BLR1				25	25
Syracuse Energy Corporation	New York	50651	BLR2				26	26
Syracuse Energy Corporation	New York	50651	BLR3				24	24
Syracuse Energy Corporation	New York	50651	BLR4				17	17
Syracuse Energy Corporation	New York	50651	BLR5				19	19
Vernon Boulevard	New York	7909	VB01				2	2
Vernon Boulevard	New York	7909	VB02				2	2
WPS Beaver Falls Generation, LLC	New York	10617	1				6	6
WPS Syracuse Generation, LLC	New York	10621	1				6	6
Wading River Facility	New York	7146	UGT007				13	13
Wading River Facility	New York	7146	UGT008				13	13
Wading River Facility	New York	7146	UGT009				13	13
Wading River Facility	New York	7146	UGT013				1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
S A Carlson	New York	2682	10	3	3	3	3	Y
S A Carlson	New York	2682	11	0	0	0	0	Y
S A Carlson	New York	2682	12	23	23	23	23	Y
S A Carlson	New York	2682	20	5	5	5	5	Y
S A Carlson	New York	2682	9	14	14	14	14	Y
Saranac Power Partners, LP	New York	54574	00001	56	56	56	56	Y
Saranac Power Partners, LP	New York	54574	00002	56	56	56	56	Y
Selkirk Cogen Partners	New York	10725	CTG101	108	108	108	108	Y
Selkirk Cogen Partners	New York	10725	CTG201	41	41	41	41	Y
Selkirk Cogen Partners	New York	10725	CTG301	40	40	40	40	Y
Shoemaker	New York	2632	1	2	2	2	2	Y
Shoreham Energy	New York	55787	CT01	2	2	2	2	Y
Shoreham Energy	New York	55787	CT02	2	2	2	2	Y
Sterling Power Plant	New York	50744	00001	3	3	3	3	Y
Syracuse Energy Corporation	New York	50651	BLR1	25	25	25	25	Y
Syracuse Energy Corporation	New York	50651	BLR2	26	26	26	26	Y
Syracuse Energy Corporation	New York	50651	BLR3	24	24	24	24	Y
Syracuse Energy Corporation	New York	50651	BLR4	17	17	17	17	Y
Syracuse Energy Corporation	New York	50651	BLR5	19	19	19	19	Y
Vernon Boulevard	New York	7909	VB01	2	2	2	2	Y
Vernon Boulevard	New York	7909	VB02	2	2	2	2	Y
WPS Beaver Falls Generation, LLC	New York	10617	1	6	6	6	6	Y
WPS Syracuse Generation, LLC	New York	10621	1	6	6	6	6	Y
Wading River Facility	New York	7146	UGT007	13	13	13	13	Y
Wading River Facility	New York	7146	UGT008	13	13	13	13	Y
Wading River Facility	New York	7146	UGT009	13	13	13	13	Y
Wading River Facility	New York	7146	UGT013	1	1	1	1	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
S A Carlson	New York	2682	10	Y		Y		
S A Carlson	New York	2682	11	Y		Y		
S A Carlson	New York	2682	12	Y		Y		
S A Carlson	New York	2682	20	Y		Y		
S A Carlson	New York	2682	9	Y		Y		
Saranac Power Partners, LP	New York	54574	00001	Y		Y		
Saranac Power Partners, LP	New York	54574	00002	Y		Y		
Selkirk Cogen Partners	New York	10725	CTG101	Y		Y		
Selkirk Cogen Partners	New York	10725	CTG201	Y		Y		
Selkirk Cogen Partners	New York	10725	CTG301	Y		Y		
Shoemaker	New York	2632	1	Y		Y		
Shoreham Energy	New York	55787	CT01	Y		Y		
Shoreham Energy	New York	55787	CT02	Y		Y		
Sterling Power Plant	New York	50744	00001	Y		Y		
Syracuse Energy Corporation	New York	50651	BLR1	Y		Y		
Syracuse Energy Corporation	New York	50651	BLR2	Y		Y		
Syracuse Energy Corporation	New York	50651	BLR3	Y		Y		
Syracuse Energy Corporation	New York	50651	BLR4	Y		Y		
Syracuse Energy Corporation	New York	50651	BLR5	Y		Y		
Vernon Boulevard	New York	7909	VB01	Y		Y		
Vernon Boulevard	New York	7909	VB02	Y		Y		
WPS Beaver Falls Generation, LLC	New York	10617	1	Y		Y		
WPS Syracuse Generation, LLC	New York	10621	1	Y		Y		
Wading River Facility	New York	7146	UGT007	Y		Y		
Wading River Facility	New York	7146	UGT008	Y		Y		
Wading River Facility	New York	7146	UGT009	Y		Y		
Wading River Facility	New York	7146	UGT013	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
West Babylon Facility	New York	2521	UGT001	1753	36,160	17,766	36,396	7,741	24,721
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	4361	4,653	8,569	3,438	4,559	5,049
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	4363	7,009	4,786	4,086	7,617	3,127
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	4365	3,110	5,613	6,064	3,976	5,335
Ashtabula	Ohio	2835	7	1901	18,695,534	16,482,356	13,974,908	6,912,201	10,842,971
Avon Lake Power Plant	Ohio	2836	10	1904	3,406,103	4,562,567	2,461,811	519,482	741,911
Avon Lake Power Plant	Ohio	2836	12	1906	31,705,425	24,480,326	26,876,132	28,746,316	24,931,939
Avon Lake Power Plant	Ohio	2836	CT10	10208	13,525	10,647	277	533	3,575
Bay Shore	Ohio	2878	1	1984	14,480,573	12,310,656	14,371,913	14,179,523	15,223,411
Bay Shore	Ohio	2878	2	1985	9,642,914	9,572,170	9,238,025	2,636,435	6,248,843
Bay Shore	Ohio	2878	3	1986	10,364,396	9,712,175	9,503,731	5,753,505	7,919,515
Bay Shore	Ohio	2878	4	1987	17,544,350	14,271,946	14,679,922	9,674,865	11,495,596
Cardinal	Ohio	2828	1	1883	31,028,035	29,305,347	29,626,743	32,906,487	33,791,587
Cardinal	Ohio	2828	2	1884	36,636,142	29,398,620	35,523,516	27,521,683	24,979,145
Cardinal	Ohio	2828	3	1885	39,408,868	44,597,075	33,384,325	43,351,427	37,871,602
Conesville	Ohio	2840	3	1920	5,002,365	6,683,884	8,195,881	4,929,771	5,743,176
Conesville	Ohio	2840	4	1921	38,915,110	44,885,034	36,844,643	20,260,274	25,123,658
Conesville	Ohio	2840	5	1922	22,834,171	28,730,364	31,309,228	18,578,189	17,243,322
Conesville	Ohio	2840	6	1923	25,441,528	27,931,487	24,420,828	22,319,625	19,001,793
Darby Electric Generating Station	Ohio	55247	CT1	4313	61,471	178,619	61,234	27,208	89,886
Darby Electric Generating Station	Ohio	55247	CT2	4314	63,675	173,439	61,261	25,401	89,724
Darby Electric Generating Station	Ohio	55247	CT3	4315	56,322	187,199	44,825	30,596	105,706
Darby Electric Generating Station	Ohio	55247	CT4	4316	50,983	190,603	58,829	25,788	90,746
Darby Electric Generating Station	Ohio	55247	CT5	4317	42,158	175,804	42,643	37,716	18,194
Darby Electric Generating Station	Ohio	55247	CT6	4318	43,453	177,423	50,719	28,357	85,416
Dicks Creek Station	Ohio	2831	1	9185	16,740			19,207	1,919
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	9079	1,972,459	3,662,116	2,769,034	4,803,989	7,217,669

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
West Babylon Facility	New York	2521	UGT001	32,425	707,632,553	0.000046	30,235	21,670
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	6,090	1,419,359,736	0.000004	304,025	134,335
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	6,471	1,419,359,736	0.000005	304,025	134,335
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	5,671	1,419,359,736	0.000004	304,025	134,335
Ashtabula	Ohio	2835	7	16,384,266	1,419,359,736	0.011543	304,025	134,335
Avon Lake Power Plant	Ohio	2836	10	3,476,827	1,419,359,736	0.002450	304,025	134,335
Avon Lake Power Plant	Ohio	2836	12	29,109,291	1,419,359,736	0.020509	304,025	134,335
Avon Lake Power Plant	Ohio	2836	CT10	9,249	1,419,359,736	0.000007	304,025	134,335
Bay Shore	Ohio	2878	1	14,691,966	1,419,359,736	0.010351	304,025	134,335
Bay Shore	Ohio	2878	2	9,484,369	1,419,359,736	0.006682	304,025	134,335
Bay Shore	Ohio	2878	3	9,860,101	1,419,359,736	0.006947	304,025	134,335
Bay Shore	Ohio	2878	4	15,498,739	1,419,359,736	0.010920	304,025	134,335
Cardinal	Ohio	2828	1	32,575,370	1,419,359,736	0.022951	304,025	134,335
Cardinal	Ohio	2828	2	33,852,759	1,419,359,736	0.023851	304,025	134,335
Cardinal	Ohio	2828	3	42,452,457	1,419,359,736	0.029910	304,025	134,335
Conesville	Ohio	2840	3	6,874,314	1,419,359,736	0.004843	304,025	134,335
Conesville	Ohio	2840	4	40,214,929	1,419,359,736	0.028333	304,025	134,335
Conesville	Ohio	2840	5	27,624,588	1,419,359,736	0.019463	304,025	134,335
Conesville	Ohio	2840	6	25,931,281	1,419,359,736	0.018270	304,025	134,335
Darby Electric Generating Station	Ohio	55247	CT1	109,992	1,419,359,736	0.000077	304,025	134,335
Darby Electric Generating Station	Ohio	55247	CT2	108,946	1,419,359,736	0.000077	304,025	134,335
Darby Electric Generating Station	Ohio	55247	CT3	116,409	1,419,359,736	0.000082	304,025	134,335
Darby Electric Generating Station	Ohio	55247	CT4	113,393	1,419,359,736	0.000080	304,025	134,335
Darby Electric Generating Station	Ohio	55247	CT5	86,868	1,419,359,736	0.000061	304,025	134,335
Darby Electric Generating Station	Ohio	55247	CT6	104,519	1,419,359,736	0.000074	304,025	134,335
Dicks Creek Station	Ohio	2831	1	12,622	1,419,359,736	0.000009	304,025	134,335
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	5,227,924	1,419,359,736	0.003683	304,025	134,335

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
West Babylon Facility	New York	2521	UGT001	20,607	20,607	1	1	1	1
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	90,849	85,743	1	1	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	90,849	85,743	1	1	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	90,849	85,743	1	1	0	0
Ashtabula	Ohio	2835	7	90,849	85,743	3,509	1,551	1,049	990
Avon Lake Power Plant	Ohio	2836	10	90,849	85,743	745	329	223	210
Avon Lake Power Plant	Ohio	2836	12	90,849	85,743	6,235	2,755	1,863	1,758
Avon Lake Power Plant	Ohio	2836	CT10	90,849	85,743	2	1	1	1
Bay Shore	Ohio	2878	1	90,849	85,743	3,147	1,391	940	888
Bay Shore	Ohio	2878	2	90,849	85,743	2,032	898	607	573
Bay Shore	Ohio	2878	3	90,849	85,743	2,112	933	631	596
Bay Shore	Ohio	2878	4	90,849	85,743	3,320	1,467	992	936
Cardinal	Ohio	2828	1	90,849	85,743	6,978	3,083	2,085	1,968
Cardinal	Ohio	2828	2	90,849	85,743	7,251	3,204	2,167	2,045
Cardinal	Ohio	2828	3	90,849	85,743	9,093	4,018	2,717	2,565
Conesville	Ohio	2840	3	90,849	85,743	1,472	651	440	415
Conesville	Ohio	2840	4	90,849	85,743	8,614	3,806	2,574	2,429
Conesville	Ohio	2840	5	90,849	85,743	5,917	2,615	1,768	1,669
Conesville	Ohio	2840	6	90,849	85,743	5,554	2,454	1,660	1,566
Darby Electric Generating Station	Ohio	55247	CT1	90,849	85,743	24	10	7	7
Darby Electric Generating Station	Ohio	55247	CT2	90,849	85,743	23	10	7	7
Darby Electric Generating Station	Ohio	55247	CT3	90,849	85,743	25	11	7	7
Darby Electric Generating Station	Ohio	55247	CT4	90,849	85,743	24	11	7	7
Darby Electric Generating Station	Ohio	55247	CT5	90,849	85,743	19	8	6	5
Darby Electric Generating Station	Ohio	55247	CT6	90,849	85,743	22	10	7	6
Dicks Creek Station	Ohio	2831	1	90,849	85,743	3	1	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	90,849	85,743	1,120	495	335	316

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
West Babylon Facility	New York	2521	UGT001						
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0		0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0		0	0	0	0
Ashtabula	Ohio	2835	7	2,602	3,558	4,176	5,589	6,655	3,850
Avon Lake Power Plant	Ohio	2836	10	5,039	2,765	4,748	4,782	6,553	2,015
Avon Lake Power Plant	Ohio	2836	12	30,968	25,594	37,774	38,697	32,219	20,583
Avon Lake Power Plant	Ohio	2836	CT10						
Bay Shore	Ohio	2878	1	2,550	2,807	2,686	3,015	2,594	2,710
Bay Shore	Ohio	2878	2	2,390	1,964	3,072	3,139	3,019	2,857
Bay Shore	Ohio	2878	3	2,483	2,360	2,944	3,357	3,078	2,935
Bay Shore	Ohio	2878	4	3,162	3,134	5,333	5,697	4,515	4,531
Cardinal	Ohio	2828	1	52,481	44,294	46,714	37,115	36,779	6,832
Cardinal	Ohio	2828	2	21,148	28,733	41,530	24,445	17,685	3,457
Cardinal	Ohio	2828	3	23,299	27,107	27,604	25,320	26,824	22,208
Conesville	Ohio	2840	3	15,339	13,074	13,142	9,195	13,234	15,871
Conesville	Ohio	2840	4	83,558	47,874	80,981	71,923	92,626	72,395
Conesville	Ohio	2840	5	4,568	6,780	5,933	4,294	3,864	2,661
Conesville	Ohio	2840	6	6,047	7,015	4,671	5,129	4,329	2,432
Darby Electric Generating Station	Ohio	55247	CT1	0	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT2	0	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT3	0	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT4	0	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT5	0	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT6	0	0	0	0	0	0
Dicks Creek Station	Ohio	2831	1						
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	0	0	1	1	1	1

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
West Babylon Facility	New York	2521	UGT001	1	3	3			
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	0			
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0			
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	0			
Ashtabula	Ohio	2835	7	4,955	5,029	6,655			
Avon Lake Power Plant	Ohio	2836	10	658	1,007	6,553			
Avon Lake Power Plant	Ohio	2836	12	36,503	34,481	38,697			
Avon Lake Power Plant	Ohio	2836	CT10	0	1	1			
Bay Shore	Ohio	2878	1	2,130	2,455	3,015			
Bay Shore	Ohio	2878	2	868	2,332	3,139			
Bay Shore	Ohio	2878	3	1,829	2,932	3,357			
Bay Shore	Ohio	2878	4	3,051	4,229	5,697			
Cardinal	Ohio	2828	1	2,688	3,806	52,481			
Cardinal	Ohio	2828	2	4,274	2,119	41,530			
Cardinal	Ohio	2828	3	27,789	26,596	27,789			
Conesville	Ohio	2840	3	10,108	11,604	15,871			
Conesville	Ohio	2840	4	12,025	1,823	92,626			
Conesville	Ohio	2840	5	1,970	1,570	6,780			
Conesville	Ohio	2840	6	2,128	1,561	7,015			
Darby Electric Generating Station	Ohio	55247	CT1	0	0	0			
Darby Electric Generating Station	Ohio	55247	CT2	0	0	0			
Darby Electric Generating Station	Ohio	55247	CT3	0	0	0			
Darby Electric Generating Station	Ohio	55247	CT4	0	0	0			
Darby Electric Generating Station	Ohio	55247	CT5	0	0	0			
Darby Electric Generating Station	Ohio	55247	CT6	0	0	0			
Dicks Creek Station	Ohio	2831	1	0	0	0			
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	1	2	2			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
West Babylon Facility	New York	2521	UGT001				20	7	12
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1				0	0	2
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1				0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1				0		0
Ashtabula	Ohio	2835	7				1,739	1,499	1,599
Avon Lake Power Plant	Ohio	2836	10				1,047	443	683
Avon Lake Power Plant	Ohio	2836	12				13,299	5,347	6,196
Avon Lake Power Plant	Ohio	2836	CT10				6	7	8
Bay Shore	Ohio	2878	1				647	530	678
Bay Shore	Ohio	2878	2				2,141	1,362	1,705
Bay Shore	Ohio	2878	3				2,142	1,530	1,613
Bay Shore	Ohio	2878	4				2,829	1,728	2,910
Cardinal	Ohio	2828	1				9,014	6,510	4,854
Cardinal	Ohio	2828	2				5,555	4,580	4,529
Cardinal	Ohio	2828	3				6,174	6,404	6,467
Conesville	Ohio	2840	3				2,166	1,847	1,842
Conesville	Ohio	2840	4				12,670	6,056	9,580
Conesville	Ohio	2840	5				3,100	4,386	4,979
Conesville	Ohio	2840	6				4,225	4,552	4,287
Darby Electric Generating Station	Ohio	55247	CT1				0	0	1
Darby Electric Generating Station	Ohio	55247	CT2				0	0	1
Darby Electric Generating Station	Ohio	55247	CT3				0	0	1
Darby Electric Generating Station	Ohio	55247	CT4				0	0	1
Darby Electric Generating Station	Ohio	55247	CT5				1	0	1
Darby Electric Generating Station	Ohio	55247	CT6				1	0	1
Dicks Creek Station	Ohio	2831	1					1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1				10	13	16

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
West Babylon Facility	New York	2521	UGT001	9	5	11	2	8	20
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	0	0	0	2
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	0	0	0	0
Ashtabula	Ohio	2835	7	1,613	1,626	1,463	1,016	1,425	1,739
Avon Lake Power Plant	Ohio	2836	10	797	862	482	98	129	1,047
Avon Lake Power Plant	Ohio	2836	12	5,504	4,953	5,088	5,014	4,974	13,299
Avon Lake Power Plant	Ohio	2836	CT10	8	6	0	0	2	8
Bay Shore	Ohio	2878	1	737	738	986	771	1,021	1,021
Bay Shore	Ohio	2878	2	1,745	1,972	1,821	552	1,400	2,141
Bay Shore	Ohio	2878	3	1,851	1,974	1,838	896	1,705	2,142
Bay Shore	Ohio	2878	4	3,136	2,851	2,800	1,473	2,453	3,136
Cardinal	Ohio	2828	1	4,190	4,959	4,051	562	654	9,014
Cardinal	Ohio	2828	2	6,243	4,853	6,399	522	611	6,399
Cardinal	Ohio	2828	3	6,715	5,784	6,686	880	827	6,715
Conesville	Ohio	2840	3	1,441	1,880	2,345	1,107	1,192	2,345
Conesville	Ohio	2840	4	7,493	8,616	8,103	3,911	827	12,670
Conesville	Ohio	2840	5	4,209	5,869	5,571	2,881	2,752	5,869
Conesville	Ohio	2840	6	4,718	5,841	4,428	3,426	3,026	5,841
Darby Electric Generating Station	Ohio	55247	CT1	1	3	1	0	1	3
Darby Electric Generating Station	Ohio	55247	CT2	1	3	1	0	1	3
Darby Electric Generating Station	Ohio	55247	CT3	1	2	1	0	1	2
Darby Electric Generating Station	Ohio	55247	CT4	1	2	1	0	1	2
Darby Electric Generating Station	Ohio	55247	CT5	1	3	1	1	0	3
Darby Electric Generating Station	Ohio	55247	CT6	1	3	1	1	1	3
Dicks Creek Station	Ohio	2831	1	2			2	0	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	21	35	23	19	35	35

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
West Babylon Facility	New York	2521	UGT001						
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1						
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1						
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1						
Ashtabula	Ohio	2835	7						
Avon Lake Power Plant	Ohio	2836	10						
Avon Lake Power Plant	Ohio	2836	12						
Avon Lake Power Plant	Ohio	2836	CT10						
Bay Shore	Ohio	2878	1						
Bay Shore	Ohio	2878	2						
Bay Shore	Ohio	2878	3						
Bay Shore	Ohio	2878	4						
Cardinal	Ohio	2828	1						
Cardinal	Ohio	2828	2						
Cardinal	Ohio	2828	3						
Conesville	Ohio	2840	3						
Conesville	Ohio	2840	4						
Conesville	Ohio	2840	5						
Conesville	Ohio	2840	6						
Darby Electric Generating Station	Ohio	55247	CT1						
Darby Electric Generating Station	Ohio	55247	CT2						
Darby Electric Generating Station	Ohio	55247	CT3						
Darby Electric Generating Station	Ohio	55247	CT4						
Darby Electric Generating Station	Ohio	55247	CT5						
Darby Electric Generating Station	Ohio	55247	CT6						
Dicks Creek Station	Ohio	2831	1						
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
West Babylon Facility	New York	2521	UGT001	3	3	2	2
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1		0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1		0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1		0	0	0
Ashtabula	Ohio	2835	7		3,748	1,620	1,620
Avon Lake Power Plant	Ohio	2836	10		795	344	344
Avon Lake Power Plant	Ohio	2836	12		6,659	2,879	2,879
Avon Lake Power Plant	Ohio	2836	CT10		1	1	1
Bay Shore	Ohio	2878	1		3,015	1,453	1,453
Bay Shore	Ohio	2878	2		2,170	938	938
Bay Shore	Ohio	2878	3		2,255	975	975
Bay Shore	Ohio	2878	4		3,545	1,533	1,533
Cardinal	Ohio	2828	1		7,451	3,222	3,222
Cardinal	Ohio	2828	2		7,744	3,348	3,348
Cardinal	Ohio	2828	3		9,711	4,199	4,199
Conesville	Ohio	2840	3		1,572	680	680
Conesville	Ohio	2840	4		9,199	3,977	3,977
Conesville	Ohio	2840	5		6,319	2,732	2,732
Conesville	Ohio	2840	6		5,932	2,565	2,565
Darby Electric Generating Station	Ohio	55247	CT1		0	0	0
Darby Electric Generating Station	Ohio	55247	CT2		0	0	0
Darby Electric Generating Station	Ohio	55247	CT3		0	0	0
Darby Electric Generating Station	Ohio	55247	CT4		0	0	0
Darby Electric Generating Station	Ohio	55247	CT5		0	0	0
Darby Electric Generating Station	Ohio	55247	CT6		0	0	0
Dicks Creek Station	Ohio	2831	1		0	0	0
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1		2	2	2

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Calculation							
West Babylon Facility	New York	2521	UGT001	2	2	1	1
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0		0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0		0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0		0
Ashtabula	Ohio	2835	7	1,620	1,620		1,087
Avon Lake Power Plant	Ohio	2836	10	344	344		231
Avon Lake Power Plant	Ohio	2836	12	2,879	2,879		1,931
Avon Lake Power Plant	Ohio	2836	CT10	1	1		1
Bay Shore	Ohio	2878	1	1,453	1,453		975
Bay Shore	Ohio	2878	2	938	938		629
Bay Shore	Ohio	2878	3	975	975		654
Bay Shore	Ohio	2878	4	1,533	1,533		1,028
Cardinal	Ohio	2828	1	3,222	3,222		2,161
Cardinal	Ohio	2828	2	3,348	3,348		2,246
Cardinal	Ohio	2828	3	4,199	4,199		2,816
Conesville	Ohio	2840	3	680	680		456
Conesville	Ohio	2840	4	3,977	3,977		2,668
Conesville	Ohio	2840	5	2,732	2,732		1,833
Conesville	Ohio	2840	6	2,565	2,565		1,720
Darby Electric Generating Station	Ohio	55247	CT1	0	0		3
Darby Electric Generating Station	Ohio	55247	CT2	0	0		3
Darby Electric Generating Station	Ohio	55247	CT3	0	0		2
Darby Electric Generating Station	Ohio	55247	CT4	0	0		2
Darby Electric Generating Station	Ohio	55247	CT5	0	0		3
Darby Electric Generating Station	Ohio	55247	CT6	0	0		3
Dicks Creek Station	Ohio	2831	1	0	0		1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	2	2		35

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
West Babylon Facility	New York	2521	UGT001	1	1	1	1
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	0	0
Ashtabula	Ohio	2835	7	1,025	1,025	1,025	1,025
Avon Lake Power Plant	Ohio	2836	10	218	218	218	218
Avon Lake Power Plant	Ohio	2836	12	1,822	1,822	1,822	1,822
Avon Lake Power Plant	Ohio	2836	CT10	1	1	1	1
Bay Shore	Ohio	2878	1	920	920	920	920
Bay Shore	Ohio	2878	2	594	594	594	594
Bay Shore	Ohio	2878	3	617	617	617	617
Bay Shore	Ohio	2878	4	970	970	970	970
Cardinal	Ohio	2828	1	2,039	2,039	2,039	2,039
Cardinal	Ohio	2828	2	2,119	2,119	2,119	2,119
Cardinal	Ohio	2828	3	2,657	2,657	2,657	2,657
Conesville	Ohio	2840	3	430	430	430	430
Conesville	Ohio	2840	4	2,517	2,517	2,517	2,517
Conesville	Ohio	2840	5	1,729	1,729	1,729	1,729
Conesville	Ohio	2840	6	1,623	1,623	1,623	1,623
Darby Electric Generating Station	Ohio	55247	CT1	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT2	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT3	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT4	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT5	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT6	3	3	3	3
Dicks Creek Station	Ohio	2831	1	1	1	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	35	35	35	35

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
West Babylon Facility	New York	2521	UGT001	33,560	14,812	30,170	4,274	12,858	26,181
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	4,159	5,946	3,438	3,320	4,906	5,004
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	7,009	3,810	1,058	6,992	2,047	5,937
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	3,110	4,747	6,064	3,608	4,231	5,014
Ashtabula	Ohio	2835	7	8,003,208	6,811,777	5,539,287	619,717	4,093,217	6,784,757
Avon Lake Power Plant	Ohio	2836	10	1,533,976	1,967,357	695,059	143,164	499,545	1,398,798
Avon Lake Power Plant	Ohio	2836	12	12,906,289	11,718,166	8,765,097	11,519,168	11,637,384	12,087,279
Avon Lake Power Plant	Ohio	2836	CT10	13,525	10,647	277	533	3,575	9,249
Bay Shore	Ohio	2878	1	5,931,761	5,594,728	5,723,754	5,794,952	6,548,618	6,091,777
Bay Shore	Ohio	2878	2	4,112,618	4,057,669	4,151,315	1,150,865	3,341,902	4,107,201
Bay Shore	Ohio	2878	3	4,476,688	4,056,237	3,929,626	2,004,090	3,853,970	4,154,184
Bay Shore	Ohio	2878	4	7,546,494	6,128,332	6,402,031	3,668,286	5,669,059	6,692,286
Cardinal	Ohio	2828	1	15,970,885	12,617,221	15,199,784	11,617,762	16,248,172	15,806,280
Cardinal	Ohio	2828	2	14,435,985	13,943,862	14,844,549	14,742,750	14,150,049	14,674,428
Cardinal	Ohio	2828	3	13,671,694	19,671,800	12,452,646	17,811,763	18,423,601	18,635,722
Conesville	Ohio	2840	3	2,265,901	2,273,928	3,664,865	2,426,256	2,824,094	2,971,738
Conesville	Ohio	2840	4	19,005,413	19,091,495	18,833,917	3,442,990	9,630,958	18,976,942
Conesville	Ohio	2840	5	10,099,946	11,973,401	14,663,312	8,988,431	8,521,593	12,245,553
Conesville	Ohio	2840	6	10,933,050	10,874,229	9,467,249	9,300,202	9,809,082	10,538,787
Darby Electric Generating Station	Ohio	55247	CT1	61,471	150,805	46,222	27,013	78,823	97,033
Darby Electric Generating Station	Ohio	55247	CT2	60,563	151,703	47,070	25,229	78,784	97,017
Darby Electric Generating Station	Ohio	55247	CT3	53,605	159,280	31,747	30,410	95,363	102,749
Darby Electric Generating Station	Ohio	55247	CT4	49,697	160,640	45,764	25,616	86,442	98,927
Darby Electric Generating Station	Ohio	55247	CT5	42,158	148,942	30,689	20,966	18,194	73,930
Darby Electric Generating Station	Ohio	55247	CT6	43,453	149,662	34,134	28,270	85,416	92,844
Dicks Creek Station	Ohio	2831	1	16,740			19,207	1,919	12,622
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	1,370,765	2,206,244	1,547,129	2,536,606	3,408,094	2,716,982

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
West Babylon Facility	New York	2521	UGT001	338,914,478	0.000077	10,037	10,037	1	1
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	616,903,319	0.000008	39,262	37,036	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	616,903,319	0.000010	39,262	37,036	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	616,903,319	0.000008	39,262	37,036	0	0
Ashtabula	Ohio	2835	7	616,903,319	0.010998	39,262	37,036	432	407
Avon Lake Power Plant	Ohio	2836	10	616,903,319	0.002267	39,262	37,036	89	84
Avon Lake Power Plant	Ohio	2836	12	616,903,319	0.019593	39,262	37,036	769	726
Avon Lake Power Plant	Ohio	2836	CT10	616,903,319	0.000015	39,262	37,036	1	1
Bay Shore	Ohio	2878	1	616,903,319	0.009875	39,262	37,036	388	366
Bay Shore	Ohio	2878	2	616,903,319	0.006658	39,262	37,036	261	247
Bay Shore	Ohio	2878	3	616,903,319	0.006734	39,262	37,036	264	249
Bay Shore	Ohio	2878	4	616,903,319	0.010848	39,262	37,036	426	402
Cardinal	Ohio	2828	1	616,903,319	0.025622	39,262	37,036	1,006	949
Cardinal	Ohio	2828	2	616,903,319	0.023787	39,262	37,036	934	881
Cardinal	Ohio	2828	3	616,903,319	0.030208	39,262	37,036	1,186	1,119
Conesville	Ohio	2840	3	616,903,319	0.004817	39,262	37,036	189	178
Conesville	Ohio	2840	4	616,903,319	0.030762	39,262	37,036	1,208	1,139
Conesville	Ohio	2840	5	616,903,319	0.019850	39,262	37,036	779	735
Conesville	Ohio	2840	6	616,903,319	0.017083	39,262	37,036	671	633
Darby Electric Generating Station	Ohio	55247	CT1	616,903,319	0.000157	39,262	37,036	6	6
Darby Electric Generating Station	Ohio	55247	CT2	616,903,319	0.000157	39,262	37,036	6	6
Darby Electric Generating Station	Ohio	55247	CT3	616,903,319	0.000167	39,262	37,036	7	6
Darby Electric Generating Station	Ohio	55247	CT4	616,903,319	0.000160	39,262	37,036	6	6
Darby Electric Generating Station	Ohio	55247	CT5	616,903,319	0.000120	39,262	37,036	5	4
Darby Electric Generating Station	Ohio	55247	CT6	616,903,319	0.000150	39,262	37,036	6	6
Dicks Creek Station	Ohio	2831	1	616,903,319	0.000020	39,262	37,036	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	616,903,319	0.004404	39,262	37,036	173	163

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
West Babylon Facility	New York	2521	UGT001	20	7	7	9	4	9
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	1	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0		0	0	0	0
Ashtabula	Ohio	2835	7	758	516	525	656	814	710
Avon Lake Power Plant	Ohio	2836	10	452	188	317	367	356	138
Avon Lake Power Plant	Ohio	2836	12	5,964	2,246	2,375	2,059	2,396	1,555
Avon Lake Power Plant	Ohio	2836	CT10	6	7	8	8	6	0
Bay Shore	Ohio	2878	1	210	173	244	276	365	353
Bay Shore	Ohio	2878	2	951	452	695	725	818	786
Bay Shore	Ohio	2878	3	831	495	587	775	805	739
Bay Shore	Ohio	2878	4	1,773	834	1,219	1,304	1,218	1,203
Cardinal	Ohio	2828	1	2,764	1,029	348	345	329	252
Cardinal	Ohio	2828	2	696	470	375	320	320	356
Cardinal	Ohio	2828	3	1,069	731	318	206	223	294
Conesville	Ohio	2840	3	823	660	649	542	591	1,038
Conesville	Ohio	2840	4	4,794	1,903	2,192	2,764	2,594	3,505
Conesville	Ohio	2840	5	431	1,540	1,324	1,414	1,870	2,300
Conesville	Ohio	2840	6	1,384	1,604	955	1,523	1,697	1,463
Darby Electric Generating Station	Ohio	55247	CT1	0	0	1	1	3	1
Darby Electric Generating Station	Ohio	55247	CT2	0	0	1	1	2	1
Darby Electric Generating Station	Ohio	55247	CT3	0	0	1	1	2	0
Darby Electric Generating Station	Ohio	55247	CT4	0	0	1	1	2	1
Darby Electric Generating Station	Ohio	55247	CT5	0	0	1	1	3	1
Darby Electric Generating Station	Ohio	55247	CT6	0	0	1	1	2	1
Dicks Creek Station	Ohio	2831	1		1	1	2		
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	10	10	12	13	19	11

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
West Babylon Facility	New York	2521	UGT001	1	4	20			
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	1			
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0			
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	0			
Ashtabula	Ohio	2835	7	96	393	814			
Avon Lake Power Plant	Ohio	2836	10	25	87	452			
Avon Lake Power Plant	Ohio	2836	12	1,836	2,259	5,964			
Avon Lake Power Plant	Ohio	2836	CT10	0	2	8			
Bay Shore	Ohio	2878	1	319	393	393			
Bay Shore	Ohio	2878	2	245	716	951			
Bay Shore	Ohio	2878	3	313	812	831			
Bay Shore	Ohio	2878	4	570	1,187	1,773			
Cardinal	Ohio	2828	1	177	321	2,764			
Cardinal	Ohio	2828	2	298	354	696			
Cardinal	Ohio	2828	3	368	397	1,069			
Conesville	Ohio	2840	3	530	624	1,038			
Conesville	Ohio	2840	4	564	203	4,794			
Conesville	Ohio	2840	5	1,345	1,300	2,300			
Conesville	Ohio	2840	6	1,389	1,483	1,697			
Darby Electric Generating Station	Ohio	55247	CT1	0	1	3			
Darby Electric Generating Station	Ohio	55247	CT2	0	1	2			
Darby Electric Generating Station	Ohio	55247	CT3	0	1	2			
Darby Electric Generating Station	Ohio	55247	CT4	0	1	2			
Darby Electric Generating Station	Ohio	55247	CT5	0	0	3			
Darby Electric Generating Station	Ohio	55247	CT6	1	1	2			
Dicks Creek Station	Ohio	2831	1	2	0	2			
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	8	18	19			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
West Babylon Facility	New York	2521	UGT001				1	1
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1					0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1					0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1					0
Ashtabula	Ohio	2835	7					462
Avon Lake Power Plant	Ohio	2836	10					95
Avon Lake Power Plant	Ohio	2836	12					823
Avon Lake Power Plant	Ohio	2836	CT10					1
Bay Shore	Ohio	2878	1					393
Bay Shore	Ohio	2878	2					280
Bay Shore	Ohio	2878	3					283
Bay Shore	Ohio	2878	4					456
Cardinal	Ohio	2828	1					1,076
Cardinal	Ohio	2828	2					696
Cardinal	Ohio	2828	3					1,069
Conesville	Ohio	2840	3					202
Conesville	Ohio	2840	4					1,292
Conesville	Ohio	2840	5					834
Conesville	Ohio	2840	6					718
Darby Electric Generating Station	Ohio	55247	CT1					3
Darby Electric Generating Station	Ohio	55247	CT2					2
Darby Electric Generating Station	Ohio	55247	CT3					2
Darby Electric Generating Station	Ohio	55247	CT4					2
Darby Electric Generating Station	Ohio	55247	CT5					3
Darby Electric Generating Station	Ohio	55247	CT6					2
Dicks Creek Station	Ohio	2831	1					1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1					19

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
West Babylon Facility	New York	2521	UGT001	1	1	1	1	Y
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	0	0	Y
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0	0	Y
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	0	0	Y
Ashtabula	Ohio	2835	7	432	432	432	432	Y
Avon Lake Power Plant	Ohio	2836	10	89	89	89	89	Y
Avon Lake Power Plant	Ohio	2836	12	769	769	769	769	Y
Avon Lake Power Plant	Ohio	2836	CT10	1	1	1	1	Y
Bay Shore	Ohio	2878	1	388	388	388	388	Y
Bay Shore	Ohio	2878	2	261	261	261	261	Y
Bay Shore	Ohio	2878	3	264	264	264	264	Y
Bay Shore	Ohio	2878	4	426	426	426	426	Y
Cardinal	Ohio	2828	1	1,006	1,006	1,006	1,006	Y
Cardinal	Ohio	2828	2	696	696	696	696	Y
Cardinal	Ohio	2828	3	1,069	1,069	1,069	1,069	Y
Conesville	Ohio	2840	3	189	189	189	189	Y
Conesville	Ohio	2840	4	1,208	1,208	1,208	1,208	Y
Conesville	Ohio	2840	5	779	779	779	779	Y
Conesville	Ohio	2840	6	671	671	671	671	Y
Darby Electric Generating Station	Ohio	55247	CT1	3	3	3	3	Y
Darby Electric Generating Station	Ohio	55247	CT2	2	2	2	2	Y
Darby Electric Generating Station	Ohio	55247	CT3	2	2	2	2	Y
Darby Electric Generating Station	Ohio	55247	CT4	2	2	2	2	Y
Darby Electric Generating Station	Ohio	55247	CT5	3	3	3	3	Y
Darby Electric Generating Station	Ohio	55247	CT6	2	2	2	2	Y
Dicks Creek Station	Ohio	2831	1	1	1	1	1	Y
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	19	19	19	19	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
West Babylon Facility	New York	2521	UGT001	Y		Y		
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	Y		Y		
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	Y		Y		
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	Y		Y		
Ashtabula	Ohio	2835	7	Y		Y		
Avon Lake Power Plant	Ohio	2836	10	Y		Y		
Avon Lake Power Plant	Ohio	2836	12	Y		Y		
Avon Lake Power Plant	Ohio	2836	CT10	Y		Y		
Bay Shore	Ohio	2878	1	Y		Y		
Bay Shore	Ohio	2878	2	Y		Y		
Bay Shore	Ohio	2878	3	Y		Y		
Bay Shore	Ohio	2878	4	Y		Y		
Cardinal	Ohio	2828	1	Y		Y		
Cardinal	Ohio	2828	2	Y		Y		
Cardinal	Ohio	2828	3	Y		Y		
Conesville	Ohio	2840	3	Y		Y		
Conesville	Ohio	2840	4	Y		Y		
Conesville	Ohio	2840	5	Y		Y		
Conesville	Ohio	2840	6	Y		Y		
Darby Electric Generating Station	Ohio	55247	CT1	Y		Y		
Darby Electric Generating Station	Ohio	55247	CT2	Y		Y		
Darby Electric Generating Station	Ohio	55247	CT3	Y		Y		
Darby Electric Generating Station	Ohio	55247	CT4	Y		Y		
Darby Electric Generating Station	Ohio	55247	CT5	Y		Y		
Darby Electric Generating Station	Ohio	55247	CT6	Y		Y		
Dicks Creek Station	Ohio	2831	1	Y		Y		
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	9080	1,839,064	3,583,019	3,055,214	4,584,381	7,176,409
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	9081	2,039,300	3,104,039	2,593,908	4,858,933	6,228,896
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	9082	1,861,861	2,732,579	2,311,930	4,737,733	5,654,051
Duke Energy Washington, II LLC	Ohio	55397	CT1	9212	1,567,759	2,712,728	1,210,803	4,279,532	6,456,461
Duke Energy Washington, II LLC	Ohio	55397	CT2	9213	1,426,863	2,614,535	1,368,370	4,690,723	6,664,085
Eastlake	Ohio	2837	1	1908	6,610,984	8,124,743	7,917,467	6,738,459	8,013,469
Eastlake	Ohio	2837	2	1909	9,582,228	8,785,640	7,885,379	3,565,648	5,870,087
Eastlake	Ohio	2837	3	1910	8,606,980	8,834,903	8,011,268	3,381,556	5,243,229
Eastlake	Ohio	2837	4	1911	17,644,289	16,831,958	14,865,439	8,481,018	10,644,754
Eastlake	Ohio	2837	5	1912	42,648,146	34,014,903	35,179,791	27,935,909	31,735,224
Eastlake	Ohio	2837	6	10209	22,560	16,800	10,560	11,520	20,640
Frank M Tait Station	Ohio	2847	1	1928	34,452	90,365	38,671	33,082	104,736
Frank M Tait Station	Ohio	2847	2	1929	41,829	82,246	37,192	31,079	101,161
Frank M Tait Station	Ohio	2847	3	1930	28,503	95,097	45,853	45,201	197,603
Gen J M Gavin	Ohio	8102	1	3461	71,980,848	98,890,952	95,412,565	94,717,585	83,833,990
Gen J M Gavin	Ohio	8102	2	3462	93,686,331	87,674,959	93,634,715	97,185,090	92,075,701
Greenville Electric Gen Station	Ohio	55228	G1CT1	4212	61,311	69,432	30,429	25,832	73,603
Greenville Electric Gen Station	Ohio	55228	G1CT2	4213	49,259	64,889	24,625	26,716	75,024
Greenville Electric Gen Station	Ohio	55228	G2CT1	4214	62,179	69,779	32,278	24,853	74,094
Greenville Electric Gen Station	Ohio	55228	G2CT2	4215	66,077	75,094	34,082	24,042	72,032
Greenville Electric Gen Station	Ohio	55228	G3CT1	4216	71,094	75,590	35,140	25,726	78,012
Greenville Electric Gen Station	Ohio	55228	G3CT2	4217	69,772	74,716	33,073	25,515	77,065
Greenville Electric Gen Station	Ohio	55228	G4CT1	4218	62,509	70,642	31,498	24,866	75,421
Greenville Electric Gen Station	Ohio	55228	G4CT2	4219	67,750	74,779	840	29,096	78,069
Hamilton Municipal Power Plant	Ohio	2917	9	1994	3,410,328	3,831,634	3,199,890	1,834,428	1,419,554
J M Stuart	Ohio	2850	1	1937	30,646,464	37,624,045	38,355,774	39,282,807	32,473,531
J M Stuart	Ohio	2850	2	1938	34,601,223	29,306,806	38,348,746	38,149,758	41,308,583

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	5,114,603	1,419,359,736	0.003603	304,025	134,335
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	4,730,623	1,419,359,736	0.003333	304,025	134,335
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	4,374,788	1,419,359,736	0.003082	304,025	134,335
Duke Energy Washington, II LLC	Ohio	55397	CT1	4,482,907	1,419,359,736	0.003158	304,025	134,335
Duke Energy Washington, II LLC	Ohio	55397	CT2	4,656,448	1,419,359,736	0.003281	304,025	134,335
Eastlake	Ohio	2837	1	8,018,560	1,419,359,736	0.005649	304,025	134,335
Eastlake	Ohio	2837	2	8,751,082	1,419,359,736	0.006166	304,025	134,335
Eastlake	Ohio	2837	3	8,484,384	1,419,359,736	0.005978	304,025	134,335
Eastlake	Ohio	2837	4	16,447,229	1,419,359,736	0.011588	304,025	134,335
Eastlake	Ohio	2837	5	37,280,947	1,419,359,736	0.026266	304,025	134,335
Eastlake	Ohio	2837	6	20,000	1,419,359,736	0.000014	304,025	134,335
Frank M Tait Station	Ohio	2847	1	77,924	1,419,359,736	0.000055	304,025	134,335
Frank M Tait Station	Ohio	2847	2	75,078	1,419,359,736	0.000053	304,025	134,335
Frank M Tait Station	Ohio	2847	3	112,851	1,419,359,736	0.000080	304,025	134,335
Gen J M Gavin	Ohio	8102	1	96,340,367	1,419,359,736	0.067876	304,025	134,335
Gen J M Gavin	Ohio	8102	2	94,835,379	1,419,359,736	0.066816	304,025	134,335
Greenville Electric Gen Station	Ohio	55228	G1CT1	68,115	1,419,359,736	0.000048	304,025	134,335
Greenville Electric Gen Station	Ohio	55228	G1CT2	63,057	1,419,359,736	0.000044	304,025	134,335
Greenville Electric Gen Station	Ohio	55228	G2CT1	68,684	1,419,359,736	0.000048	304,025	134,335
Greenville Electric Gen Station	Ohio	55228	G2CT2	71,068	1,419,359,736	0.000050	304,025	134,335
Greenville Electric Gen Station	Ohio	55228	G3CT1	74,899	1,419,359,736	0.000053	304,025	134,335
Greenville Electric Gen Station	Ohio	55228	G3CT2	73,851	1,419,359,736	0.000052	304,025	134,335
Greenville Electric Gen Station	Ohio	55228	G4CT1	69,524	1,419,359,736	0.000049	304,025	134,335
Greenville Electric Gen Station	Ohio	55228	G4CT2	73,533	1,419,359,736	0.000052	304,025	134,335
Hamilton Municipal Power Plant	Ohio	2917	9	3,480,617	1,419,359,736	0.002452	304,025	134,335
J M Stuart	Ohio	2850	1	38,420,875	1,419,359,736	0.027069	304,025	134,335
J M Stuart	Ohio	2850	2	39,269,029	1,419,359,736	0.027667	304,025	134,335

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	90,849	85,743	1,096	484	327	309
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	90,849	85,743	1,013	448	303	286
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	90,849	85,743	937	414	280	264
Duke Energy Washington, II LLC	Ohio	55397	CT1	90,849	85,743	960	424	287	271
Duke Energy Washington, II LLC	Ohio	55397	CT2	90,849	85,743	997	441	298	281
Eastlake	Ohio	2837	1	90,849	85,743	1,718	759	513	484
Eastlake	Ohio	2837	2	90,849	85,743	1,874	828	560	529
Eastlake	Ohio	2837	3	90,849	85,743	1,817	803	543	513
Eastlake	Ohio	2837	4	90,849	85,743	3,523	1,557	1,053	994
Eastlake	Ohio	2837	5	90,849	85,743	7,986	3,528	2,386	2,252
Eastlake	Ohio	2837	6	90,849	85,743	4	2	1	1
Frank M Tait Station	Ohio	2847	1	90,849	85,743	17	7	5	5
Frank M Tait Station	Ohio	2847	2	90,849	85,743	16	7	5	5
Frank M Tait Station	Ohio	2847	3	90,849	85,743	24	11	7	7
Gen J M Gavin	Ohio	8102	1	90,849	85,743	20,636	9,118	6,166	5,820
Gen J M Gavin	Ohio	8102	2	90,849	85,743	20,314	8,976	6,070	5,729
Greenville Electric Gen Station	Ohio	55228	G1CT1	90,849	85,743	15	6	4	4
Greenville Electric Gen Station	Ohio	55228	G1CT2	90,849	85,743	14	6	4	4
Greenville Electric Gen Station	Ohio	55228	G2CT1	90,849	85,743	15	7	4	4
Greenville Electric Gen Station	Ohio	55228	G2CT2	90,849	85,743	15	7	5	4
Greenville Electric Gen Station	Ohio	55228	G3CT1	90,849	85,743	16	7	5	5
Greenville Electric Gen Station	Ohio	55228	G3CT2	90,849	85,743	16	7	5	4
Greenville Electric Gen Station	Ohio	55228	G4CT1	90,849	85,743	15	7	4	4
Greenville Electric Gen Station	Ohio	55228	G4CT2	90,849	85,743	16	7	5	4
Hamilton Municipal Power Plant	Ohio	2917	9	90,849	85,743	746	329	223	210
J M Stuart	Ohio	2850	1	90,849	85,743	8,230	3,636	2,459	2,321
J M Stuart	Ohio	2850	2	90,849	85,743	8,411	3,717	2,513	2,372

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	0	0	0	1	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	0	0	0	1	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	0	0	1	1	1	1
Duke Energy Washington, II LLC	Ohio	55397	CT1	0	0	0	0	1	0
Duke Energy Washington, II LLC	Ohio	55397	CT2	1	0	0	0	1	0
Eastlake	Ohio	2837	1	4,619	4,615	6,624	6,689	5,032	3,434
Eastlake	Ohio	2837	2	5,263	4,422	4,424	9,360	5,080	3,243
Eastlake	Ohio	2837	3	5,017	4,541	6,045	8,890	5,339	3,205
Eastlake	Ohio	2837	4	9,220	6,549	8,409	9,135	8,946	5,292
Eastlake	Ohio	2837	5	43,566	43,711	49,293	48,632	37,057	35,711
Eastlake	Ohio	2837	6						
Frank M Tait Station	Ohio	2847	1	0	0	0	0	0	0
Frank M Tait Station	Ohio	2847	2	0	0	0	0	0	0
Frank M Tait Station	Ohio	2847	3	0	0	0	0	0	0
Gen J M Gavin	Ohio	8102	1	15,536	16,439	12,968	10,403	15,644	14,760
Gen J M Gavin	Ohio	8102	2	21,024	17,277	14,998	14,384	13,520	15,181
Greenville Electric Gen Station	Ohio	55228	G1CT1	0	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G1CT2	0	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G2CT1	0	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G2CT2	0	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G3CT1	0	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G3CT2	0	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G4CT1	0	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G4CT2	0	0	0	0	0	
Hamilton Municipal Power Plant	Ohio	2917	9	1,559	1,071	1,252	1,433	1,565	1,370
J M Stuart	Ohio	2850	1	29,430	29,537	24,542	23,182	28,032	9,612
J M Stuart	Ohio	2850	2	31,477	30,215	27,811	27,207	22,719	11,657

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	1	2	2			
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	1	2	2			
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	1	2	2			
Duke Energy Washington, II LLC	Ohio	55397	CT1	1	2	2			
Duke Energy Washington, II LLC	Ohio	55397	CT2	1	2	2			
Eastlake	Ohio	2837	1	6,135	4,755	6,689			
Eastlake	Ohio	2837	2	3,634	3,959	9,360			
Eastlake	Ohio	2837	3	2,964	3,711	8,890			
Eastlake	Ohio	2837	4	8,001	4,111	9,220			
Eastlake	Ohio	2837	5	28,128	31,527	49,293			
Eastlake	Ohio	2837	6	3	5	5			
Frank M Tait Station	Ohio	2847	1	0	0	0			
Frank M Tait Station	Ohio	2847	2	0	0	0			
Frank M Tait Station	Ohio	2847	3	0	0	0			
Gen J M Gavin	Ohio	8102	1	13,781	11,990	16,439			
Gen J M Gavin	Ohio	8102	2	12,484	13,339	21,024			
Greenville Electric Gen Station	Ohio	55228	G1CT1	0	0	0			
Greenville Electric Gen Station	Ohio	55228	G1CT2	0	0	0			
Greenville Electric Gen Station	Ohio	55228	G2CT1	0	0	0			
Greenville Electric Gen Station	Ohio	55228	G2CT2	0	0	0			
Greenville Electric Gen Station	Ohio	55228	G3CT1	0	0	0			
Greenville Electric Gen Station	Ohio	55228	G3CT2	0	0	0			
Greenville Electric Gen Station	Ohio	55228	G4CT1	0	0	0			
Greenville Electric Gen Station	Ohio	55228	G4CT2	0	0	0			
Hamilton Municipal Power Plant	Ohio	2917	9	786	616	1,565			
J M Stuart	Ohio	2850	1	12,423	2,871	29,537			
J M Stuart	Ohio	2850	2	14,720	3,389	31,477			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2				8	12	10
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3				10	13	19
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4				7	10	19
Duke Energy Washington, II LLC	Ohio	55397	CT1				12	9	9
Duke Energy Washington, II LLC	Ohio	55397	CT2				13	9	9
Eastlake	Ohio	2837	1				1,222	1,048	1,129
Eastlake	Ohio	2837	2				897	798	860
Eastlake	Ohio	2837	3				794	763	898
Eastlake	Ohio	2837	4				1,619	1,315	1,924
Eastlake	Ohio	2837	5				15,519	5,147	7,385
Eastlake	Ohio	2837	6				27	3	15
Frank M Tait Station	Ohio	2847	1				1	0	2
Frank M Tait Station	Ohio	2847	2				2	0	2
Frank M Tait Station	Ohio	2847	3				1	0	1
Gen J M Gavin	Ohio	8102	1				22,929	20,925	18,375
Gen J M Gavin	Ohio	8102	2				21,184	19,707	20,330
Greenville Electric Gen Station	Ohio	55228	G1CT1				3	3	3
Greenville Electric Gen Station	Ohio	55228	G1CT2				3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT1				3	2	3
Greenville Electric Gen Station	Ohio	55228	G2CT2				3	2	3
Greenville Electric Gen Station	Ohio	55228	G3CT1				3	2	3
Greenville Electric Gen Station	Ohio	55228	G3CT2				3	2	3
Greenville Electric Gen Station	Ohio	55228	G4CT1				2	2	3
Greenville Electric Gen Station	Ohio	55228	G4CT2				2	2	3
Hamilton Municipal Power Plant	Ohio	2917	9				535	423	442
J M Stuart	Ohio	2850	1				12,270	6,261	4,620
J M Stuart	Ohio	2850	2				13,123	8,428	6,520

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	20	32	30	20	33	33
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	24	31	25	24	28	31
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	19	25	18	22	26	26
Duke Energy Washington, II LLC	Ohio	55397	CT1	16	24	8	20	27	27
Duke Energy Washington, II LLC	Ohio	55397	CT2	14	24	15	29	37	37
Eastlake	Ohio	2837	1	893	915	856	864	1,057	1,222
Eastlake	Ohio	2837	2	1,272	930	824	496	658	1,272
Eastlake	Ohio	2837	3	1,206	1,007	874	422	624	1,206
Eastlake	Ohio	2837	4	1,917	1,692	1,489	1,286	1,300	1,924
Eastlake	Ohio	2837	5	7,429	4,878	5,298	4,012	4,434	15,519
Eastlake	Ohio	2837	6	14	10	6	7	12	27
Frank M Tait Station	Ohio	2847	1	1	5	2	2	5	5
Frank M Tait Station	Ohio	2847	2	3	5	3	2	5	5
Frank M Tait Station	Ohio	2847	3	1	4	2	2	5	5
Gen J M Gavin	Ohio	8102	1	13,364	22,347	22,054	3,421	3,102	22,929
Gen J M Gavin	Ohio	8102	2	20,593	11,153	21,146	3,483	3,618	21,184
Greenville Electric Gen Station	Ohio	55228	G1CT1	3	3	1	1	3	3
Greenville Electric Gen Station	Ohio	55228	G1CT2	2	3	1	1	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT1	3	3	1	1	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT2	3	3	2	1	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT1	3	3	2	1	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT2	3	3	1	1	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT1	3	3	1	1	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT2	3	3	0	1	3	3
Hamilton Municipal Power Plant	Ohio	2917	9	564	664	488	264	196	664
J M Stuart	Ohio	2850	1	5,307	6,913	5,878	1,831	1,600	12,270
J M Stuart	Ohio	2850	2	7,739	4,984	5,681	1,871	2,273	13,123

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2						
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3						
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4						
Duke Energy Washington, II LLC	Ohio	55397	CT1						
Duke Energy Washington, II LLC	Ohio	55397	CT2						
Eastlake	Ohio	2837	1						
Eastlake	Ohio	2837	2						
Eastlake	Ohio	2837	3						
Eastlake	Ohio	2837	4						
Eastlake	Ohio	2837	5						
Eastlake	Ohio	2837	6						
Frank M Tait Station	Ohio	2847	1						
Frank M Tait Station	Ohio	2847	2						
Frank M Tait Station	Ohio	2847	3						
Gen J M Gavin	Ohio	8102	1						
Gen J M Gavin	Ohio	8102	2						
Greenville Electric Gen Station	Ohio	55228	G1CT1						
Greenville Electric Gen Station	Ohio	55228	G1CT2						
Greenville Electric Gen Station	Ohio	55228	G2CT1						
Greenville Electric Gen Station	Ohio	55228	G2CT2						
Greenville Electric Gen Station	Ohio	55228	G3CT1						
Greenville Electric Gen Station	Ohio	55228	G3CT2						
Greenville Electric Gen Station	Ohio	55228	G4CT1						
Greenville Electric Gen Station	Ohio	55228	G4CT2						
Hamilton Municipal Power Plant	Ohio	2917	9						
J M Stuart	Ohio	2850	1						
J M Stuart	Ohio	2850	2						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2		2	2	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3		2	2	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4		2	2	2
Duke Energy Washington, II LLC	Ohio	55397	CT1		2	2	2
Duke Energy Washington, II LLC	Ohio	55397	CT2		2	2	2
Eastlake	Ohio	2837	1		1,834	793	793
Eastlake	Ohio	2837	2		2,002	866	866
Eastlake	Ohio	2837	3		1,941	839	839
Eastlake	Ohio	2837	4		3,762	1,627	1,627
Eastlake	Ohio	2837	5		8,528	3,687	3,687
Eastlake	Ohio	2837	6		5	2	2
Frank M Tait Station	Ohio	2847	1		0	0	0
Frank M Tait Station	Ohio	2847	2		0	0	0
Frank M Tait Station	Ohio	2847	3		0	0	0
Gen J M Gavin	Ohio	8102	1		16,439	9,529	9,529
Gen J M Gavin	Ohio	8102	2		21,024	9,380	9,380
Greenville Electric Gen Station	Ohio	55228	G1CT1		0	0	0
Greenville Electric Gen Station	Ohio	55228	G1CT2		0	0	0
Greenville Electric Gen Station	Ohio	55228	G2CT1		0	0	0
Greenville Electric Gen Station	Ohio	55228	G2CT2		0	0	0
Greenville Electric Gen Station	Ohio	55228	G3CT1		0	0	0
Greenville Electric Gen Station	Ohio	55228	G3CT2		0	0	0
Greenville Electric Gen Station	Ohio	55228	G4CT1		0	0	0
Greenville Electric Gen Station	Ohio	55228	G4CT2		0	0	0
Hamilton Municipal Power Plant	Ohio	2917	9		796	344	344
J M Stuart	Ohio	2850	1		8,789	3,800	3,800
J M Stuart	Ohio	2850	2		8,983	3,884	3,884

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	2	2		33
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	2	2		31
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	2	2		26
Duke Energy Washington, II LLC	Ohio	55397	CT1	2	2		27
Duke Energy Washington, II LLC	Ohio	55397	CT2	2	2		37
Eastlake	Ohio	2837	1	793	793		532
Eastlake	Ohio	2837	2	866	866		581
Eastlake	Ohio	2837	3	839	839		563
Eastlake	Ohio	2837	4	1,627	1,627		1,091
Eastlake	Ohio	2837	5	3,687	3,687		2,473
Eastlake	Ohio	2837	6	2	2		1
Frank M Tait Station	Ohio	2847	1	0	0		5
Frank M Tait Station	Ohio	2847	2	0	0		5
Frank M Tait Station	Ohio	2847	3	0	0		5
Gen J M Gavin	Ohio	8102	1	9,529	9,529		6,392
Gen J M Gavin	Ohio	8102	2	9,380	9,380		6,292
Greenville Electric Gen Station	Ohio	55228	G1CT1	0	0		3
Greenville Electric Gen Station	Ohio	55228	G1CT2	0	0		3
Greenville Electric Gen Station	Ohio	55228	G2CT1	0	0		3
Greenville Electric Gen Station	Ohio	55228	G2CT2	0	0		3
Greenville Electric Gen Station	Ohio	55228	G3CT1	0	0		3
Greenville Electric Gen Station	Ohio	55228	G3CT2	0	0		3
Greenville Electric Gen Station	Ohio	55228	G4CT1	0	0		3
Greenville Electric Gen Station	Ohio	55228	G4CT2	0	0		3
Hamilton Municipal Power Plant	Ohio	2917	9	344	344		231
J M Stuart	Ohio	2850	1	3,800	3,800		2,549
J M Stuart	Ohio	2850	2	3,884	3,884		2,605

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	33	33	33	33
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	31	31	31	31
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	26	26	26	26
Duke Energy Washington, II LLC	Ohio	55397	CT1	27	27	27	27
Duke Energy Washington, II LLC	Ohio	55397	CT2	37	37	37	37
Eastlake	Ohio	2837	1	502	502	502	502
Eastlake	Ohio	2837	2	548	548	548	548
Eastlake	Ohio	2837	3	531	531	531	531
Eastlake	Ohio	2837	4	1,029	1,029	1,029	1,029
Eastlake	Ohio	2837	5	2,333	2,333	2,333	2,333
Eastlake	Ohio	2837	6	1	1	1	1
Frank M Tait Station	Ohio	2847	1	5	5	5	5
Frank M Tait Station	Ohio	2847	2	5	5	5	5
Frank M Tait Station	Ohio	2847	3	5	5	5	5
Gen J M Gavin	Ohio	8102	1	6,030	6,030	6,030	6,030
Gen J M Gavin	Ohio	8102	2	5,936	5,936	5,936	5,936
Greenville Electric Gen Station	Ohio	55228	G1CT1	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G1CT2	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT1	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT2	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT1	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT2	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT1	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT2	3	3	3	3
Hamilton Municipal Power Plant	Ohio	2917	9	218	218	218	218
J M Stuart	Ohio	2850	1	2,405	2,405	2,405	2,405
J M Stuart	Ohio	2850	2	2,458	2,458	2,458	2,458

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	1,333,112	2,162,977	1,624,567	2,437,420	3,417,231	2,672,543
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	1,453,352	1,980,905	1,517,732	2,563,346	3,342,243	2,628,831
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	1,370,105	1,815,801	1,355,655	2,705,616	3,191,257	2,570,891
Duke Energy Washington, II LLC	Ohio	55397	CT1	1,123,181	1,791,189	869,122	2,662,927	3,107,313	2,520,477
Duke Energy Washington, II LLC	Ohio	55397	CT2	1,124,630	1,769,687	1,000,309	2,859,157	3,241,175	2,623,339
Eastlake	Ohio	2837	1	3,634,301	2,850,118	3,416,692	2,549,292	3,380,311	3,477,101
Eastlake	Ohio	2837	2	3,828,287	3,450,028	3,368,052	1,232,870	2,806,401	3,548,789
Eastlake	Ohio	2837	3	3,470,611	3,662,200	3,252,071	1,367,722	2,592,161	3,461,628
Eastlake	Ohio	2837	4	7,430,912	6,457,056	6,465,020	2,210,131	5,079,199	6,784,329
Eastlake	Ohio	2837	5	18,412,757	17,631,519	16,057,254	14,188,811	15,549,502	17,367,177
Eastlake	Ohio	2837	6	22,560	16,800	3,840	5,760	13,920	17,760
Frank M Tait Station	Ohio	2847	1	33,902	80,182	28,719	13,727	83,178	65,754
Frank M Tait Station	Ohio	2847	2	41,609	78,126	24,629	13,790	87,927	69,221
Frank M Tait Station	Ohio	2847	3	28,383	86,057	32,066	11,272	122,891	80,338
Gen J M Gavin	Ohio	8102	1	38,879,431	39,661,483	38,123,296	32,870,983	33,477,766	38,888,070
Gen J M Gavin	Ohio	8102	2	33,309,117	44,255,948	40,332,858	45,848,516	37,617,231	43,479,107
Greenville Electric Gen Station	Ohio	55228	G1CT1	45,954	54,714	28,384	17,699	60,885	53,851
Greenville Electric Gen Station	Ohio	55228	G1CT2	45,981	53,940	22,668	18,091	61,866	53,929
Greenville Electric Gen Station	Ohio	55228	G2CT1	41,256	53,268	30,224	16,924	64,955	53,160
Greenville Electric Gen Station	Ohio	55228	G2CT2	43,841	58,364	32,152	16,889	62,127	54,777
Greenville Electric Gen Station	Ohio	55228	G3CT1	47,754	59,061	33,332	17,521	65,455	57,423
Greenville Electric Gen Station	Ohio	55228	G3CT2	46,657	58,512	31,552	17,165	64,627	56,599
Greenville Electric Gen Station	Ohio	55228	G4CT1	42,661	55,629	29,051	16,898	63,926	54,072
Greenville Electric Gen Station	Ohio	55228	G4CT2	45,614	58,566		20,438	66,209	56,796
Hamilton Municipal Power Plant	Ohio	2917	9	1,258,689	1,797,497	1,698,851	1,371,010	1,419,319	1,638,556
J M Stuart	Ohio	2850	1	13,877,754	16,466,719	18,326,792	14,970,479	16,897,124	17,230,212
J M Stuart	Ohio	2850	2	13,895,723	13,275,553	17,445,098	14,179,298	16,440,815	16,021,737

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	616,903,319	0.004332	39,262	37,036	170	160
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	616,903,319	0.004261	39,262	37,036	167	158
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	616,903,319	0.004167	39,262	37,036	164	154
Duke Energy Washington, II LLC	Ohio	55397	CT1	616,903,319	0.004086	39,262	37,036	160	151
Duke Energy Washington, II LLC	Ohio	55397	CT2	616,903,319	0.004252	39,262	37,036	167	157
Eastlake	Ohio	2837	1	616,903,319	0.005636	39,262	37,036	221	209
Eastlake	Ohio	2837	2	616,903,319	0.005753	39,262	37,036	226	213
Eastlake	Ohio	2837	3	616,903,319	0.005611	39,262	37,036	220	208
Eastlake	Ohio	2837	4	616,903,319	0.010997	39,262	37,036	432	407
Eastlake	Ohio	2837	5	616,903,319	0.028152	39,262	37,036	1,105	1,043
Eastlake	Ohio	2837	6	616,903,319	0.000029	39,262	37,036	1	1
Frank M Tait Station	Ohio	2847	1	616,903,319	0.000107	39,262	37,036	4	4
Frank M Tait Station	Ohio	2847	2	616,903,319	0.000112	39,262	37,036	4	4
Frank M Tait Station	Ohio	2847	3	616,903,319	0.000130	39,262	37,036	5	5
Gen J M Gavin	Ohio	8102	1	616,903,319	0.063038	39,262	37,036	2,475	2,335
Gen J M Gavin	Ohio	8102	2	616,903,319	0.070480	39,262	37,036	2,767	2,610
Greenville Electric Gen Station	Ohio	55228	G1CT1	616,903,319	0.000087	39,262	37,036	3	3
Greenville Electric Gen Station	Ohio	55228	G1CT2	616,903,319	0.000087	39,262	37,036	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT1	616,903,319	0.000086	39,262	37,036	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT2	616,903,319	0.000089	39,262	37,036	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT1	616,903,319	0.000093	39,262	37,036	4	3
Greenville Electric Gen Station	Ohio	55228	G3CT2	616,903,319	0.000092	39,262	37,036	4	3
Greenville Electric Gen Station	Ohio	55228	G4CT1	616,903,319	0.000088	39,262	37,036	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT2	616,903,319	0.000092	39,262	37,036	4	3
Hamilton Municipal Power Plant	Ohio	2917	9	616,903,319	0.002656	39,262	37,036	104	98
J M Stuart	Ohio	2850	1	616,903,319	0.027930	39,262	37,036	1,097	1,034
J M Stuart	Ohio	2850	2	616,903,319	0.025971	39,262	37,036	1,020	962

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	8	9	7	13	16	13
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	10	11	12	16	17	12
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	6	8	14	13	14	9
Duke Energy Washington, II LLC	Ohio	55397	CT1	7	7	7	10	13	5
Duke Energy Washington, II LLC	Ohio	55397	CT2	7	6	7	11	14	10
Eastlake	Ohio	2837	1	556	390	450	469	349	377
Eastlake	Ohio	2837	2	344	298	359	476	401	366
Eastlake	Ohio	2837	3	314	279	339	391	410	354
Eastlake	Ohio	2837	4	593	443	728	745	643	657
Eastlake	Ohio	2837	5	6,056	2,434	2,957	3,001	2,500	2,493
Eastlake	Ohio	2837	6	27	3	15	14	10	2
Frank M Tait Station	Ohio	2847	1	0	0	1	1	5	2
Frank M Tait Station	Ohio	2847	2	0	0	1	3	4	2
Frank M Tait Station	Ohio	2847	3	0	0	0	1	3	2
Gen J M Gavin	Ohio	8102	1	9,627	2,255	1,132	1,292	1,331	1,478
Gen J M Gavin	Ohio	8102	2	1,588	2,594	1,127	1,024	1,528	1,441
Greenville Electric Gen Station	Ohio	55228	G1CT1	2	2	3	2	2	1
Greenville Electric Gen Station	Ohio	55228	G1CT2	3	2	3	2	3	1
Greenville Electric Gen Station	Ohio	55228	G2CT1	2	1	3	2	2	1
Greenville Electric Gen Station	Ohio	55228	G2CT2	2	2	3	2	3	1
Greenville Electric Gen Station	Ohio	55228	G3CT1	2	2	3	2	3	1
Greenville Electric Gen Station	Ohio	55228	G3CT2	2	2	2	2	2	1
Greenville Electric Gen Station	Ohio	55228	G4CT1	2	2	3	2	2	1
Greenville Electric Gen Station	Ohio	55228	G4CT2	2	2	3	2	3	
Hamilton Municipal Power Plant	Ohio	2917	9	253	180	213	211	301	236
J M Stuart	Ohio	2850	1	5,343	1,076	720	775	826	1,083
J M Stuart	Ohio	2850	2	6,193	1,809	809	898	778	1,092

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	10	16	16			
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	11	15	17			
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	11	15	15			
Duke Energy Washington, II LLC	Ohio	55397	CT1	13	13	13			
Duke Energy Washington, II LLC	Ohio	55397	CT2	17	20	20			
Eastlake	Ohio	2837	1	314	446	556			
Eastlake	Ohio	2837	2	158	298	476			
Eastlake	Ohio	2837	3	156	305	410			
Eastlake	Ohio	2837	4	324	549	745			
Eastlake	Ohio	2837	5	2,023	2,136	6,056			
Eastlake	Ohio	2837	6	3	8	27			
Frank M Tait Station	Ohio	2847	1	1	4	5			
Frank M Tait Station	Ohio	2847	2	1	4	4			
Frank M Tait Station	Ohio	2847	3	0	3	3			
Gen J M Gavin	Ohio	8102	1	1,129	1,243	9,627			
Gen J M Gavin	Ohio	8102	2	1,566	1,461	2,594			
Greenville Electric Gen Station	Ohio	55228	G1CT1	1	3	3			
Greenville Electric Gen Station	Ohio	55228	G1CT2	1	3	3			
Greenville Electric Gen Station	Ohio	55228	G2CT1	1	3	3			
Greenville Electric Gen Station	Ohio	55228	G2CT2	1	3	3			
Greenville Electric Gen Station	Ohio	55228	G3CT1	1	3	3			
Greenville Electric Gen Station	Ohio	55228	G3CT2	1	3	3			
Greenville Electric Gen Station	Ohio	55228	G4CT1	1	3	3			
Greenville Electric Gen Station	Ohio	55228	G4CT2	1	3	3			
Hamilton Municipal Power Plant	Ohio	2917	9	198	196	301			
J M Stuart	Ohio	2850	1	646	821	5,343			
J M Stuart	Ohio	2850	2	678	945	6,193			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2					16
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3					17
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4					15
Duke Energy Washington, II LLC	Ohio	55397	CT1					13
Duke Energy Washington, II LLC	Ohio	55397	CT2					20
Eastlake	Ohio	2837	1					237
Eastlake	Ohio	2837	2					242
Eastlake	Ohio	2837	3					236
Eastlake	Ohio	2837	4					462
Eastlake	Ohio	2837	5					1,182
Eastlake	Ohio	2837	6					1
Frank M Tait Station	Ohio	2847	1					4
Frank M Tait Station	Ohio	2847	2					4
Frank M Tait Station	Ohio	2847	3					3
Gen J M Gavin	Ohio	8102	1					2,648
Gen J M Gavin	Ohio	8102	2					2,594
Greenville Electric Gen Station	Ohio	55228	G1CT1					3
Greenville Electric Gen Station	Ohio	55228	G1CT2					3
Greenville Electric Gen Station	Ohio	55228	G2CT1					3
Greenville Electric Gen Station	Ohio	55228	G2CT2					3
Greenville Electric Gen Station	Ohio	55228	G3CT1					3
Greenville Electric Gen Station	Ohio	55228	G3CT2					3
Greenville Electric Gen Station	Ohio	55228	G4CT1					3
Greenville Electric Gen Station	Ohio	55228	G4CT2					3
Hamilton Municipal Power Plant	Ohio	2917	9					112
J M Stuart	Ohio	2850	1					1,173
J M Stuart	Ohio	2850	2					1,091

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	16	16	16	16	Y
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	17	17	17	17	Y
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	15	15	15	15	Y
Duke Energy Washington, II LLC	Ohio	55397	CT1	13	13	13	13	Y
Duke Energy Washington, II LLC	Ohio	55397	CT2	20	20	20	20	Y
Eastlake	Ohio	2837	1	221	221	221	221	Y
Eastlake	Ohio	2837	2	226	226	226	226	Y
Eastlake	Ohio	2837	3	220	220	220	220	Y
Eastlake	Ohio	2837	4	432	432	432	432	Y
Eastlake	Ohio	2837	5	1,105	1,105	1,105	1,105	Y
Eastlake	Ohio	2837	6	1	1	1	1	Y
Frank M Tait Station	Ohio	2847	1	4	4	4	4	Y
Frank M Tait Station	Ohio	2847	2	4	4	4	4	Y
Frank M Tait Station	Ohio	2847	3	3	3	3	3	Y
Gen J M Gavin	Ohio	8102	1	2,475	2,475	2,475	2,475	Y
Gen J M Gavin	Ohio	8102	2	2,594	2,594	2,594	2,594	Y
Greenville Electric Gen Station	Ohio	55228	G1CT1	3	3	3	3	Y
Greenville Electric Gen Station	Ohio	55228	G1CT2	3	3	3	3	Y
Greenville Electric Gen Station	Ohio	55228	G2CT1	3	3	3	3	Y
Greenville Electric Gen Station	Ohio	55228	G2CT2	3	3	3	3	Y
Greenville Electric Gen Station	Ohio	55228	G3CT1	3	3	3	3	Y
Greenville Electric Gen Station	Ohio	55228	G3CT2	3	3	3	3	Y
Greenville Electric Gen Station	Ohio	55228	G4CT1	3	3	3	3	Y
Greenville Electric Gen Station	Ohio	55228	G4CT2	3	3	3	3	Y
Hamilton Municipal Power Plant	Ohio	2917	9	104	104	104	104	Y
J M Stuart	Ohio	2850	1	1,097	1,097	1,097	1,097	Y
J M Stuart	Ohio	2850	2	1,020	1,020	1,020	1,020	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	Y		Y		
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	Y		Y		
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	Y		Y		
Duke Energy Washington, II LLC	Ohio	55397	CT1	Y		Y		
Duke Energy Washington, II LLC	Ohio	55397	CT2	Y		Y		
Eastlake	Ohio	2837	1	Y		Y		
Eastlake	Ohio	2837	2	Y		Y		
Eastlake	Ohio	2837	3	Y		Y		
Eastlake	Ohio	2837	4	Y		Y		
Eastlake	Ohio	2837	5	Y		Y		
Eastlake	Ohio	2837	6	Y		Y		
Frank M Tait Station	Ohio	2847	1	Y		Y		
Frank M Tait Station	Ohio	2847	2	Y		Y		
Frank M Tait Station	Ohio	2847	3	Y		Y		
Gen J M Gavin	Ohio	8102	1	Y		Y		
Gen J M Gavin	Ohio	8102	2	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G1CT1	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G1CT2	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G2CT1	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G2CT2	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G3CT1	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G3CT2	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G4CT1	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G4CT2	Y		Y		
Hamilton Municipal Power Plant	Ohio	2917	9	Y		Y		
J M Stuart	Ohio	2850	1	Y		Y		
J M Stuart	Ohio	2850	2	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
J M Stuart	Ohio	2850	3	1939	37,740,832	37,394,109	38,171,929	41,031,771	31,990,408
J M Stuart	Ohio	2850	4	1940	30,645,557	34,748,910	35,960,206	37,852,199	34,368,836
Killen Station	Ohio	6031	2	2694	41,790,006	43,064,968	38,801,370	45,121,209	43,210,492
Kyger Creek	Ohio	2876	1	1971	14,518,090	13,053,108	13,524,506	12,857,287	13,245,459
Kyger Creek	Ohio	2876	2	1972	14,411,013	12,458,553	13,158,983	12,290,654	13,845,872
Kyger Creek	Ohio	2876	3	1973	13,529,883	13,620,194	12,383,091	13,532,220	11,422,505
Kyger Creek	Ohio	2876	4	1974	15,226,463	13,564,220	13,793,616	13,326,590	13,665,961
Kyger Creek	Ohio	2876	5	1975	12,177,967	14,137,591	14,795,718	13,715,766	13,335,997
Lake Shore	Ohio	2838	18	1913	10,281,387	13,862,295	11,646,014	3,038,360	7,720,050
Mad River	Ohio	2860	A	9285	33,810	11,592	3,864		6,762
Mad River	Ohio	2860	B	9286	29,946	11,592	2,898		11,109
Madison Generating Station	Ohio	55110	1	3912	375,209	409,594	118,857	175,937	363,113
Madison Generating Station	Ohio	55110	2	3913	306,496	438,001	139,705	164,629	247,426
Madison Generating Station	Ohio	55110	3	3914	302,941	291,079	93,584	125,752	227,510
Madison Generating Station	Ohio	55110	4	3915	270,007	258,966	94,807	138,528	199,632
Madison Generating Station	Ohio	55110	5	3916	262,123	316,683	84,733	144,219	249,279
Madison Generating Station	Ohio	55110	6	3917	271,579	324,596	85,376	150,819	201,938
Madison Generating Station	Ohio	55110	7	3918	288,505	289,734	74,979	154,878	224,106
Madison Generating Station	Ohio	55110	8	3919	292,493	308,302	119,620	208,675	248,394
Miami Fort Generating Station	Ohio	2832	6	1894	10,053,484	11,188,375	10,280,405	10,354,696	9,452,000
Miami Fort Generating Station	Ohio	2832	7	1895	31,952,503	27,828,466	34,168,588	38,549,906	41,667,171
Miami Fort Generating Station	Ohio	2832	8	1896	32,409,163	30,803,778	33,127,522	35,654,740	33,454,770
Muskingum River	Ohio	2872	1	1966	8,331,615	11,765,822	11,851,464	7,090,391	7,210,909
Muskingum River	Ohio	2872	2	1967	8,532,606	11,429,678	11,638,475	6,124,590	6,561,224
Muskingum River	Ohio	2872	3	1968	8,984,642	11,116,951	11,503,439	10,066,107	8,520,547
Muskingum River	Ohio	2872	4	1969	7,290,879	11,215,269	9,872,136	8,636,478	9,570,327
Muskingum River	Ohio	2872	5	1970	35,301,392	32,937,941	38,870,297	35,093,118	30,764,097

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
J M Stuart	Ohio	2850	3	38,981,510	1,419,359,736	0.027464	304,025	134,335
J M Stuart	Ohio	2850	4	36,187,105	1,419,359,736	0.025495	304,025	134,335
Killen Station	Ohio	6031	2	43,798,889	1,419,359,736	0.030858	304,025	134,335
Kyger Creek	Ohio	2876	1	13,762,685	1,419,359,736	0.009696	304,025	134,335
Kyger Creek	Ohio	2876	2	13,805,290	1,419,359,736	0.009726	304,025	134,335
Kyger Creek	Ohio	2876	3	13,560,765	1,419,359,736	0.009554	304,025	134,335
Kyger Creek	Ohio	2876	4	14,228,680	1,419,359,736	0.010025	304,025	134,335
Kyger Creek	Ohio	2876	5	14,216,358	1,419,359,736	0.010016	304,025	134,335
Lake Shore	Ohio	2838	18	11,929,899	1,419,359,736	0.008405	304,025	134,335
Mad River	Ohio	2860	A	17,388	1,419,359,736	0.000012	304,025	134,335
Mad River	Ohio	2860	B	17,549	1,419,359,736	0.000012	304,025	134,335
Madison Generating Station	Ohio	55110	1	382,639	1,419,359,736	0.000270	304,025	134,335
Madison Generating Station	Ohio	55110	2	330,641	1,419,359,736	0.000233	304,025	134,335
Madison Generating Station	Ohio	55110	3	273,843	1,419,359,736	0.000193	304,025	134,335
Madison Generating Station	Ohio	55110	4	242,868	1,419,359,736	0.000171	304,025	134,335
Madison Generating Station	Ohio	55110	5	276,028	1,419,359,736	0.000194	304,025	134,335
Madison Generating Station	Ohio	55110	6	266,038	1,419,359,736	0.000187	304,025	134,335
Madison Generating Station	Ohio	55110	7	267,448	1,419,359,736	0.000188	304,025	134,335
Madison Generating Station	Ohio	55110	8	283,063	1,419,359,736	0.000199	304,025	134,335
Miami Fort Generating Station	Ohio	2832	6	10,607,825	1,419,359,736	0.007474	304,025	134,335
Miami Fort Generating Station	Ohio	2832	7	38,128,555	1,419,359,736	0.026863	304,025	134,335
Miami Fort Generating Station	Ohio	2832	8	34,079,011	1,419,359,736	0.024010	304,025	134,335
Muskingum River	Ohio	2872	1	10,649,633	1,419,359,736	0.007503	304,025	134,335
Muskingum River	Ohio	2872	2	10,533,586	1,419,359,736	0.007421	304,025	134,335
Muskingum River	Ohio	2872	3	10,895,499	1,419,359,736	0.007676	304,025	134,335
Muskingum River	Ohio	2872	4	10,219,244	1,419,359,736	0.007200	304,025	134,335
Muskingum River	Ohio	2872	5	36,421,602	1,419,359,736	0.025661	304,025	134,335

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
J M Stuart	Ohio	2850	3	90,849	85,743	8,350	3,689	2,495	2,355
J M Stuart	Ohio	2850	4	90,849	85,743	7,751	3,425	2,316	2,186
Killen Station	Ohio	6031	2	90,849	85,743	9,382	4,145	2,803	2,646
Kyger Creek	Ohio	2876	1	90,849	85,743	2,948	1,303	881	831
Kyger Creek	Ohio	2876	2	90,849	85,743	2,957	1,307	884	834
Kyger Creek	Ohio	2876	3	90,849	85,743	2,905	1,283	868	819
Kyger Creek	Ohio	2876	4	90,849	85,743	3,048	1,347	911	860
Kyger Creek	Ohio	2876	5	90,849	85,743	3,045	1,346	910	859
Lake Shore	Ohio	2838	18	90,849	85,743	2,555	1,129	764	721
Mad River	Ohio	2860	A	90,849	85,743	4	2	1	1
Mad River	Ohio	2860	B	90,849	85,743	4	2	1	1
Madison Generating Station	Ohio	55110	1	90,849	85,743	82	36	24	23
Madison Generating Station	Ohio	55110	2	90,849	85,743	71	31	21	20
Madison Generating Station	Ohio	55110	3	90,849	85,743	59	26	18	17
Madison Generating Station	Ohio	55110	4	90,849	85,743	52	23	16	15
Madison Generating Station	Ohio	55110	5	90,849	85,743	59	26	18	17
Madison Generating Station	Ohio	55110	6	90,849	85,743	57	25	17	16
Madison Generating Station	Ohio	55110	7	90,849	85,743	57	25	17	16
Madison Generating Station	Ohio	55110	8	90,849	85,743	61	27	18	17
Miami Fort Generating Station	Ohio	2832	6	90,849	85,743	2,272	1,004	679	641
Miami Fort Generating Station	Ohio	2832	7	90,849	85,743	8,167	3,609	2,440	2,303
Miami Fort Generating Station	Ohio	2832	8	90,849	85,743	7,300	3,225	2,181	2,059
Muskingum River	Ohio	2872	1	90,849	85,743	2,281	1,008	682	643
Muskingum River	Ohio	2872	2	90,849	85,743	2,256	997	674	636
Muskingum River	Ohio	2872	3	90,849	85,743	2,334	1,031	697	658
Muskingum River	Ohio	2872	4	90,849	85,743	2,189	967	654	617
Muskingum River	Ohio	2872	5	90,849	85,743	7,801	3,447	2,331	2,200

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
J M Stuart	Ohio	2850	3	31,262	30,513	23,889	29,966	28,958	6,478
J M Stuart	Ohio	2850	4	32,030	25,301	29,984	23,294	27,610	7,166
Killen Station	Ohio	6031	2	23,724	23,049	19,565	22,825	8,601	1,028
Kyger Creek	Ohio	2876	1	15,206	15,064	14,218	13,937	11,300	11,910
Kyger Creek	Ohio	2876	2	16,507	14,626	14,972	13,830	10,661	11,693
Kyger Creek	Ohio	2876	3	12,925	14,170	14,004	12,793	11,835	10,853
Kyger Creek	Ohio	2876	4	13,534	14,236	14,469	14,629	11,573	12,087
Kyger Creek	Ohio	2876	5	14,171	14,754	14,765	11,968	12,066	13,092
Lake Shore	Ohio	2838	18	2,091	2,488	3,002	2,838	5,132	4,671
Mad River	Ohio	2860	A						
Mad River	Ohio	2860	B						
Madison Generating Station	Ohio	55110	1	0	0	0	0	0	0
Madison Generating Station	Ohio	55110	2	0	0	0	0	0	0
Madison Generating Station	Ohio	55110	3	0	0	0	0	0	0
Madison Generating Station	Ohio	55110	4	0	0	0	0	0	0
Madison Generating Station	Ohio	55110	5	0	0	0	0	0	0
Madison Generating Station	Ohio	55110	6	0	0	0	0	0	0
Madison Generating Station	Ohio	55110	7	0	0	0	0	0	0
Madison Generating Station	Ohio	55110	8	0	0	0	0	0	0
Miami Fort Generating Station	Ohio	2832	6	18,752	16,782	19,990	17,304	17,055	19,872
Miami Fort Generating Station	Ohio	2832	7	41,189	64,169	37,419	29,236	25,229	2,469
Miami Fort Generating Station	Ohio	2832	8	16,253	15,256	15,844	14,455	4,655	2,352
Muskingum River	Ohio	2872	1	21,024	24,359	24,997	18,368	24,521	25,010
Muskingum River	Ohio	2872	2	23,577	19,677	16,939	18,734	23,988	24,370
Muskingum River	Ohio	2872	3	25,173	24,470	20,300	20,133	23,137	24,338
Muskingum River	Ohio	2872	4	25,650	22,412	21,237	16,155	24,263	21,002
Muskingum River	Ohio	2872	5	43,697	50,234	51,090	49,594	36,550	29,428

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
J M Stuart	Ohio	2850	3	17,856	1,208	31,262				
J M Stuart	Ohio	2850	4	19,002	2,337	32,030				
Killen Station	Ohio	6031	2	1,973	6,095	23,724				
Kyger Creek	Ohio	2876	1	11,013	21,857	21,857				
Kyger Creek	Ohio	2876	2	10,533	23,298	23,298				
Kyger Creek	Ohio	2876	3	11,669	18,914	18,914				
Kyger Creek	Ohio	2876	4	11,463	23,029	23,029				
Kyger Creek	Ohio	2876	5	11,719	22,565	22,565				
Lake Shore	Ohio	2838	18	1,099	3,068	5,132				
Mad River	Ohio	2860	A		2	2				
Mad River	Ohio	2860	B		3	3				
Madison Generating Station	Ohio	55110	1	0	0	0				
Madison Generating Station	Ohio	55110	2	0	0	0				
Madison Generating Station	Ohio	55110	3	0	0	0				
Madison Generating Station	Ohio	55110	4	0	0	0				
Madison Generating Station	Ohio	55110	5	0	0	0				
Madison Generating Station	Ohio	55110	6	0	0	0				
Madison Generating Station	Ohio	55110	7	0	0	0				
Madison Generating Station	Ohio	55110	8	0	0	0				
Miami Fort Generating Station	Ohio	2832	6	19,971	17,984	19,990				
Miami Fort Generating Station	Ohio	2832	7	2,658	3,597	64,169				
Miami Fort Generating Station	Ohio	2832	8	2,712	3,369	16,253				
Muskingum River	Ohio	2872	1	15,543	15,815	25,010				
Muskingum River	Ohio	2872	2	13,421	14,413	24,370				
Muskingum River	Ohio	2872	3	22,168	19,124	25,173				
Muskingum River	Ohio	2872	4	18,994	21,474	25,650				
Muskingum River	Ohio	2872	5	27,883	27,688	51,090				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
J M Stuart	Ohio	2850	3				11,177	7,752	6,096
J M Stuart	Ohio	2850	4				10,799	5,491	7,185
Killen Station	Ohio	6031	2				10,820	7,131	5,967
Kyger Creek	Ohio	2876	1				4,509	3,812	3,581
Kyger Creek	Ohio	2876	2				4,921	3,722	3,852
Kyger Creek	Ohio	2876	3				3,770	3,553	3,484
Kyger Creek	Ohio	2876	4				3,958	3,869	3,713
Kyger Creek	Ohio	2876	5				4,186	3,752	3,808
Lake Shore	Ohio	2838	18				1,327	1,386	1,854
Mad River	Ohio	2860	A				6	15	40
Mad River	Ohio	2860	B				6	12	41
Madison Generating Station	Ohio	55110	1				5	1	12
Madison Generating Station	Ohio	55110	2				10	3	14
Madison Generating Station	Ohio	55110	3				6	2	13
Madison Generating Station	Ohio	55110	4				9	2	13
Madison Generating Station	Ohio	55110	5				2	1	10
Madison Generating Station	Ohio	55110	6				5	2	10
Madison Generating Station	Ohio	55110	7				6	1	11
Madison Generating Station	Ohio	55110	8				8	2	10
Miami Fort Generating Station	Ohio	2832	6				3,771	2,825	3,290
Miami Fort Generating Station	Ohio	2832	7				4,493	7,642	5,445
Miami Fort Generating Station	Ohio	2832	8				6,159	5,769	5,715
Muskingum River	Ohio	2872	1				3,364	3,284	2,928
Muskingum River	Ohio	2872	2				3,598	2,903	2,084
Muskingum River	Ohio	2872	3				3,613	3,201	2,337
Muskingum River	Ohio	2872	4				3,706	2,813	2,551
Muskingum River	Ohio	2872	5				11,162	8,737	5,797

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
J M Stuart	Ohio	2850	3	6,614	6,616	6,547	2,185	1,967	11,177
J M Stuart	Ohio	2850	4	5,858	6,623	5,801	2,410	2,151	10,799
Killen Station	Ohio	6031	2	7,185	8,410	7,350	2,884	4,158	10,820
Kyger Creek	Ohio	2876	1	3,708	2,433	2,842	643	928	4,509
Kyger Creek	Ohio	2876	2	3,628	2,583	2,801	588	1,002	4,921
Kyger Creek	Ohio	2876	3	3,456	2,642	2,555	664	847	3,770
Kyger Creek	Ohio	2876	4	3,903	2,958	2,764	650	982	3,958
Kyger Creek	Ohio	2876	5	3,168	2,852	3,206	683	965	4,186
Lake Shore	Ohio	2838	18	1,563	2,127	1,673	428	1,079	2,127
Mad River	Ohio	2860	A	20	7	2		4	40
Mad River	Ohio	2860	B	18	7	2		7	41
Madison Generating Station	Ohio	55110	1	6	6	2	3	6	12
Madison Generating Station	Ohio	55110	2	5	7	3	3	5	14
Madison Generating Station	Ohio	55110	3	5	5	2	3	4	13
Madison Generating Station	Ohio	55110	4	4	4	2	3	3	13
Madison Generating Station	Ohio	55110	5	4	5	2	3	4	10
Madison Generating Station	Ohio	55110	6	4	5	2	3	3	10
Madison Generating Station	Ohio	55110	7	5	5	1	3	4	11
Madison Generating Station	Ohio	55110	8	5	6	2	5	4	10
Miami Fort Generating Station	Ohio	2832	6	2,000	1,251	1,179	1,443	1,259	3,771
Miami Fort Generating Station	Ohio	2832	7	5,665	4,212	5,627	1,471	2,870	7,642
Miami Fort Generating Station	Ohio	2832	8	4,982	4,291	5,566	1,423	1,693	6,159
Muskingum River	Ohio	2872	1	2,869	3,912	3,999	1,638	1,849	3,999
Muskingum River	Ohio	2872	2	2,654	3,713	3,858	1,379	1,698	3,858
Muskingum River	Ohio	2872	3	2,646	3,707	3,926	2,026	2,142	3,926
Muskingum River	Ohio	2872	4	2,210	3,550	3,263	1,764	2,352	3,706
Muskingum River	Ohio	2872	5	7,567	6,124	1,095	997	877	11,162

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
J M Stuart	Ohio	2850	3						
J M Stuart	Ohio	2850	4						
Killen Station	Ohio	6031	2						
Kyger Creek	Ohio	2876	1						
Kyger Creek	Ohio	2876	2						
Kyger Creek	Ohio	2876	3						
Kyger Creek	Ohio	2876	4						
Kyger Creek	Ohio	2876	5						
Lake Shore	Ohio	2838	18						
Mad River	Ohio	2860	A						
Mad River	Ohio	2860	B						
Madison Generating Station	Ohio	55110	1						
Madison Generating Station	Ohio	55110	2						
Madison Generating Station	Ohio	55110	3						
Madison Generating Station	Ohio	55110	4						
Madison Generating Station	Ohio	55110	5						
Madison Generating Station	Ohio	55110	6						
Madison Generating Station	Ohio	55110	7						
Madison Generating Station	Ohio	55110	8						
Miami Fort Generating Station	Ohio	2832	6						
Miami Fort Generating Station	Ohio	2832	7						
Miami Fort Generating Station	Ohio	2832	8						
Muskingum River	Ohio	2872	1						
Muskingum River	Ohio	2872	2						
Muskingum River	Ohio	2872	3						
Muskingum River	Ohio	2872	4						
Muskingum River	Ohio	2872	5						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
J M Stuart	Ohio	2850	3		8,917	3,855	3,855
J M Stuart	Ohio	2850	4		8,278	3,579	3,579
Killen Station	Ohio	6031	2		10,019	4,332	4,332
Kyger Creek	Ohio	2876	1		3,148	1,361	1,361
Kyger Creek	Ohio	2876	2		3,158	1,365	1,365
Kyger Creek	Ohio	2876	3		3,102	1,341	1,341
Kyger Creek	Ohio	2876	4		3,255	1,407	1,407
Kyger Creek	Ohio	2876	5		3,252	1,406	1,406
Lake Shore	Ohio	2838	18		2,729	1,180	1,180
Mad River	Ohio	2860	A		2	2	2
Mad River	Ohio	2860	B		3	2	2
Madison Generating Station	Ohio	55110	1		0	0	0
Madison Generating Station	Ohio	55110	2		0	0	0
Madison Generating Station	Ohio	55110	3		0	0	0
Madison Generating Station	Ohio	55110	4		0	0	0
Madison Generating Station	Ohio	55110	5		0	0	0
Madison Generating Station	Ohio	55110	6		0	0	0
Madison Generating Station	Ohio	55110	7		0	0	0
Madison Generating Station	Ohio	55110	8		0	0	0
Miami Fort Generating Station	Ohio	2832	6		2,426	1,049	1,049
Miami Fort Generating Station	Ohio	2832	7		8,722	3,771	3,771
Miami Fort Generating Station	Ohio	2832	8		7,795	3,371	3,371
Muskingum River	Ohio	2872	1		2,436	1,053	1,053
Muskingum River	Ohio	2872	2		2,410	1,042	1,042
Muskingum River	Ohio	2872	3		2,492	1,078	1,078
Muskingum River	Ohio	2872	4		2,338	1,011	1,011
Muskingum River	Ohio	2872	5		8,331	3,602	3,602

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
J M Stuart	Ohio	2850	3	3,855	3,855		2,586
J M Stuart	Ohio	2850	4	3,579	3,579		2,401
Killen Station	Ohio	6031	2	4,332	4,332		2,906
Kyger Creek	Ohio	2876	1	1,361	1,361		913
Kyger Creek	Ohio	2876	2	1,365	1,365		916
Kyger Creek	Ohio	2876	3	1,341	1,341		900
Kyger Creek	Ohio	2876	4	1,407	1,407		944
Kyger Creek	Ohio	2876	5	1,406	1,406		943
Lake Shore	Ohio	2838	18	1,180	1,180		791
Mad River	Ohio	2860	A	2	2		1
Mad River	Ohio	2860	B	2	2		1
Madison Generating Station	Ohio	55110	1	0	0		12
Madison Generating Station	Ohio	55110	2	0	0		14
Madison Generating Station	Ohio	55110	3	0	0		13
Madison Generating Station	Ohio	55110	4	0	0		13
Madison Generating Station	Ohio	55110	5	0	0		10
Madison Generating Station	Ohio	55110	6	0	0		10
Madison Generating Station	Ohio	55110	7	0	0		11
Madison Generating Station	Ohio	55110	8	0	0		10
Miami Fort Generating Station	Ohio	2832	6	1,049	1,049		704
Miami Fort Generating Station	Ohio	2832	7	3,771	3,771		2,530
Miami Fort Generating Station	Ohio	2832	8	3,371	3,371		2,261
Muskingum River	Ohio	2872	1	1,053	1,053		707
Muskingum River	Ohio	2872	2	1,042	1,042		699
Muskingum River	Ohio	2872	3	1,078	1,078		723
Muskingum River	Ohio	2872	4	1,011	1,011		678
Muskingum River	Ohio	2872	5	3,602	3,602		2,416

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
J M Stuart	Ohio	2850	3	2,440	2,440	2,440	2,440
J M Stuart	Ohio	2850	4	2,265	2,265	2,265	2,265
Killen Station	Ohio	6031	2	2,741	2,741	2,741	2,741
Kyger Creek	Ohio	2876	1	861	861	861	861
Kyger Creek	Ohio	2876	2	864	864	864	864
Kyger Creek	Ohio	2876	3	849	849	849	849
Kyger Creek	Ohio	2876	4	891	891	891	891
Kyger Creek	Ohio	2876	5	890	890	890	890
Lake Shore	Ohio	2838	18	747	747	747	747
Mad River	Ohio	2860	A	1	1	1	1
Mad River	Ohio	2860	B	1	1	1	1
Madison Generating Station	Ohio	55110	1	12	12	12	12
Madison Generating Station	Ohio	55110	2	14	14	14	14
Madison Generating Station	Ohio	55110	3	13	13	13	13
Madison Generating Station	Ohio	55110	4	13	13	13	13
Madison Generating Station	Ohio	55110	5	10	10	10	10
Madison Generating Station	Ohio	55110	6	10	10	10	10
Madison Generating Station	Ohio	55110	7	11	11	11	11
Madison Generating Station	Ohio	55110	8	10	10	10	10
Miami Fort Generating Station	Ohio	2832	6	664	664	664	664
Miami Fort Generating Station	Ohio	2832	7	2,386	2,386	2,386	2,386
Miami Fort Generating Station	Ohio	2832	8	2,133	2,133	2,133	2,133
Muskingum River	Ohio	2872	1	667	667	667	667
Muskingum River	Ohio	2872	2	659	659	659	659
Muskingum River	Ohio	2872	3	682	682	682	682
Muskingum River	Ohio	2872	4	640	640	640	640
Muskingum River	Ohio	2872	5	2,280	2,280	2,280	2,280

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
J M Stuart	Ohio	2850	3	16,556,733	16,780,795	16,835,564	15,819,043	16,328,857	16,724,364
J M Stuart	Ohio	2850	4	14,141,072	13,161,941	16,967,376	15,284,167	15,367,713	15,873,086
Killen Station	Ohio	6031	2	18,914,934	16,628,320	16,717,190	17,798,130	19,002,997	18,572,021
Kyger Creek	Ohio	2876	1	5,959,270	5,980,196	5,839,531	4,718,221	5,399,924	5,926,332
Kyger Creek	Ohio	2876	2	6,060,026	5,227,092	5,495,225	5,362,420	5,996,763	5,850,671
Kyger Creek	Ohio	2876	3	5,508,012	6,057,165	5,478,215	4,784,041	3,796,815	5,681,131
Kyger Creek	Ohio	2876	4	6,141,003	4,870,042	6,274,087	5,575,865	5,918,791	6,111,294
Kyger Creek	Ohio	2876	5	4,758,574	6,079,643	5,955,490	6,134,860	5,664,914	6,056,665
Lake Shore	Ohio	2838	18	3,875,257	5,909,120	5,192,630	525,214	3,087,233	4,992,336
Mad River	Ohio	2860	A	33,810	11,592	3,864		5,796	17,066
Mad River	Ohio	2860	B	29,946	11,592	2,898		10,143	17,227
Madison Generating Station	Ohio	55110	1	156,300	150,036	47,226	28,924	203,042	169,793
Madison Generating Station	Ohio	55110	2	121,387	173,854	42,335	31,387	134,381	143,207
Madison Generating Station	Ohio	55110	3	130,915	143,059	32,510	21,359	111,827	128,600
Madison Generating Station	Ohio	55110	4	118,721	141,138	38,693	26,757	120,243	126,701
Madison Generating Station	Ohio	55110	5	111,339	132,698	33,220	28,940	135,545	126,527
Madison Generating Station	Ohio	55110	6	127,452	127,385	34,467	22,800	116,480	123,772
Madison Generating Station	Ohio	55110	7	125,847	118,764	27,276	28,514	118,520	121,043
Madison Generating Station	Ohio	55110	8	131,032	126,755	41,728	65,128	167,003	141,597
Miami Fort Generating Station	Ohio	2832	6	3,804,485	4,804,197	4,285,205	4,250,034	4,270,603	4,453,335
Miami Fort Generating Station	Ohio	2832	7	12,620,473	13,554,407	14,142,117	15,983,498	17,505,839	15,877,151
Miami Fort Generating Station	Ohio	2832	8	13,024,438	15,742,714	11,871,471	15,899,912	12,911,424	14,889,021
Muskingum River	Ohio	2872	1	2,423,591	4,687,122	4,686,013	2,030,526	2,927,411	4,100,182
Muskingum River	Ohio	2872	2	3,426,548	4,649,100	4,894,829	1,895,591	4,610,750	4,718,226
Muskingum River	Ohio	2872	3	3,943,450	4,019,969	4,265,150	3,116,372	4,582,638	4,289,252
Muskingum River	Ohio	2872	4	2,978,612	5,201,343	4,291,865	2,975,054	3,500,589	4,331,265
Muskingum River	Ohio	2872	5	14,049,389	14,121,716	14,472,288	11,936,065	12,818,700	14,214,464

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
J M Stuart	Ohio	2850	3	616,903,319	0.027110	39,262	37,036	1,064	1,004
J M Stuart	Ohio	2850	4	616,903,319	0.025730	39,262	37,036	1,010	953
Killen Station	Ohio	6031	2	616,903,319	0.030105	39,262	37,036	1,182	1,115
Kyger Creek	Ohio	2876	1	616,903,319	0.009607	39,262	37,036	377	356
Kyger Creek	Ohio	2876	2	616,903,319	0.009484	39,262	37,036	372	351
Kyger Creek	Ohio	2876	3	616,903,319	0.009209	39,262	37,036	362	341
Kyger Creek	Ohio	2876	4	616,903,319	0.009906	39,262	37,036	389	367
Kyger Creek	Ohio	2876	5	616,903,319	0.009818	39,262	37,036	385	364
Lake Shore	Ohio	2838	18	616,903,319	0.008093	39,262	37,036	318	300
Mad River	Ohio	2860	A	616,903,319	0.000028	39,262	37,036	1	1
Mad River	Ohio	2860	B	616,903,319	0.000028	39,262	37,036	1	1
Madison Generating Station	Ohio	55110	1	616,903,319	0.000275	39,262	37,036	11	10
Madison Generating Station	Ohio	55110	2	616,903,319	0.000232	39,262	37,036	9	9
Madison Generating Station	Ohio	55110	3	616,903,319	0.000208	39,262	37,036	8	8
Madison Generating Station	Ohio	55110	4	616,903,319	0.000205	39,262	37,036	8	8
Madison Generating Station	Ohio	55110	5	616,903,319	0.000205	39,262	37,036	8	8
Madison Generating Station	Ohio	55110	6	616,903,319	0.000201	39,262	37,036	8	7
Madison Generating Station	Ohio	55110	7	616,903,319	0.000196	39,262	37,036	8	7
Madison Generating Station	Ohio	55110	8	616,903,319	0.000230	39,262	37,036	9	9
Miami Fort Generating Station	Ohio	2832	6	616,903,319	0.007219	39,262	37,036	283	267
Miami Fort Generating Station	Ohio	2832	7	616,903,319	0.025737	39,262	37,036	1,010	953
Miami Fort Generating Station	Ohio	2832	8	616,903,319	0.024135	39,262	37,036	948	894
Muskingum River	Ohio	2872	1	616,903,319	0.006646	39,262	37,036	261	246
Muskingum River	Ohio	2872	2	616,903,319	0.007648	39,262	37,036	300	283
Muskingum River	Ohio	2872	3	616,903,319	0.006953	39,262	37,036	273	258
Muskingum River	Ohio	2872	4	616,903,319	0.007021	39,262	37,036	276	260
Muskingum River	Ohio	2872	5	616,903,319	0.023042	39,262	37,036	905	853

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
J M Stuart	Ohio	2850	3	4,713	1,507	542	743	829	1,292
J M Stuart	Ohio	2850	4	3,945	1,396	1,067	1,350	639	1,338
Killen Station	Ohio	6031	2	4,853	1,495	639	1,151	1,670	1,608
Kyger Creek	Ohio	2876	1	1,221	494	239	254	272	302
Kyger Creek	Ohio	2876	2	1,301	519	246	256	240	291
Kyger Creek	Ohio	2876	3	1,269	459	240	235	275	286
Kyger Creek	Ohio	2876	4	1,297	325	253	261	223	324
Kyger Creek	Ohio	2876	5	808	489	244	204	275	305
Lake Shore	Ohio	2838	18	440	497	719	555	839	733
Mad River	Ohio	2860	A	6	15	40	20	7	2
Mad River	Ohio	2860	B	6	12	41	18	7	2
Madison Generating Station	Ohio	55110	1	5	0	8	2	2	1
Madison Generating Station	Ohio	55110	2	8	1	9	2	3	1
Madison Generating Station	Ohio	55110	3	5	1	8	2	2	1
Madison Generating Station	Ohio	55110	4	8	1	7	2	2	1
Madison Generating Station	Ohio	55110	5	1	0	6	1	2	1
Madison Generating Station	Ohio	55110	6	4	0	6	2	2	1
Madison Generating Station	Ohio	55110	7	5	0	6	2	2	0
Madison Generating Station	Ohio	55110	8	7	0	6	2	2	1
Miami Fort Generating Station	Ohio	2832	6	1,529	881	1,235	538	524	456
Miami Fort Generating Station	Ohio	2832	7	755	1,107	362	337	357	517
Miami Fort Generating Station	Ohio	2832	8	728	1,116	398	365	419	603
Muskingum River	Ohio	2872	1	651	778	738	479	1,032	1,109
Muskingum River	Ohio	2872	2	1,047	511	488	668	1,011	1,146
Muskingum River	Ohio	2872	3	1,249	796	627	711	857	1,009
Muskingum River	Ohio	2872	4	1,216	893	577	550	1,101	1,005
Muskingum River	Ohio	2872	5	5,840	3,128	509	476	305	394

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
J M Stuart	Ohio	2850	3	748	880	4,713			
J M Stuart	Ohio	2850	4	1,049	873	3,945			
Killen Station	Ohio	6031	2	901	1,812	4,853			
Kyger Creek	Ohio	2876	1	218	389	1,221			
Kyger Creek	Ohio	2876	2	242	459	1,301			
Kyger Creek	Ohio	2876	3	219	311	1,269			
Kyger Creek	Ohio	2876	4	251	437	1,297			
Kyger Creek	Ohio	2876	5	278	428	808			
Lake Shore	Ohio	2838	18	85	422	839			
Mad River	Ohio	2860	A		3	40			
Mad River	Ohio	2860	B		6	41			
Madison Generating Station	Ohio	55110	1	0	3	8			
Madison Generating Station	Ohio	55110	2	1	2	9			
Madison Generating Station	Ohio	55110	3	0	2	8			
Madison Generating Station	Ohio	55110	4	0	2	8			
Madison Generating Station	Ohio	55110	5	1	2	6			
Madison Generating Station	Ohio	55110	6	0	2	6			
Madison Generating Station	Ohio	55110	7	0	2	6			
Madison Generating Station	Ohio	55110	8	1	3	7			
Miami Fort Generating Station	Ohio	2832	6	662	542	1,529			
Miami Fort Generating Station	Ohio	2832	7	520	1,193	1,193			
Miami Fort Generating Station	Ohio	2832	8	442	889	1,116			
Muskingum River	Ohio	2872	1	497	778	1,109			
Muskingum River	Ohio	2872	2	385	1,217	1,217			
Muskingum River	Ohio	2872	3	604	1,190	1,249			
Muskingum River	Ohio	2872	4	583	902	1,216			
Muskingum River	Ohio	2872	5	361	359	5,840			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
J M Stuart	Ohio	2850	3					1,139
J M Stuart	Ohio	2850	4					1,081
Killen Station	Ohio	6031	2					1,264
Kyger Creek	Ohio	2876	1					403
Kyger Creek	Ohio	2876	2					398
Kyger Creek	Ohio	2876	3					387
Kyger Creek	Ohio	2876	4					416
Kyger Creek	Ohio	2876	5					412
Lake Shore	Ohio	2838	18					340
Mad River	Ohio	2860	A					1
Mad River	Ohio	2860	B					1
Madison Generating Station	Ohio	55110	1					8
Madison Generating Station	Ohio	55110	2					9
Madison Generating Station	Ohio	55110	3					8
Madison Generating Station	Ohio	55110	4					8
Madison Generating Station	Ohio	55110	5					6
Madison Generating Station	Ohio	55110	6					6
Madison Generating Station	Ohio	55110	7					6
Madison Generating Station	Ohio	55110	8					7
Miami Fort Generating Station	Ohio	2832	6					303
Miami Fort Generating Station	Ohio	2832	7					1,081
Miami Fort Generating Station	Ohio	2832	8					1,014
Muskingum River	Ohio	2872	1					279
Muskingum River	Ohio	2872	2					321
Muskingum River	Ohio	2872	3					292
Muskingum River	Ohio	2872	4					295
Muskingum River	Ohio	2872	5					968

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
J M Stuart	Ohio	2850	3	1,065	1,065	1,065	1,065	Y
J M Stuart	Ohio	2850	4	1,010	1,010	1,010	1,010	Y
Killen Station	Ohio	6031	2	1,182	1,182	1,182	1,182	Y
Kyger Creek	Ohio	2876	1	377	377	377	377	Y
Kyger Creek	Ohio	2876	2	372	372	372	372	Y
Kyger Creek	Ohio	2876	3	362	362	362	362	Y
Kyger Creek	Ohio	2876	4	389	389	389	389	Y
Kyger Creek	Ohio	2876	5	386	386	386	386	Y
Lake Shore	Ohio	2838	18	318	318	318	318	Y
Mad River	Ohio	2860	A	1	1	1	1	Y
Mad River	Ohio	2860	B	1	1	1	1	Y
Madison Generating Station	Ohio	55110	1	8	8	8	8	Y
Madison Generating Station	Ohio	55110	2	9	9	9	9	Y
Madison Generating Station	Ohio	55110	3	8	8	8	8	Y
Madison Generating Station	Ohio	55110	4	8	8	8	8	Y
Madison Generating Station	Ohio	55110	5	6	6	6	6	Y
Madison Generating Station	Ohio	55110	6	6	6	6	6	Y
Madison Generating Station	Ohio	55110	7	6	6	6	6	Y
Madison Generating Station	Ohio	55110	8	7	7	7	7	Y
Miami Fort Generating Station	Ohio	2832	6	283	283	283	283	Y
Miami Fort Generating Station	Ohio	2832	7	1,011	1,011	1,011	1,011	Y
Miami Fort Generating Station	Ohio	2832	8	948	948	948	948	Y
Muskingum River	Ohio	2872	1	261	261	261	261	Y
Muskingum River	Ohio	2872	2	300	300	300	300	Y
Muskingum River	Ohio	2872	3	273	273	273	273	Y
Muskingum River	Ohio	2872	4	276	276	276	276	Y
Muskingum River	Ohio	2872	5	905	905	905	905	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
J M Stuart	Ohio	2850	3	Y		Y		
J M Stuart	Ohio	2850	4	Y		Y		
Killen Station	Ohio	6031	2	Y		Y		
Kyger Creek	Ohio	2876	1	Y		Y		
Kyger Creek	Ohio	2876	2	Y		Y		
Kyger Creek	Ohio	2876	3	Y		Y		
Kyger Creek	Ohio	2876	4	Y		Y		
Kyger Creek	Ohio	2876	5	Y		Y		
Lake Shore	Ohio	2838	18	Y		Y		
Mad River	Ohio	2860	A	Y		Y		
Mad River	Ohio	2860	B	Y		Y		
Madison Generating Station	Ohio	55110	1	Y		Y		
Madison Generating Station	Ohio	55110	2	Y		Y		
Madison Generating Station	Ohio	55110	3	Y		Y		
Madison Generating Station	Ohio	55110	4	Y		Y		
Madison Generating Station	Ohio	55110	5	Y		Y		
Madison Generating Station	Ohio	55110	6	Y		Y		
Madison Generating Station	Ohio	55110	7	Y		Y		
Madison Generating Station	Ohio	55110	8	Y		Y		
Miami Fort Generating Station	Ohio	2832	6	Y		Y		
Miami Fort Generating Station	Ohio	2832	7	Y		Y		
Miami Fort Generating Station	Ohio	2832	8	Y		Y		
Muskingum River	Ohio	2872	1	Y		Y		
Muskingum River	Ohio	2872	2	Y		Y		
Muskingum River	Ohio	2872	3	Y		Y		
Muskingum River	Ohio	2872	4	Y		Y		
Muskingum River	Ohio	2872	5	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Niles	Ohio	2861	1	1946	6,680,272	7,023,053	5,049,949	2,868,704	2,375,008
Niles	Ohio	2861	2	1947	3,158,995	5,539,362	4,363,614	349,784	2,457,151
Niles	Ohio	2861	CTA	9278	9,552	364		1,018	2,995
O H Hutchings	Ohio	2848	H-1	1931	238,277	143,914	57,547	47,557	58,785
O H Hutchings	Ohio	2848	H-2	1932	206,693	133,947	100,108	36,909	76,280
O H Hutchings	Ohio	2848	H-3	1933	773,126	1,779,337	967,706	213,642	643,168
O H Hutchings	Ohio	2848	H-4	1934	1,115,965	1,920,667	1,283,416	540,884	252,644
O H Hutchings	Ohio	2848	H-5	1935	1,162,990	1,744,704	1,193,070	290,538	722,071
O H Hutchings	Ohio	2848	H-6	1936	1,271,630	1,753,969	1,002,442	178,940	598,419
O H Hutchings	Ohio	2848	H-7	88237	2,132	1,256	6,194	3,393	3,421
Omega JV2 Bowling Green	Ohio	7783	P001	3226	19,397	8,783	10,555	1,803	12,159
Omega JV2 Hamilton	Ohio	7782	P001	3225	17,138	7,166	7,290	4,257	13,189
Picway	Ohio	2843	9	1924	3,448,757	4,889,885	4,220,924	1,455,688	836,754
R E Burger	Ohio	2864	5	1952		506,796	69,614		2,483
R E Burger	Ohio	2864	6	1953		471,103	79,247		2,240
R E Burger	Ohio	2864	7	1954	9,584,154	9,504,046	8,339,446	1,880,056	5,281,321
R E Burger	Ohio	2864	8	1955	9,424,262	9,383,899	8,019,859	4,652,885	6,992,855
Richard Gorsuch	Ohio	7253	1	3057	3,621,082	4,396,605	4,245,274	2,658,709	2,149,061
Richard Gorsuch	Ohio	7253	2	3058	4,003,690	4,554,852	4,152,567	2,744,427	3,047,375
Richard Gorsuch	Ohio	7253	3	3059	3,229,962	4,262,725	4,101,128	3,584,132	2,890,166
Richard Gorsuch	Ohio	7253	4	3060	3,373,420	4,127,614	4,290,215	2,175,567	2,278,397
Richland Peaking Station	Ohio	2880	CTG4	1988	191,464	240,418	75,263	31,722	384,920
Richland Peaking Station	Ohio	2880	CTG5	1989	192,504	221,212	73,131	25,758	403,937
Richland Peaking Station	Ohio	2880	CTG6	1990	79,050	205,094	70,995	20,468	322,970
Robert P Mone	Ohio	7872	1	3336	254,731	640,588	152,652	104,016	212,953
Robert P Mone	Ohio	7872	2	3337	227,466	560,220	76,933	70,746	187,804
Robert P Mone	Ohio	7872	3	3338	211,575	587,952	138,487	61,937	144,774

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Niles	Ohio	2861	1	6,251,091	1,419,359,736	0.004404	304,025	134,335
Niles	Ohio	2861	2	4,353,991	1,419,359,736	0.003068	304,025	134,335
Niles	Ohio	2861	CTA	4,522	1,419,359,736	0.000003	304,025	134,335
O H Hutchings	Ohio	2848	H-1	146,992	1,419,359,736	0.000104	304,025	134,335
O H Hutchings	Ohio	2848	H-2	146,916	1,419,359,736	0.000104	304,025	134,335
O H Hutchings	Ohio	2848	H-3	1,173,390	1,419,359,736	0.000827	304,025	134,335
O H Hutchings	Ohio	2848	H-4	1,440,016	1,419,359,736	0.001015	304,025	134,335
O H Hutchings	Ohio	2848	H-5	1,366,921	1,419,359,736	0.000963	304,025	134,335
O H Hutchings	Ohio	2848	H-6	1,342,680	1,419,359,736	0.000946	304,025	134,335
O H Hutchings	Ohio	2848	H-7	4,336	1,419,359,736	0.000003	304,025	134,335
Omega JV2 Bowling Green	Ohio	7783	P001	14,037	1,419,359,736	0.000010	304,025	134,335
Omega JV2 Hamilton	Ohio	7782	P001	12,539	1,419,359,736	0.000009	304,025	134,335
Picway	Ohio	2843	9	4,186,522	1,419,359,736	0.002950	304,025	134,335
R E Burger	Ohio	2864	5	192,965	1,419,359,736	0.000136	304,025	134,335
R E Burger	Ohio	2864	6	184,196	1,419,359,736	0.000130	304,025	134,335
R E Burger	Ohio	2864	7	9,142,548	1,419,359,736	0.006441	304,025	134,335
R E Burger	Ohio	2864	8	8,942,673	1,419,359,736	0.006300	304,025	134,335
Richard Gorsuch	Ohio	7253	1	4,087,654	1,419,359,736	0.002880	304,025	134,335
Richard Gorsuch	Ohio	7253	2	4,237,036	1,419,359,736	0.002985	304,025	134,335
Richard Gorsuch	Ohio	7253	3	3,982,662	1,419,359,736	0.002806	304,025	134,335
Richard Gorsuch	Ohio	7253	4	3,930,416	1,419,359,736	0.002769	304,025	134,335
Richland Peaking Station	Ohio	2880	CTG4	272,268	1,419,359,736	0.000192	304,025	134,335
Richland Peaking Station	Ohio	2880	CTG5	272,551	1,419,359,736	0.000192	304,025	134,335
Richland Peaking Station	Ohio	2880	CTG6	202,371	1,419,359,736	0.000143	304,025	134,335
Robert P Mone	Ohio	7872	1	369,424	1,419,359,736	0.000260	304,025	134,335
Robert P Mone	Ohio	7872	2	325,163	1,419,359,736	0.000229	304,025	134,335
Robert P Mone	Ohio	7872	3	314,767	1,419,359,736	0.000222	304,025	134,335

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Niles	Ohio	2861	1	90,849	85,743	1,339	592	400	378
Niles	Ohio	2861	2	90,849	85,743	933	412	279	263
Niles	Ohio	2861	CTA	90,849	85,743	1	0	0	0
O H Hutchings	Ohio	2848	H-1	90,849	85,743	31	14	9	9
O H Hutchings	Ohio	2848	H-2	90,849	85,743	31	14	9	9
O H Hutchings	Ohio	2848	H-3	90,849	85,743	251	111	75	71
O H Hutchings	Ohio	2848	H-4	90,849	85,743	308	136	92	87
O H Hutchings	Ohio	2848	H-5	90,849	85,743	293	129	87	83
O H Hutchings	Ohio	2848	H-6	90,849	85,743	288	127	86	81
O H Hutchings	Ohio	2848	H-7	90,849	85,743	1	0	0	0
Omega JV2 Bowling Green	Ohio	7783	P001	90,849	85,743	3	1	1	1
Omega JV2 Hamilton	Ohio	7782	P001	90,849	85,743	3	1	1	1
Picway	Ohio	2843	9	90,849	85,743	897	396	268	253
R E Burger	Ohio	2864	5	90,849	85,743	41	18	12	12
R E Burger	Ohio	2864	6	90,849	85,743	39	17	12	11
R E Burger	Ohio	2864	7	90,849	85,743	1,958	865	585	552
R E Burger	Ohio	2864	8	90,849	85,743	1,916	846	572	540
Richard Gorsuch	Ohio	7253	1	90,849	85,743	876	387	262	247
Richard Gorsuch	Ohio	7253	2	90,849	85,743	908	401	271	256
Richard Gorsuch	Ohio	7253	3	90,849	85,743	853	377	255	241
Richard Gorsuch	Ohio	7253	4	90,849	85,743	842	372	252	237
Richland Peaking Station	Ohio	2880	CTG4	90,849	85,743	58	26	17	16
Richland Peaking Station	Ohio	2880	CTG5	90,849	85,743	58	26	17	16
Richland Peaking Station	Ohio	2880	CTG6	90,849	85,743	43	19	13	12
Robert P Mone	Ohio	7872	1	90,849	85,743	79	35	24	22
Robert P Mone	Ohio	7872	2	90,849	85,743	70	31	21	20
Robert P Mone	Ohio	7872	3	90,849	85,743	67	30	20	19

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Niles	Ohio	2861	1	9,084	8,095	9,083	7,043	7,630	6,620
Niles	Ohio	2861	2	8,936	5,945	6,286	4,560	7,482	6,370
Niles	Ohio	2861	CTA						
O H Hutchings	Ohio	2848	H-1	708	195	589	163	100	40
O H Hutchings	Ohio	2848	H-2	700	155	634	143	91	66
O H Hutchings	Ohio	2848	H-3	1,451	632	1,128	533	1,112	591
O H Hutchings	Ohio	2848	H-4	1,681	941	969	770	1,220	778
O H Hutchings	Ohio	2848	H-5	1,672	776	1,323	800	1,091	765
O H Hutchings	Ohio	2848	H-6	1,782	1,013	1,200	879	1,107	646
O H Hutchings	Ohio	2848	H-7						
Omega JV2 Bowling Green	Ohio	7783	P001	0	0	0	0	0	0
Omega JV2 Hamilton	Ohio	7782	P001	0	0	0	0	0	0
Picway	Ohio	2843	9	10,444	9,378	6,565	6,441	7,418	6,269
R E Burger	Ohio	2864	5	294	147	433		723	81
R E Burger	Ohio	2864	6	323	313	347		671	93
R E Burger	Ohio	2864	7	14,347	15,124	17,689	8,730	10,553	7,688
R E Burger	Ohio	2864	8	14,965	11,191	19,129	8,565	10,562	7,263
Richard Gorsuch	Ohio	7253	1	7,159	5,952	5,760	5,261	6,950	7,802
Richard Gorsuch	Ohio	7253	2	6,460	7,557	6,738	5,781	7,195	7,601
Richard Gorsuch	Ohio	7253	3	8,144	8,293	5,701	4,599	6,707	7,387
Richard Gorsuch	Ohio	7253	4	7,449	7,862	5,413	4,841	6,505	7,773
Richland Peaking Station	Ohio	2880	CTG4	0	0	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG5	0	0	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG6	0	0	0	0	0	0
Robert P Mone	Ohio	7872	1	0	0	0	0	0	0
Robert P Mone	Ohio	7872	2	0	0	0	0	0	0
Robert P Mone	Ohio	7872	3	0	0	0	0	0	0

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Niles	Ohio	2861	1	6,269	5,490	9,084			
Niles	Ohio	2861	2	663	5,740	8,936			
Niles	Ohio	2861	CTA	0	1	1			
O H Hutchings	Ohio	2848	H-1	29	33	708			
O H Hutchings	Ohio	2848	H-2	23	42	700			
O H Hutchings	Ohio	2848	H-3	129	375	1,451			
O H Hutchings	Ohio	2848	H-4	328	158	1,681			
O H Hutchings	Ohio	2848	H-5	176	437	1,672			
O H Hutchings	Ohio	2848	H-6	111	360	1,782			
O H Hutchings	Ohio	2848	H-7	0	0	0			
Omega JV2 Bowling Green	Ohio	7783	P001	0	0	0			
Omega JV2 Hamilton	Ohio	7782	P001	0	0	0			
Picway	Ohio	2843	9	2,222	1,152	10,444			
R E Burger	Ohio	2864	5		3	723			
R E Burger	Ohio	2864	6		3	671			
R E Burger	Ohio	2864	7	1,696	5,638	17,689			
R E Burger	Ohio	2864	8	4,292	7,076	19,129			
Richard Gorsuch	Ohio	7253	1	5,034	3,448	7,802		0	0
Richard Gorsuch	Ohio	7253	2	5,229	4,881	7,601		0	0
Richard Gorsuch	Ohio	7253	3	6,808	4,651	8,293		0	0
Richard Gorsuch	Ohio	7253	4	4,096	3,670	7,862		0	0
Richland Peaking Station	Ohio	2880	CTG4	0	0	0			
Richland Peaking Station	Ohio	2880	CTG5	0	0	0			
Richland Peaking Station	Ohio	2880	CTG6	0	0	0			
Robert P Mone	Ohio	7872	1	0	0	0			
Robert P Mone	Ohio	7872	2	0	0	0			
Robert P Mone	Ohio	7872	3	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Niles	Ohio	2861	1				2,772	2,951	2,700
Niles	Ohio	2861	2				3,054	1,680	1,454
Niles	Ohio	2861	CTA				1	0	1
O H Hutchings	Ohio	2848	H-1				347	108	267
O H Hutchings	Ohio	2848	H-2				350	88	289
O H Hutchings	Ohio	2848	H-3				698	322	568
O H Hutchings	Ohio	2848	H-4				832	486	514
O H Hutchings	Ohio	2848	H-5				756	389	607
O H Hutchings	Ohio	2848	H-6				791	506	544
O H Hutchings	Ohio	2848	H-7						1
Omega JV2 Bowling Green	Ohio	7783	P001				1	1	2
Omega JV2 Hamilton	Ohio	7782	P001				0	0	2
Picway	Ohio	2843	9				1,142	806	703
R E Burger	Ohio	2864	5				31	18	44
R E Burger	Ohio	2864	6				36	38	36
R E Burger	Ohio	2864	7				1,777	1,805	2,602
R E Burger	Ohio	2864	8				1,760	1,318	2,677
Richard Gorsuch	Ohio	7253	1	0	0	0	718	533	572
Richard Gorsuch	Ohio	7253	2	0	0	0	644	652	649
Richard Gorsuch	Ohio	7253	3	0	0	0	810	729	558
Richard Gorsuch	Ohio	7253	4	0	0	0	746	711	529
Richland Peaking Station	Ohio	2880	CTG4				7	6	14
Richland Peaking Station	Ohio	2880	CTG5				11	8	14
Richland Peaking Station	Ohio	2880	CTG6				17	9	15
Robert P Mone	Ohio	7872	1				8	4	8
Robert P Mone	Ohio	7872	2				5	3	7
Robert P Mone	Ohio	7872	3				5	3	8

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Niles	Ohio	2861	1	2,517	2,737	2,137	889	958	2,951
Niles	Ohio	2861	2	1,131	2,119	1,793	139	1,053	3,054
Niles	Ohio	2861	CTA	6	0		1	2	6
O H Hutchings	Ohio	2848	H-1	77	46	16	12	14	347
O H Hutchings	Ohio	2848	H-2	65	41	27	10	18	350
O H Hutchings	Ohio	2848	H-3	174	364	183	39	117	698
O H Hutchings	Ohio	2848	H-4	240	394	239	100	56	832
O H Hutchings	Ohio	2848	H-5	234	333	213	56	140	756
O H Hutchings	Ohio	2848	H-6	256	340	180	34	131	791
O H Hutchings	Ohio	2848	H-7	1	0	2	1	1	2
Omega JV2 Bowling Green	Ohio	7783	P001	1	1	1	0	1	2
Omega JV2 Hamilton	Ohio	7782	P001	1	0	1	0	1	2
Picway	Ohio	2843	9	758	1,157	1,014	359	200	1,157
R E Burger	Ohio	2864	5		88	12		0	88
R E Burger	Ohio	2864	6		82	14		0	82
R E Burger	Ohio	2864	7	1,720	1,629	1,350	248	815	2,602
R E Burger	Ohio	2864	8	1,685	1,605	1,296	658	1,046	2,677
Richard Gorsuch	Ohio	7253	1	665	844	802	439	356	844
Richard Gorsuch	Ohio	7253	2	732	875	770	427	494	875
Richard Gorsuch	Ohio	7253	3	594	824	772	566	467	824
Richard Gorsuch	Ohio	7253	4	645	810	817	367	385	817
Richland Peaking Station	Ohio	2880	CTG4	7	9	3	1	15	15
Richland Peaking Station	Ohio	2880	CTG5	7	9	3	1	15	15
Richland Peaking Station	Ohio	2880	CTG6	3	8	3	1	12	17
Robert P Mone	Ohio	7872	1	3	12	3	2	4	12
Robert P Mone	Ohio	7872	2	3	7	1	2	4	7
Robert P Mone	Ohio	7872	3	3	9	2	1	3	9

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Niles	Ohio	2861	1						
Niles	Ohio	2861	2						
Niles	Ohio	2861	CTA						
O H Hutchings	Ohio	2848	H-1						
O H Hutchings	Ohio	2848	H-2						
O H Hutchings	Ohio	2848	H-3						
O H Hutchings	Ohio	2848	H-4						
O H Hutchings	Ohio	2848	H-5						
O H Hutchings	Ohio	2848	H-6						
O H Hutchings	Ohio	2848	H-7						
Omega JV2 Bowling Green	Ohio	7783	P001						
Omega JV2 Hamilton	Ohio	7782	P001						
Picway	Ohio	2843	9						
R E Burger	Ohio	2864	5						
R E Burger	Ohio	2864	6						
R E Burger	Ohio	2864	7						
R E Burger	Ohio	2864	8						
Richard Gorsuch	Ohio	7253	1		0	0	0	0	0
Richard Gorsuch	Ohio	7253	2		0	0	0	0	0
Richard Gorsuch	Ohio	7253	3		0	0	0	0	0
Richard Gorsuch	Ohio	7253	4		0	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG4						
Richland Peaking Station	Ohio	2880	CTG5						
Richland Peaking Station	Ohio	2880	CTG6						
Robert P Mone	Ohio	7872	1						
Robert P Mone	Ohio	7872	2						
Robert P Mone	Ohio	7872	3						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Niles	Ohio	2861	1		1,430	618	618
Niles	Ohio	2861	2		996	431	431
Niles	Ohio	2861	CTA		1	0	0
O H Hutchings	Ohio	2848	H-1		34	15	15
O H Hutchings	Ohio	2848	H-2		34	15	15
O H Hutchings	Ohio	2848	H-3		268	116	116
O H Hutchings	Ohio	2848	H-4		329	142	142
O H Hutchings	Ohio	2848	H-5		313	135	135
O H Hutchings	Ohio	2848	H-6		307	133	133
O H Hutchings	Ohio	2848	H-7		0	0	0
Omega JV2 Bowling Green	Ohio	7783	P001		0	0	0
Omega JV2 Hamilton	Ohio	7782	P001		0	0	0
Picway	Ohio	2843	9		958	414	414
R E Burger	Ohio	2864	5		44	19	19
R E Burger	Ohio	2864	6		42	18	18
R E Burger	Ohio	2864	7		2,091	904	904
R E Burger	Ohio	2864	8		2,046	884	884
Richard Gorsuch	Ohio	7253	1		0	0	0
Richard Gorsuch	Ohio	7253	2		0	0	0
Richard Gorsuch	Ohio	7253	3		0	0	0
Richard Gorsuch	Ohio	7253	4		0	0	0
Richland Peaking Station	Ohio	2880	CTG4		0	0	0
Richland Peaking Station	Ohio	2880	CTG5		0	0	0
Richland Peaking Station	Ohio	2880	CTG6		0	0	0
Robert P Mone	Ohio	7872	1		0	0	0
Robert P Mone	Ohio	7872	2		0	0	0
Robert P Mone	Ohio	7872	3		0	0	0

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Niles	Ohio	2861	1	618	618		415
Niles	Ohio	2861	2	431	431		289
Niles	Ohio	2861	CTA	0	0		0
O H Hutchings	Ohio	2848	H-1	15	15		10
O H Hutchings	Ohio	2848	H-2	15	15		10
O H Hutchings	Ohio	2848	H-3	116	116		78
O H Hutchings	Ohio	2848	H-4	142	142		96
O H Hutchings	Ohio	2848	H-5	135	135		91
O H Hutchings	Ohio	2848	H-6	133	133		89
O H Hutchings	Ohio	2848	H-7	0	0		0
Omega JV2 Bowling Green	Ohio	7783	P001	0	0		1
Omega JV2 Hamilton	Ohio	7782	P001	0	0		1
Picway	Ohio	2843	9	414	414		278
R E Burger	Ohio	2864	5	19	19		13
R E Burger	Ohio	2864	6	18	18		12
R E Burger	Ohio	2864	7	904	904		607
R E Burger	Ohio	2864	8	884	884		593
Richard Gorsuch	Ohio	7253	1	0	0		0
Richard Gorsuch	Ohio	7253	2	0	0		0
Richard Gorsuch	Ohio	7253	3	0	0		0
Richard Gorsuch	Ohio	7253	4	0	0		0
Richland Peaking Station	Ohio	2880	CTG4	0	0		15
Richland Peaking Station	Ohio	2880	CTG5	0	0		15
Richland Peaking Station	Ohio	2880	CTG6	0	0		13
Robert P Mone	Ohio	7872	1	0	0		12
Robert P Mone	Ohio	7872	2	0	0		7
Robert P Mone	Ohio	7872	3	0	0		9

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Niles	Ohio	2861	1	391	391	391	391
Niles	Ohio	2861	2	273	273	273	273
Niles	Ohio	2861	CTA	0	0	0	0
O H Hutchings	Ohio	2848	H-1	9	9	9	9
O H Hutchings	Ohio	2848	H-2	9	9	9	9
O H Hutchings	Ohio	2848	H-3	73	73	73	73
O H Hutchings	Ohio	2848	H-4	90	90	90	90
O H Hutchings	Ohio	2848	H-5	86	86	86	86
O H Hutchings	Ohio	2848	H-6	84	84	84	84
O H Hutchings	Ohio	2848	H-7	0	0	0	0
Omega JV2 Bowling Green	Ohio	7783	P001	1	1	1	1
Omega JV2 Hamilton	Ohio	7782	P001	1	1	1	1
Picway	Ohio	2843	9	262	262	262	262
R E Burger	Ohio	2864	5	12	12	12	12
R E Burger	Ohio	2864	6	12	12	12	12
R E Burger	Ohio	2864	7	572	572	572	572
R E Burger	Ohio	2864	8	560	560	560	560
Richard Gorsuch	Ohio	7253	1	0	0	0	0
Richard Gorsuch	Ohio	7253	2	0	0	0	0
Richard Gorsuch	Ohio	7253	3	0	0	0	0
Richard Gorsuch	Ohio	7253	4	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG4	15	15	15	15
Richland Peaking Station	Ohio	2880	CTG5	15	15	15	15
Richland Peaking Station	Ohio	2880	CTG6	13	13	13	13
Robert P Mone	Ohio	7872	1	12	12	12	12
Robert P Mone	Ohio	7872	2	7	7	7	7
Robert P Mone	Ohio	7872	3	9	9	9	9

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Niles	Ohio	2861	1	2,740,413	3,116,721	1,341,062	1,186,155	942,847	2,399,399
Niles	Ohio	2861	2	1,752,958	2,478,359	1,657,528	8,962	1,348,319	1,962,948
Niles	Ohio	2861	CTA	9,552	364		610	2,995	4,386
O H Hutchings	Ohio	2848	H-1	103,026	20,913	22,976	31,966	8,435	52,656
O H Hutchings	Ohio	2848	H-2	102,904	60,057	73,599	30,852	26,986	78,853
O H Hutchings	Ohio	2848	H-3	276,980	877,417	292,678	41,347	428,526	532,874
O H Hutchings	Ohio	2848	H-4	628,155	770,473	428,883	84,876	13,311	609,170
O H Hutchings	Ohio	2848	H-5	700,476	889,232	336,773	72,203	404,491	664,733
O H Hutchings	Ohio	2848	H-6	695,264	867,132	200,869	64,865	336,138	632,844
O H Hutchings	Ohio	2848	H-7	2,132	1,256	5,870	1,384	2,807	3,603
Omega JV2 Bowling Green	Ohio	7783	P001	19,025	8,783	8,231	972	12,138	13,315
Omega JV2 Hamilton	Ohio	7782	P001	16,672	6,376	7,290	4,257	13,148	12,370
Picway	Ohio	2843	9	1,538,382	2,222,122	1,763,790	1,171,539	679,480	1,841,431
R E Burger	Ohio	2864	5		433,559	67,709		2,483	167,917
R E Burger	Ohio	2864	6		422,640	79,187		2,240	168,022
R E Burger	Ohio	2864	7	3,930,886	4,144,198	3,524,443	128,378	2,506,590	3,866,509
R E Burger	Ohio	2864	8	3,977,170	4,325,923	3,590,122	1,610,074	3,166,266	3,964,405
Richard Gorsuch	Ohio	7253	1	1,545,156	1,961,328	1,964,544	1,291,500	1,148,036	1,823,676
Richard Gorsuch	Ohio	7253	2	1,542,018	2,031,481	2,036,538	1,118,198	1,383,285	1,870,012
Richard Gorsuch	Ohio	7253	3	1,549,386	1,824,283	1,780,437	1,348,517	1,676,974	1,760,565
Richard Gorsuch	Ohio	7253	4	1,461,533	1,643,846	1,794,363	970,028	1,303,985	1,633,247
Richland Peaking Station	Ohio	2880	CTG4	190,854	227,657	72,492	28,985	355,962	258,158
Richland Peaking Station	Ohio	2880	CTG5	166,626	217,293	70,591	22,628	379,965	254,628
Richland Peaking Station	Ohio	2880	CTG6	78,453	202,535	68,371	16,961	311,854	197,614
Robert P Mone	Ohio	7872	1	210,712	412,651	107,381	18,661	173,988	265,784
Robert P Mone	Ohio	7872	2	175,223	387,151	62,984	21,899	155,124	239,166
Robert P Mone	Ohio	7872	3	166,486	393,575	93,513	16,402	110,233	223,431

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Niles	Ohio	2861	1	616,903,319	0.003889	39,262	37,036	153	144
Niles	Ohio	2861	2	616,903,319	0.003182	39,262	37,036	125	118
Niles	Ohio	2861	CTA	616,903,319	0.000007	39,262	37,036	0	0
O H Hutchings	Ohio	2848	H-1	616,903,319	0.000085	39,262	37,036	3	3
O H Hutchings	Ohio	2848	H-2	616,903,319	0.000128	39,262	37,036	5	5
O H Hutchings	Ohio	2848	H-3	616,903,319	0.000864	39,262	37,036	34	32
O H Hutchings	Ohio	2848	H-4	616,903,319	0.000987	39,262	37,036	39	37
O H Hutchings	Ohio	2848	H-5	616,903,319	0.001078	39,262	37,036	42	40
O H Hutchings	Ohio	2848	H-6	616,903,319	0.001026	39,262	37,036	40	38
O H Hutchings	Ohio	2848	H-7	616,903,319	0.000006	39,262	37,036	0	0
Omega JV2 Bowling Green	Ohio	7783	P001	616,903,319	0.000022	39,262	37,036	1	1
Omega JV2 Hamilton	Ohio	7782	P001	616,903,319	0.000020	39,262	37,036	1	1
Picway	Ohio	2843	9	616,903,319	0.002985	39,262	37,036	117	111
R E Burger	Ohio	2864	5	616,903,319	0.000272	39,262	37,036	11	10
R E Burger	Ohio	2864	6	616,903,319	0.000272	39,262	37,036	11	10
R E Burger	Ohio	2864	7	616,903,319	0.006268	39,262	37,036	246	232
R E Burger	Ohio	2864	8	616,903,319	0.006426	39,262	37,036	252	238
Richard Gorsuch	Ohio	7253	1	616,903,319	0.002956	39,262	37,036	116	109
Richard Gorsuch	Ohio	7253	2	616,903,319	0.003031	39,262	37,036	119	112
Richard Gorsuch	Ohio	7253	3	616,903,319	0.002854	39,262	37,036	112	106
Richard Gorsuch	Ohio	7253	4	616,903,319	0.002647	39,262	37,036	104	98
Richland Peaking Station	Ohio	2880	CTG4	616,903,319	0.000418	39,262	37,036	16	15
Richland Peaking Station	Ohio	2880	CTG5	616,903,319	0.000413	39,262	37,036	16	15
Richland Peaking Station	Ohio	2880	CTG6	616,903,319	0.000320	39,262	37,036	13	12
Robert P Mone	Ohio	7872	1	616,903,319	0.000431	39,262	37,036	17	16
Robert P Mone	Ohio	7872	2	616,903,319	0.000388	39,262	37,036	15	14
Robert P Mone	Ohio	7872	3	616,903,319	0.000362	39,262	37,036	14	13

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Niles	Ohio	2861	1	1,428	941	674	789	1,057	458
Niles	Ohio	2861	2	1,373	628	384	500	813	555
Niles	Ohio	2861	CTA	1	0	1	6	0	
O H Hutchings	Ohio	2848	H-1	117	24	119	32	5	6
O H Hutchings	Ohio	2848	H-2	133	24	140	32	16	19
O H Hutchings	Ohio	2848	H-3	217	60	242	50	168	50
O H Hutchings	Ohio	2848	H-4	278	155	256	122	143	72
O H Hutchings	Ohio	2848	H-5	266	94	217	123	152	54
O H Hutchings	Ohio	2848	H-6	284	122	217	122	154	33
O H Hutchings	Ohio	2848	H-7			1	1	0	2
Omega JV2 Bowling Green	Ohio	7783	P001	0	1	1	1	1	1
Omega JV2 Hamilton	Ohio	7782	P001	0	0	2	1	0	1
Picway	Ohio	2843	9	444	240	286	336	519	432
R E Burger	Ohio	2864	5	31	18	44		73	11
R E Burger	Ohio	2864	6	35	38	36		72	14
R E Burger	Ohio	2864	7	822	569	780	618	665	541
R E Burger	Ohio	2864	8	576	570	916	624	692	549
Richard Gorsuch	Ohio	7253	1	300	216	237	267	331	361
Richard Gorsuch	Ohio	7253	2	272	288	257	264	340	373
Richard Gorsuch	Ohio	7253	3	292	268	204	270	306	326
Richard Gorsuch	Ohio	7253	4	303	241	210	264	278	332
Richland Peaking Station	Ohio	2880	CTG4	7	6	13	7	9	3
Richland Peaking Station	Ohio	2880	CTG5	10	7	13	6	8	3
Richland Peaking Station	Ohio	2880	CTG6	10	7	14	3	8	3
Robert P Mone	Ohio	7872	1	2	1	3	3	5	2
Robert P Mone	Ohio	7872	2	2	1	3	2	4	1
Robert P Mone	Ohio	7872	3	2	1	4	2	5	1

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Niles	Ohio	2861	1	299	396	1,428			
Niles	Ohio	2861	2	4	545	1,373			
Niles	Ohio	2861	CTA	0	2	6			
O H Hutchings	Ohio	2848	H-1	8	2	119			
O H Hutchings	Ohio	2848	H-2	9	5	140			
O H Hutchings	Ohio	2848	H-3	7	72	242			
O H Hutchings	Ohio	2848	H-4	14	2	278			
O H Hutchings	Ohio	2848	H-5	13	73	266			
O H Hutchings	Ohio	2848	H-6	12	66	284			
O H Hutchings	Ohio	2848	H-7	0	1	2			
Omega JV2 Bowling Green	Ohio	7783	P001	0	1	1			
Omega JV2 Hamilton	Ohio	7782	P001	0	1	2			
Picway	Ohio	2843	9	292	166	519			
R E Burger	Ohio	2864	5		0	73			
R E Burger	Ohio	2864	6		0	72			
R E Burger	Ohio	2864	7	17	373	822			
R E Burger	Ohio	2864	8	202	451	916			
Richard Gorsuch	Ohio	7253	1	209	201	361		0	0
Richard Gorsuch	Ohio	7253	2	178	239	373		0	0
Richard Gorsuch	Ohio	7253	3	215	283	326		0	0
Richard Gorsuch	Ohio	7253	4	163	230	332		0	0
Richland Peaking Station	Ohio	2880	CTG4	1	14	14			
Richland Peaking Station	Ohio	2880	CTG5	1	14	14			
Richland Peaking Station	Ohio	2880	CTG6	1	12	14			
Robert P Mone	Ohio	7872	1	1	3	5			
Robert P Mone	Ohio	7872	2	1	3	4			
Robert P Mone	Ohio	7872	3	0	2	5			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Niles	Ohio	2861	1					163
Niles	Ohio	2861	2					134
Niles	Ohio	2861	CTA					0
O H Hutchings	Ohio	2848	H-1					4
O H Hutchings	Ohio	2848	H-2					5
O H Hutchings	Ohio	2848	H-3					36
O H Hutchings	Ohio	2848	H-4					41
O H Hutchings	Ohio	2848	H-5					45
O H Hutchings	Ohio	2848	H-6					43
O H Hutchings	Ohio	2848	H-7					0
Omega JV2 Bowling Green	Ohio	7783	P001					1
Omega JV2 Hamilton	Ohio	7782	P001					1
Picway	Ohio	2843	9					125
R E Burger	Ohio	2864	5					11
R E Burger	Ohio	2864	6					11
R E Burger	Ohio	2864	7					263
R E Burger	Ohio	2864	8					270
Richard Gorsuch	Ohio	7253	1	0	0	0		0
Richard Gorsuch	Ohio	7253	2	0	0	0		0
Richard Gorsuch	Ohio	7253	3	0	0	0		0
Richard Gorsuch	Ohio	7253	4	0	0	0		0
Richland Peaking Station	Ohio	2880	CTG4					14
Richland Peaking Station	Ohio	2880	CTG5					14
Richland Peaking Station	Ohio	2880	CTG6					13
Robert P Mone	Ohio	7872	1					5
Robert P Mone	Ohio	7872	2					4
Robert P Mone	Ohio	7872	3					5

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Niles	Ohio	2861	1	153	153	153	153	Y
Niles	Ohio	2861	2	125	125	125	125	Y
Niles	Ohio	2861	CTA	0	0	0	0	Y
O H Hutchings	Ohio	2848	H-1	3	3	3	3	Y
O H Hutchings	Ohio	2848	H-2	5	5	5	5	Y
O H Hutchings	Ohio	2848	H-3	34	34	34	34	Y
O H Hutchings	Ohio	2848	H-4	39	39	39	39	Y
O H Hutchings	Ohio	2848	H-5	42	42	42	42	Y
O H Hutchings	Ohio	2848	H-6	40	40	40	40	Y
O H Hutchings	Ohio	2848	H-7	0	0	0	0	Y
Omega JV2 Bowling Green	Ohio	7783	P001	1	1	1	1	Y
Omega JV2 Hamilton	Ohio	7782	P001	1	1	1	1	Y
Picway	Ohio	2843	9	117	117	117	117	Y
R E Burger	Ohio	2864	5	11	11	11	11	Y
R E Burger	Ohio	2864	6	11	11	11	11	Y
R E Burger	Ohio	2864	7	246	246	246	246	Y
R E Burger	Ohio	2864	8	252	252	252	252	Y
Richard Gorsuch	Ohio	7253	1	0	0	0	0	Y
Richard Gorsuch	Ohio	7253	2	0	0	0	0	Y
Richard Gorsuch	Ohio	7253	3	0	0	0	0	Y
Richard Gorsuch	Ohio	7253	4	0	0	0	0	Y
Richland Peaking Station	Ohio	2880	CTG4	14	14	14	14	Y
Richland Peaking Station	Ohio	2880	CTG5	14	14	14	14	Y
Richland Peaking Station	Ohio	2880	CTG6	13	13	13	13	Y
Robert P Mone	Ohio	7872	1	5	5	5	5	Y
Robert P Mone	Ohio	7872	2	4	4	4	4	Y
Robert P Mone	Ohio	7872	3	5	5	5	5	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Niles	Ohio	2861	1	Y		Y		
Niles	Ohio	2861	2	Y		Y		
Niles	Ohio	2861	CTA	Y		Y		
O H Hutchings	Ohio	2848	H-1	Y		Y		
O H Hutchings	Ohio	2848	H-2	Y		Y		
O H Hutchings	Ohio	2848	H-3	Y		Y		
O H Hutchings	Ohio	2848	H-4	Y		Y		
O H Hutchings	Ohio	2848	H-5	Y		Y		
O H Hutchings	Ohio	2848	H-6	Y		Y		
O H Hutchings	Ohio	2848	H-7	Y		Y		
Omega JV2 Bowling Green	Ohio	7783	P001	Y		Y		
Omega JV2 Hamilton	Ohio	7782	P001	Y		Y		
Picway	Ohio	2843	9	Y		Y		
R E Burger	Ohio	2864	5	Y		Y		
R E Burger	Ohio	2864	6	Y		Y		
R E Burger	Ohio	2864	7	Y		Y		
R E Burger	Ohio	2864	8	Y		Y		
Richard Gorsuch	Ohio	7253	1	Y		Y		
Richard Gorsuch	Ohio	7253	2	Y		Y		
Richard Gorsuch	Ohio	7253	3	Y		Y		
Richard Gorsuch	Ohio	7253	4	Y		Y		
Richland Peaking Station	Ohio	2880	CTG4	Y		Y		
Richland Peaking Station	Ohio	2880	CTG5	Y		Y		
Richland Peaking Station	Ohio	2880	CTG6	Y		Y		
Robert P Mone	Ohio	7872	1	Y		Y		
Robert P Mone	Ohio	7872	2	Y		Y		
Robert P Mone	Ohio	7872	3	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Rolling Hills Generating LLC	Ohio	55401	CT-1	4669	25,173	95,815	119,603	20,328	103,265
Rolling Hills Generating LLC	Ohio	55401	CT-2	4670	44,136	47,823	144,414	37,276	90,385
Rolling Hills Generating LLC	Ohio	55401	CT-3	4671	47,343	91,141	125,431	39,009	59,549
Rolling Hills Generating LLC	Ohio	55401	CT-4	4672	34,238	75,116	95,364	12,793	130,438
Rolling Hills Generating LLC	Ohio	55401	CT-5	4673	34,540	81,336	98,282	44,561	75,050
Tait Electric Generating Station	Ohio	55248	CT4	4319	48,921	207,401	108,201	129,833	207,750
Tait Electric Generating Station	Ohio	55248	CT5	4320	41,998	215,375	118,337	145,266	209,247
Tait Electric Generating Station	Ohio	55248	CT6	4321	45,799	221,358	111,996	140,352	195,350
Tait Electric Generating Station	Ohio	55248	CT7	4322	46,134	224,027	116,121	140,619	209,411
Troy Energy, LLC	Ohio	55348	1	4535	102,603	228,923	61,691	42,374	474,422
Troy Energy, LLC	Ohio	55348	2	4536	151,319	243,232	111,834	132,985	497,957
Troy Energy, LLC	Ohio	55348	3	4537	178,866	282,224	83,361	87,084	434,363
Troy Energy, LLC	Ohio	55348	4	4538	106,574	166,007	20,717	77,228	498,160
W H Sammis	Ohio	2866	1	1956	12,507,034	11,948,166	12,149,008	5,213,989	10,924,179
W H Sammis	Ohio	2866	2	1957	11,855,430	12,954,795	11,845,229	3,538,870	11,171,073
W H Sammis	Ohio	2866	3	1958	11,170,922	12,585,038	10,018,655	3,833,605	9,733,507
W H Sammis	Ohio	2866	4	1959	10,549,109	11,547,904	8,350,278	4,940,269	9,669,509
W H Sammis	Ohio	2866	5	1960	18,902,199	21,087,799	17,737,973	9,809,041	16,659,539
W H Sammis	Ohio	2866	6	1961	43,024,605	45,330,022	39,746,359	21,171,994	33,014,944
W H Sammis	Ohio	2866	7	1962	45,614,013	37,346,425	42,459,824	36,317,643	32,809,432
W H Zimmer Generating Station	Ohio	6019	1	2683	83,026,148	71,436,434	87,821,760	67,129,963	88,409,027
Walter C Beckjord Generating Station	Ohio	2830	1	1886	4,338,686	5,388,809	3,279,521	2,945,911	
Walter C Beckjord Generating Station	Ohio	2830	2	1887	4,571,091	5,331,598	2,305,536	3,464,573	
Walter C Beckjord Generating Station	Ohio	2830	3	1888	7,188,536	7,802,568	4,775,948	4,538,177	
Walter C Beckjord Generating Station	Ohio	2830	4	1889	9,756,340	9,050,609	6,854,123	9,342,949	6,104,082
Walter C Beckjord Generating Station	Ohio	2830	5	1890	11,717,459	10,455,421	6,421,983	8,863,671	11,876,830
Walter C Beckjord Generating Station	Ohio	2830	6	1891	24,660,801	26,568,786	12,273,148	23,873,641	23,822,942

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Rolling Hills Generating LLC	Ohio	55401	CT-1	106,228	1,419,359,736	0.000075	304,025	134,335
Rolling Hills Generating LLC	Ohio	55401	CT-2	94,207	1,419,359,736	0.000066	304,025	134,335
Rolling Hills Generating LLC	Ohio	55401	CT-3	92,040	1,419,359,736	0.000065	304,025	134,335
Rolling Hills Generating LLC	Ohio	55401	CT-4	100,306	1,419,359,736	0.000071	304,025	134,335
Rolling Hills Generating LLC	Ohio	55401	CT-5	84,889	1,419,359,736	0.000060	304,025	134,335
Tait Electric Generating Station	Ohio	55248	CT4	181,662	1,419,359,736	0.000128	304,025	134,335
Tait Electric Generating Station	Ohio	55248	CT5	189,962	1,419,359,736	0.000134	304,025	134,335
Tait Electric Generating Station	Ohio	55248	CT6	185,687	1,419,359,736	0.000131	304,025	134,335
Tait Electric Generating Station	Ohio	55248	CT7	191,352	1,419,359,736	0.000135	304,025	134,335
Troy Energy, LLC	Ohio	55348	1	268,649	1,419,359,736	0.000189	304,025	134,335
Troy Energy, LLC	Ohio	55348	2	297,503	1,419,359,736	0.000210	304,025	134,335
Troy Energy, LLC	Ohio	55348	3	298,484	1,419,359,736	0.000210	304,025	134,335
Troy Energy, LLC	Ohio	55348	4	256,914	1,419,359,736	0.000181	304,025	134,335
W H Sammis	Ohio	2866	1	12,201,403	1,419,359,736	0.008596	304,025	134,335
W H Sammis	Ohio	2866	2	12,218,485	1,419,359,736	0.008608	304,025	134,335
W H Sammis	Ohio	2866	3	11,258,205	1,419,359,736	0.007932	304,025	134,335
W H Sammis	Ohio	2866	4	10,588,841	1,419,359,736	0.007460	304,025	134,335
W H Sammis	Ohio	2866	5	19,242,657	1,419,359,736	0.013557	304,025	134,335
W H Sammis	Ohio	2866	6	42,700,328	1,419,359,736	0.030084	304,025	134,335
W H Sammis	Ohio	2866	7	41,806,754	1,419,359,736	0.029455	304,025	134,335
W H Zimmer Generating Station	Ohio	6019	1	86,418,978	1,419,359,736	0.060886	304,025	134,335
Walter C Beckjord Generating Station	Ohio	2830	1	4,335,672	1,419,359,736	0.003055	304,025	134,335
Walter C Beckjord Generating Station	Ohio	2830	2	4,455,754	1,419,359,736	0.003139	304,025	134,335
Walter C Beckjord Generating Station	Ohio	2830	3	6,589,017	1,419,359,736	0.004642	304,025	134,335
Walter C Beckjord Generating Station	Ohio	2830	4	9,383,300	1,419,359,736	0.006611	304,025	134,335
Walter C Beckjord Generating Station	Ohio	2830	5	11,349,903	1,419,359,736	0.007996	304,025	134,335
Walter C Beckjord Generating Station	Ohio	2830	6	25,034,409	1,419,359,736	0.017638	304,025	134,335

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Rolling Hills Generating LLC	Ohio	55401	CT-1	90,849	85,743	23	10	7	6
Rolling Hills Generating LLC	Ohio	55401	CT-2	90,849	85,743	20	9	6	6
Rolling Hills Generating LLC	Ohio	55401	CT-3	90,849	85,743	20	9	6	6
Rolling Hills Generating LLC	Ohio	55401	CT-4	90,849	85,743	21	9	6	6
Rolling Hills Generating LLC	Ohio	55401	CT-5	90,849	85,743	18	8	5	5
Tait Electric Generating Station	Ohio	55248	CT4	90,849	85,743	39	17	12	11
Tait Electric Generating Station	Ohio	55248	CT5	90,849	85,743	41	18	12	11
Tait Electric Generating Station	Ohio	55248	CT6	90,849	85,743	40	18	12	11
Tait Electric Generating Station	Ohio	55248	CT7	90,849	85,743	41	18	12	12
Troy Energy, LLC	Ohio	55348	1	90,849	85,743	58	25	17	16
Troy Energy, LLC	Ohio	55348	2	90,849	85,743	64	28	19	18
Troy Energy, LLC	Ohio	55348	3	90,849	85,743	64	28	19	18
Troy Energy, LLC	Ohio	55348	4	90,849	85,743	55	24	16	16
W H Sammis	Ohio	2866	1	90,849	85,743	2,614	1,155	781	737
W H Sammis	Ohio	2866	2	90,849	85,743	2,617	1,156	782	738
W H Sammis	Ohio	2866	3	90,849	85,743	2,411	1,066	721	680
W H Sammis	Ohio	2866	4	90,849	85,743	2,268	1,002	678	640
W H Sammis	Ohio	2866	5	90,849	85,743	4,122	1,821	1,232	1,162
W H Sammis	Ohio	2866	6	90,849	85,743	9,146	4,041	2,733	2,580
W H Sammis	Ohio	2866	7	90,849	85,743	8,955	3,957	2,676	2,526
W H Zimmer Generating Station	Ohio	6019	1	90,849	85,743	18,511	8,179	5,531	5,221
Walter C Beckjord Generating Station	Ohio	2830	1	90,849	85,743	929	410	278	262
Walter C Beckjord Generating Station	Ohio	2830	2	90,849	85,743	954	422	285	269
Walter C Beckjord Generating Station	Ohio	2830	3	90,849	85,743	1,411	624	422	398
Walter C Beckjord Generating Station	Ohio	2830	4	90,849	85,743	2,010	888	601	567
Walter C Beckjord Generating Station	Ohio	2830	5	90,849	85,743	2,431	1,074	726	686
Walter C Beckjord Generating Station	Ohio	2830	6	90,849	85,743	5,362	2,369	1,602	1,512

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Rolling Hills Generating LLC	Ohio	55401	CT-1	0		0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-2	0	0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-3	0	0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-4	0		0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-5	0	0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT4	0	0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT5	0	0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT6	0	0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT7	0	0	0	0	0	0
Troy Energy, LLC	Ohio	55348	1	0	1	3	1	1	0
Troy Energy, LLC	Ohio	55348	2	0	0	1	0	0	0
Troy Energy, LLC	Ohio	55348	3	1	1	1	0	1	0
Troy Energy, LLC	Ohio	55348	4	0	1	2	1	0	0
W H Sammis	Ohio	2866	1	14,724	9,357	8,907	6,679	6,984	8,278
W H Sammis	Ohio	2866	2	14,699	10,675	9,030	6,339	8,080	8,053
W H Sammis	Ohio	2866	3	13,717	6,991	6,449	5,956	7,981	7,029
W H Sammis	Ohio	2866	4	9,853	8,895	7,088	5,629	7,300	5,836
W H Sammis	Ohio	2866	5	22,337	14,246	13,520	10,021	13,736	12,209
W H Sammis	Ohio	2866	6	44,224	38,786	28,010	26,028	31,453	31,584
W H Sammis	Ohio	2866	7	44,845	38,164	33,561	25,739	26,253	29,631
W H Zimmer Generating Station	Ohio	6019	1	22,918	21,638	22,380	22,054	16,776	15,962
Walter C Beckjord Generating Station	Ohio	2830	1	3,857	3,446	4,200	3,361	4,274	2,432
Walter C Beckjord Generating Station	Ohio	2830	2	3,860	3,636	3,974	3,289	4,138	1,738
Walter C Beckjord Generating Station	Ohio	2830	3	6,465	5,787	6,056	5,349	6,089	3,554
Walter C Beckjord Generating Station	Ohio	2830	4	6,952	6,087	7,641	7,300	6,997	4,986
Walter C Beckjord Generating Station	Ohio	2830	5	15,061	18,363	15,054	13,841	9,180	4,713
Walter C Beckjord Generating Station	Ohio	2830	6	28,676	36,998	30,020	29,487	24,230	8,978

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation							Highest value of columns V - AC			
Rolling Hills Generating LLC	Ohio	55401	CT-1	0	0	0				
Rolling Hills Generating LLC	Ohio	55401	CT-2	0	0	0				
Rolling Hills Generating LLC	Ohio	55401	CT-3	0	0	0				
Rolling Hills Generating LLC	Ohio	55401	CT-4	0	0	0				
Rolling Hills Generating LLC	Ohio	55401	CT-5	0	0	0				
Tait Electric Generating Station	Ohio	55248	CT4	0	0	0				
Tait Electric Generating Station	Ohio	55248	CT5	0	0	0				
Tait Electric Generating Station	Ohio	55248	CT6	0	0	0				
Tait Electric Generating Station	Ohio	55248	CT7	0	0	0				
Troy Energy, LLC	Ohio	55348	1	0	0	3				
Troy Energy, LLC	Ohio	55348	2	0	0	1				
Troy Energy, LLC	Ohio	55348	3	0	0	1				
Troy Energy, LLC	Ohio	55348	4	0	0	2				
W H Sammis	Ohio	2866	1	3,262	1,762	14,724				
W H Sammis	Ohio	2866	2	2,343	2,147	14,699				
W H Sammis	Ohio	2866	3	2,129	1,079	13,717				
W H Sammis	Ohio	2866	4	3,628	447	9,853				
W H Sammis	Ohio	2866	5	6,695	947	22,337				
W H Sammis	Ohio	2866	6	19,404	975	44,224				
W H Sammis	Ohio	2866	7	36,153	5,404	44,845				
W H Zimmer Generating Station	Ohio	6019	1	14,285	19,388	22,918				
Walter C Beckjord Generating Station	Ohio	2830	1	2,098		4,274				
Walter C Beckjord Generating Station	Ohio	2830	2	2,527		4,138				
Walter C Beckjord Generating Station	Ohio	2830	3	3,347		6,465				
Walter C Beckjord Generating Station	Ohio	2830	4	6,756	4,492	7,641				
Walter C Beckjord Generating Station	Ohio	2830	5	7,567	17,719	18,363				
Walter C Beckjord Generating Station	Ohio	2830	6	19,669	46,945	46,945				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Rolling Hills Generating LLC	Ohio	55401	CT-1				1	0	2
Rolling Hills Generating LLC	Ohio	55401	CT-2				1	1	1
Rolling Hills Generating LLC	Ohio	55401	CT-3				3	0	1
Rolling Hills Generating LLC	Ohio	55401	CT-4				0	0	1
Rolling Hills Generating LLC	Ohio	55401	CT-5				0	0	2
Tait Electric Generating Station	Ohio	55248	CT4				1	0	1
Tait Electric Generating Station	Ohio	55248	CT5				1	0	1
Tait Electric Generating Station	Ohio	55248	CT6				1	1	1
Tait Electric Generating Station	Ohio	55248	CT7				1	0	1
Troy Energy, LLC	Ohio	55348	1				3	2	13
Troy Energy, LLC	Ohio	55348	2				3	0	9
Troy Energy, LLC	Ohio	55348	3				4	3	11
Troy Energy, LLC	Ohio	55348	4				2	2	8
W H Sammis	Ohio	2866	1				3,404	1,914	1,799
W H Sammis	Ohio	2866	2				3,252	2,139	1,818
W H Sammis	Ohio	2866	3				6,025	2,791	2,353
W H Sammis	Ohio	2866	4				3,104	3,010	2,441
W H Sammis	Ohio	2866	5				5,342	3,334	3,098
W H Sammis	Ohio	2866	6				10,879	8,608	5,738
W H Sammis	Ohio	2866	7				8,363	7,830	7,908
W H Zimmer Generating Station	Ohio	6019	1				20,174	14,693	15,153
Walter C Beckjord Generating Station	Ohio	2830	1				1,598	1,460	1,688
Walter C Beckjord Generating Station	Ohio	2830	2				1,572	1,661	1,766
Walter C Beckjord Generating Station	Ohio	2830	3				4,059	2,320	1,758
Walter C Beckjord Generating Station	Ohio	2830	4				2,862	2,293	1,868
Walter C Beckjord Generating Station	Ohio	2830	5				2,821	2,920	2,275
Walter C Beckjord Generating Station	Ohio	2830	6				3,816	4,260	3,658

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Rolling Hills Generating LLC	Ohio	55401	CT-1	1	2	3	2	2	3
Rolling Hills Generating LLC	Ohio	55401	CT-2	1	1	3	1	2	3
Rolling Hills Generating LLC	Ohio	55401	CT-3	1	2	3	1	2	3
Rolling Hills Generating LLC	Ohio	55401	CT-4	1	2	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-5	1	2	3	1	2	3
Tait Electric Generating Station	Ohio	55248	CT4	1	3	2	3	5	5
Tait Electric Generating Station	Ohio	55248	CT5	1	3	2	3	5	5
Tait Electric Generating Station	Ohio	55248	CT6	1	3	2	3	4	4
Tait Electric Generating Station	Ohio	55248	CT7	1	3	2	4	5	5
Troy Energy, LLC	Ohio	55348	1	3	6	1	1	7	13
Troy Energy, LLC	Ohio	55348	2	2	6	2	2	8	9
Troy Energy, LLC	Ohio	55348	3	3	8	2	2	7	11
Troy Energy, LLC	Ohio	55348	4	5	4	0	1	8	8
W H Sammis	Ohio	2866	1	1,478	1,273	1,183	551	1,254	3,404
W H Sammis	Ohio	2866	2	1,391	1,373	1,153	373	1,281	3,252
W H Sammis	Ohio	2866	3	1,166	1,342	1,020	392	1,115	6,025
W H Sammis	Ohio	2866	4	1,098	1,233	852	505	1,100	3,104
W H Sammis	Ohio	2866	5	2,453	2,719	2,285	1,276	1,535	5,342
W H Sammis	Ohio	2866	6	6,292	6,567	5,705	3,119	2,437	10,879
W H Sammis	Ohio	2866	7	6,714	5,451	6,074	5,962	2,774	8,363
W H Zimmer Generating Station	Ohio	6019	1	13,851	13,737	16,531	3,646	7,926	20,174
Walter C Beckjord Generating Station	Ohio	2830	1	1,329	1,588	1,014	932		1,688
Walter C Beckjord Generating Station	Ohio	2830	2	1,432	1,645	753	1,221		1,766
Walter C Beckjord Generating Station	Ohio	2830	3	1,765	1,972	1,151	1,017		4,059
Walter C Beckjord Generating Station	Ohio	2830	4	1,857	1,630	1,517	1,873	1,148	2,862
Walter C Beckjord Generating Station	Ohio	2830	5	2,084	1,987	1,312	1,764	2,416	2,920
Walter C Beckjord Generating Station	Ohio	2830	6	3,363	4,210	1,801	4,142	4,400	4,400

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Rolling Hills Generating LLC	Ohio	55401	CT-1						
Rolling Hills Generating LLC	Ohio	55401	CT-2						
Rolling Hills Generating LLC	Ohio	55401	CT-3						
Rolling Hills Generating LLC	Ohio	55401	CT-4						
Rolling Hills Generating LLC	Ohio	55401	CT-5						
Tait Electric Generating Station	Ohio	55248	CT4						
Tait Electric Generating Station	Ohio	55248	CT5						
Tait Electric Generating Station	Ohio	55248	CT6						
Tait Electric Generating Station	Ohio	55248	CT7						
Troy Energy, LLC	Ohio	55348	1						
Troy Energy, LLC	Ohio	55348	2						
Troy Energy, LLC	Ohio	55348	3						
Troy Energy, LLC	Ohio	55348	4						
W H Sammis	Ohio	2866	1						
W H Sammis	Ohio	2866	2						
W H Sammis	Ohio	2866	3						
W H Sammis	Ohio	2866	4						
W H Sammis	Ohio	2866	5						
W H Sammis	Ohio	2866	6						
W H Sammis	Ohio	2866	7						
W H Zimmer Generating Station	Ohio	6019	1						
Walter C Beckjord Generating Station	Ohio	2830	1						
Walter C Beckjord Generating Station	Ohio	2830	2						
Walter C Beckjord Generating Station	Ohio	2830	3						
Walter C Beckjord Generating Station	Ohio	2830	4						
Walter C Beckjord Generating Station	Ohio	2830	5						
Walter C Beckjord Generating Station	Ohio	2830	6						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Rolling Hills Generating LLC	Ohio	55401	CT-1		0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-2		0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-3		0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-4		0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-5		0	0	0
Tait Electric Generating Station	Ohio	55248	CT4		0	0	0
Tait Electric Generating Station	Ohio	55248	CT5		0	0	0
Tait Electric Generating Station	Ohio	55248	CT6		0	0	0
Tait Electric Generating Station	Ohio	55248	CT7		0	0	0
Troy Energy, LLC	Ohio	55348	1		3	3	3
Troy Energy, LLC	Ohio	55348	2		1	1	1
Troy Energy, LLC	Ohio	55348	3		1	1	1
Troy Energy, LLC	Ohio	55348	4		2	2	2
W H Sammis	Ohio	2866	1		2,791	1,207	1,207
W H Sammis	Ohio	2866	2		2,795	1,208	1,208
W H Sammis	Ohio	2866	3		2,575	1,113	1,113
W H Sammis	Ohio	2866	4		2,422	1,047	1,047
W H Sammis	Ohio	2866	5		4,402	1,903	1,903
W H Sammis	Ohio	2866	6		9,768	4,223	4,223
W H Sammis	Ohio	2866	7		9,563	4,135	4,135
W H Zimmer Generating Station	Ohio	6019	1		19,768	8,547	8,547
Walter C Beckjord Generating Station	Ohio	2830	1		992	429	429
Walter C Beckjord Generating Station	Ohio	2830	2		1,019	441	441
Walter C Beckjord Generating Station	Ohio	2830	3		1,507	652	652
Walter C Beckjord Generating Station	Ohio	2830	4		2,146	928	928
Walter C Beckjord Generating Station	Ohio	2830	5		2,596	1,123	1,123
Walter C Beckjord Generating Station	Ohio	2830	6		5,727	2,476	2,476

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Calculation							
Rolling Hills Generating LLC	Ohio	55401	CT-1	0	0		3
Rolling Hills Generating LLC	Ohio	55401	CT-2	0	0		3
Rolling Hills Generating LLC	Ohio	55401	CT-3	0	0		3
Rolling Hills Generating LLC	Ohio	55401	CT-4	0	0		3
Rolling Hills Generating LLC	Ohio	55401	CT-5	0	0		3
Tait Electric Generating Station	Ohio	55248	CT4	0	0		5
Tait Electric Generating Station	Ohio	55248	CT5	0	0		5
Tait Electric Generating Station	Ohio	55248	CT6	0	0		4
Tait Electric Generating Station	Ohio	55248	CT7	0	0		5
Troy Energy, LLC	Ohio	55348	1	3	3		13
Troy Energy, LLC	Ohio	55348	2	1	1		9
Troy Energy, LLC	Ohio	55348	3	1	1		11
Troy Energy, LLC	Ohio	55348	4	2	2		8
W H Sammis	Ohio	2866	1	1,207	1,207		809
W H Sammis	Ohio	2866	2	1,208	1,208		811
W H Sammis	Ohio	2866	3	1,113	1,113		747
W H Sammis	Ohio	2866	4	1,047	1,047		703
W H Sammis	Ohio	2866	5	1,903	1,903		1,277
W H Sammis	Ohio	2866	6	4,223	4,223		2,833
W H Sammis	Ohio	2866	7	4,135	4,135		2,774
W H Zimmer Generating Station	Ohio	6019	1	8,547	8,547		5,733
Walter C Beckjord Generating Station	Ohio	2830	1	429	429		288
Walter C Beckjord Generating Station	Ohio	2830	2	441	441		296
Walter C Beckjord Generating Station	Ohio	2830	3	652	652		437
Walter C Beckjord Generating Station	Ohio	2830	4	928	928		623
Walter C Beckjord Generating Station	Ohio	2830	5	1,123	1,123		753
Walter C Beckjord Generating Station	Ohio	2830	6	2,476	2,476		1,661

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Rolling Hills Generating LLC	Ohio	55401	CT-1	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-2	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-4	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-5	3	3	3	3
Tait Electric Generating Station	Ohio	55248	CT4	5	5	5	5
Tait Electric Generating Station	Ohio	55248	CT5	5	5	5	5
Tait Electric Generating Station	Ohio	55248	CT6	4	4	4	4
Tait Electric Generating Station	Ohio	55248	CT7	5	5	5	5
Troy Energy, LLC	Ohio	55348	1	13	13	13	13
Troy Energy, LLC	Ohio	55348	2	9	9	9	9
Troy Energy, LLC	Ohio	55348	3	11	11	11	11
Troy Energy, LLC	Ohio	55348	4	8	8	8	8
W H Sammis	Ohio	2866	1	764	764	764	764
W H Sammis	Ohio	2866	2	765	765	765	765
W H Sammis	Ohio	2866	3	705	705	705	705
W H Sammis	Ohio	2866	4	663	663	663	663
W H Sammis	Ohio	2866	5	1,204	1,204	1,204	1,204
W H Sammis	Ohio	2866	6	2,673	2,673	2,673	2,673
W H Sammis	Ohio	2866	7	2,617	2,617	2,617	2,617
W H Zimmer Generating Station	Ohio	6019	1	5,409	5,409	5,409	5,409
Walter C Beckjord Generating Station	Ohio	2830	1	271	271	271	271
Walter C Beckjord Generating Station	Ohio	2830	2	279	279	279	279
Walter C Beckjord Generating Station	Ohio	2830	3	412	412	412	412
Walter C Beckjord Generating Station	Ohio	2830	4	587	587	587	587
Walter C Beckjord Generating Station	Ohio	2830	5	710	710	710	710
Walter C Beckjord Generating Station	Ohio	2830	6	1,567	1,567	1,567	1,567

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Rolling Hills Generating LLC	Ohio	55401	CT-1	21,916	80,328	116,239	14,758	86,556	94,374
Rolling Hills Generating LLC	Ohio	55401	CT-2	40,629	44,308	141,276	21,727	74,789	86,791
Rolling Hills Generating LLC	Ohio	55401	CT-3	43,118	75,675	122,311	22,557	45,728	81,238
Rolling Hills Generating LLC	Ohio	55401	CT-4	31,134	67,679	92,321	5,938	113,933	91,311
Rolling Hills Generating LLC	Ohio	55401	CT-5	31,075	64,604	98,282	16,448	59,617	74,167
Tait Electric Generating Station	Ohio	55248	CT4	45,431	180,466	61,027	59,967	173,242	138,245
Tait Electric Generating Station	Ohio	55248	CT5	39,685	187,262	69,277	61,692	173,916	143,485
Tait Electric Generating Station	Ohio	55248	CT6	44,074	186,740	62,166	65,271	157,840	136,617
Tait Electric Generating Station	Ohio	55248	CT7	44,410	189,581	68,083	65,790	169,094	142,253
Troy Energy, LLC	Ohio	55348	1	102,603	150,254	37,575	37,137	455,640	236,166
Troy Energy, LLC	Ohio	55348	2	116,257	151,254	66,914	127,938	461,594	246,929
Troy Energy, LLC	Ohio	55348	3	137,443	157,874	55,675	68,618	411,626	235,648
Troy Energy, LLC	Ohio	55348	4	84,855	113,743	20,717	77,228	478,864	225,821
W H Sammis	Ohio	2866	1	5,328,576	5,904,077	5,105,607	1,624,467	4,935,548	5,446,087
W H Sammis	Ohio	2866	2	5,002,418	5,538,963	5,000,558	1,810,687	4,896,210	5,180,646
W H Sammis	Ohio	2866	3	4,482,377	5,129,036	4,035,684	1,324,132	4,492,239	4,701,217
W H Sammis	Ohio	2866	4	4,422,702	4,864,358	3,568,837	1,447,117	4,833,685	4,706,915
W H Sammis	Ohio	2866	5	8,237,504	8,707,906	7,232,704	4,482,254	7,679,158	8,208,189
W H Sammis	Ohio	2866	6	17,297,531	19,876,242	17,300,888	9,965,836	19,472,906	18,883,345
W H Sammis	Ohio	2866	7	18,843,212	19,560,955	18,281,172	14,187,517	18,188,587	18,895,113
W H Zimmer Generating Station	Ohio	6019	1	33,712,275	27,451,169	35,095,766	34,210,636	33,750,977	34,352,460
Walter C Beckjord Generating Station	Ohio	2830	1	1,421,551	2,355,098	1,259,240	961,812		1,678,630
Walter C Beckjord Generating Station	Ohio	2830	2	1,820,562	2,366,573	277,255	1,462,057		1,883,064
Walter C Beckjord Generating Station	Ohio	2830	3	3,117,611	3,055,524	1,437,578	1,975,301		2,716,145
Walter C Beckjord Generating Station	Ohio	2830	4	4,132,902	3,471,605	2,394,152	3,615,709	2,760,706	3,740,072
Walter C Beckjord Generating Station	Ohio	2830	5	4,960,647	4,950,531	2,745,110	4,438,678	3,946,477	4,783,285
Walter C Beckjord Generating Station	Ohio	2830	6	10,685,057	10,285,279	748,107	8,999,169	11,004,835	10,658,390

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Rolling Hills Generating LLC	Ohio	55401	CT-1	616,903,319	0.000153	39,262	37,036	6	6
Rolling Hills Generating LLC	Ohio	55401	CT-2	616,903,319	0.000141	39,262	37,036	6	5
Rolling Hills Generating LLC	Ohio	55401	CT-3	616,903,319	0.000132	39,262	37,036	5	5
Rolling Hills Generating LLC	Ohio	55401	CT-4	616,903,319	0.000148	39,262	37,036	6	5
Rolling Hills Generating LLC	Ohio	55401	CT-5	616,903,319	0.000120	39,262	37,036	5	4
Tait Electric Generating Station	Ohio	55248	CT4	616,903,319	0.000224	39,262	37,036	9	8
Tait Electric Generating Station	Ohio	55248	CT5	616,903,319	0.000233	39,262	37,036	9	9
Tait Electric Generating Station	Ohio	55248	CT6	616,903,319	0.000221	39,262	37,036	9	8
Tait Electric Generating Station	Ohio	55248	CT7	616,903,319	0.000231	39,262	37,036	9	9
Troy Energy, LLC	Ohio	55348	1	616,903,319	0.000383	39,262	37,036	15	14
Troy Energy, LLC	Ohio	55348	2	616,903,319	0.000400	39,262	37,036	16	15
Troy Energy, LLC	Ohio	55348	3	616,903,319	0.000382	39,262	37,036	15	14
Troy Energy, LLC	Ohio	55348	4	616,903,319	0.000366	39,262	37,036	14	14
W H Sammis	Ohio	2866	1	616,903,319	0.008828	39,262	37,036	347	327
W H Sammis	Ohio	2866	2	616,903,319	0.008398	39,262	37,036	330	311
W H Sammis	Ohio	2866	3	616,903,319	0.007621	39,262	37,036	299	282
W H Sammis	Ohio	2866	4	616,903,319	0.007630	39,262	37,036	300	283
W H Sammis	Ohio	2866	5	616,903,319	0.013305	39,262	37,036	522	493
W H Sammis	Ohio	2866	6	616,903,319	0.030610	39,262	37,036	1,202	1,134
W H Sammis	Ohio	2866	7	616,903,319	0.030629	39,262	37,036	1,203	1,134
W H Zimmer Generating Station	Ohio	6019	1	616,903,319	0.055685	39,262	37,036	2,186	2,062
Walter C Beckjord Generating Station	Ohio	2830	1	616,903,319	0.002721	39,262	37,036	107	101
Walter C Beckjord Generating Station	Ohio	2830	2	616,903,319	0.003052	39,262	37,036	120	113
Walter C Beckjord Generating Station	Ohio	2830	3	616,903,319	0.004403	39,262	37,036	173	163
Walter C Beckjord Generating Station	Ohio	2830	4	616,903,319	0.006063	39,262	37,036	238	225
Walter C Beckjord Generating Station	Ohio	2830	5	616,903,319	0.007754	39,262	37,036	304	287
Walter C Beckjord Generating Station	Ohio	2830	6	616,903,319	0.017277	39,262	37,036	678	640

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Rolling Hills Generating LLC	Ohio	55401	CT-1	1	0	1	0	2	3
Rolling Hills Generating LLC	Ohio	55401	CT-2	1	1	1	1	1	3
Rolling Hills Generating LLC	Ohio	55401	CT-3	2	0	1	1	2	3
Rolling Hills Generating LLC	Ohio	55401	CT-4	0	0	1	1	2	3
Rolling Hills Generating LLC	Ohio	55401	CT-5	0	0	1	1	2	3
Tait Electric Generating Station	Ohio	55248	CT4	0	0	1	1	3	1
Tait Electric Generating Station	Ohio	55248	CT5	0	0	1	1	3	1
Tait Electric Generating Station	Ohio	55248	CT6	0	0	1	1	3	1
Tait Electric Generating Station	Ohio	55248	CT7	1	0	1	1	3	1
Troy Energy, LLC	Ohio	55348	1	3	2	8	3	4	1
Troy Energy, LLC	Ohio	55348	2	2	0	6	2	3	1
Troy Energy, LLC	Ohio	55348	3	2	2	5	2	4	1
Troy Energy, LLC	Ohio	55348	4	2	2	5	4	3	0
W H Sammis	Ohio	2866	1	1,472	449	709	615	622	495
W H Sammis	Ohio	2866	2	1,332	639	737	578	584	486
W H Sammis	Ohio	2866	3	2,312	703	818	458	544	407
W H Sammis	Ohio	2866	4	1,711	855	938	451	516	361
W H Sammis	Ohio	2866	5	2,200	1,313	1,131	1,005	1,114	939
W H Sammis	Ohio	2866	6	4,382	3,211	2,231	2,488	2,847	2,499
W H Sammis	Ohio	2866	7	3,199	3,078	2,963	2,727	2,798	2,672
W H Zimmer Generating Station	Ohio	6019	1	8,725	3,109	1,174	897	998	1,239
Walter C Beckjord Generating Station	Ohio	2830	1	632	437	598	388	652	385
Walter C Beckjord Generating Station	Ohio	2830	2	553	478	611	525	702	98
Walter C Beckjord Generating Station	Ohio	2830	3	1,527	551	703	675	732	322
Walter C Beckjord Generating Station	Ohio	2830	4	998	792	777	765	584	513
Walter C Beckjord Generating Station	Ohio	2830	5	1,059	1,193	797	831	911	534
Walter C Beckjord Generating Station	Ohio	2830	6	1,321	1,272	1,337	1,284	1,308	111

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns BX - CE			
Rolling Hills Generating LLC	Ohio	55401	CT-1	2	2	3			
Rolling Hills Generating LLC	Ohio	55401	CT-2	1	2	3			
Rolling Hills Generating LLC	Ohio	55401	CT-3	1	1	3			
Rolling Hills Generating LLC	Ohio	55401	CT-4	3	3	3			
Rolling Hills Generating LLC	Ohio	55401	CT-5	0	1	3			
Tait Electric Generating Station	Ohio	55248	CT4	1	4	4			
Tait Electric Generating Station	Ohio	55248	CT5	1	4	4			
Tait Electric Generating Station	Ohio	55248	CT6	1	3	3			
Tait Electric Generating Station	Ohio	55248	CT7	2	4	4			
Troy Energy, LLC	Ohio	55348	1	1	7	8			
Troy Energy, LLC	Ohio	55348	2	2	7	7			
Troy Energy, LLC	Ohio	55348	3	1	6	6			
Troy Energy, LLC	Ohio	55348	4	1	7	7			
W H Sammis	Ohio	2866	1	176	566	1,472			
W H Sammis	Ohio	2866	2	198	563	1,332			
W H Sammis	Ohio	2866	3	140	515	2,312			
W H Sammis	Ohio	2866	4	147	552	1,711			
W H Sammis	Ohio	2866	5	605	599	2,200			
W H Sammis	Ohio	2866	6	1,585	1,459	4,382			
W H Sammis	Ohio	2866	7	2,257	1,357	3,199			
W H Zimmer Generating Station	Ohio	6019	1	1,457	3,067	8,725			
Walter C Beckjord Generating Station	Ohio	2830	1	298		652			
Walter C Beckjord Generating Station	Ohio	2830	2	514		702			
Walter C Beckjord Generating Station	Ohio	2830	3	433		1,527			
Walter C Beckjord Generating Station	Ohio	2830	4	696	502	998			
Walter C Beckjord Generating Station	Ohio	2830	5	833	788	1,193			
Walter C Beckjord Generating Station	Ohio	2830	6	1,636	2,117	2,117			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Rolling Hills Generating LLC	Ohio	55401	CT-1					3
Rolling Hills Generating LLC	Ohio	55401	CT-2					3
Rolling Hills Generating LLC	Ohio	55401	CT-3					3
Rolling Hills Generating LLC	Ohio	55401	CT-4					3
Rolling Hills Generating LLC	Ohio	55401	CT-5					3
Tait Electric Generating Station	Ohio	55248	CT4					4
Tait Electric Generating Station	Ohio	55248	CT5					4
Tait Electric Generating Station	Ohio	55248	CT6					3
Tait Electric Generating Station	Ohio	55248	CT7					4
Troy Energy, LLC	Ohio	55348	1					8
Troy Energy, LLC	Ohio	55348	2					7
Troy Energy, LLC	Ohio	55348	3					6
Troy Energy, LLC	Ohio	55348	4					7
W H Sammis	Ohio	2866	1					371
W H Sammis	Ohio	2866	2					353
W H Sammis	Ohio	2866	3					320
W H Sammis	Ohio	2866	4					320
W H Sammis	Ohio	2866	5					559
W H Sammis	Ohio	2866	6					1,286
W H Sammis	Ohio	2866	7					1,286
W H Zimmer Generating Station	Ohio	6019	1					2,339
Walter C Beckjord Generating Station	Ohio	2830	1					114
Walter C Beckjord Generating Station	Ohio	2830	2					128
Walter C Beckjord Generating Station	Ohio	2830	3					185
Walter C Beckjord Generating Station	Ohio	2830	4					255
Walter C Beckjord Generating Station	Ohio	2830	5					326
Walter C Beckjord Generating Station	Ohio	2830	6					726

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Rolling Hills Generating LLC	Ohio	55401	CT-1	3	3	3	3	Y
Rolling Hills Generating LLC	Ohio	55401	CT-2	3	3	3	3	Y
Rolling Hills Generating LLC	Ohio	55401	CT-3	3	3	3	3	Y
Rolling Hills Generating LLC	Ohio	55401	CT-4	3	3	3	3	Y
Rolling Hills Generating LLC	Ohio	55401	CT-5	3	3	3	3	Y
Tait Electric Generating Station	Ohio	55248	CT4	4	4	4	4	Y
Tait Electric Generating Station	Ohio	55248	CT5	4	4	4	4	Y
Tait Electric Generating Station	Ohio	55248	CT6	3	3	3	3	Y
Tait Electric Generating Station	Ohio	55248	CT7	4	4	4	4	Y
Troy Energy, LLC	Ohio	55348	1	8	8	8	8	Y
Troy Energy, LLC	Ohio	55348	2	7	7	7	7	Y
Troy Energy, LLC	Ohio	55348	3	6	6	6	6	Y
Troy Energy, LLC	Ohio	55348	4	7	7	7	7	Y
W H Sammis	Ohio	2866	1	347	347	347	347	Y
W H Sammis	Ohio	2866	2	330	330	330	330	Y
W H Sammis	Ohio	2866	3	299	299	299	299	Y
W H Sammis	Ohio	2866	4	300	300	300	300	Y
W H Sammis	Ohio	2866	5	522	522	522	522	Y
W H Sammis	Ohio	2866	6	1,202	1,202	1,202	1,202	Y
W H Sammis	Ohio	2866	7	1,203	1,203	1,203	1,203	Y
W H Zimmer Generating Station	Ohio	6019	1	2,187	2,187	2,187	2,187	Y
Walter C Beckjord Generating Station	Ohio	2830	1	107	107	107	107	Y
Walter C Beckjord Generating Station	Ohio	2830	2	120	120	120	120	Y
Walter C Beckjord Generating Station	Ohio	2830	3	173	173	173	173	Y
Walter C Beckjord Generating Station	Ohio	2830	4	238	238	238	238	Y
Walter C Beckjord Generating Station	Ohio	2830	5	304	304	304	304	Y
Walter C Beckjord Generating Station	Ohio	2830	6	678	678	678	678	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Rolling Hills Generating LLC	Ohio	55401	CT-1	Y		Y		
Rolling Hills Generating LLC	Ohio	55401	CT-2	Y		Y		
Rolling Hills Generating LLC	Ohio	55401	CT-3	Y		Y		
Rolling Hills Generating LLC	Ohio	55401	CT-4	Y		Y		
Rolling Hills Generating LLC	Ohio	55401	CT-5	Y		Y		
Tait Electric Generating Station	Ohio	55248	CT4	Y		Y		
Tait Electric Generating Station	Ohio	55248	CT5	Y		Y		
Tait Electric Generating Station	Ohio	55248	CT6	Y		Y		
Tait Electric Generating Station	Ohio	55248	CT7	Y		Y		
Troy Energy, LLC	Ohio	55348	1	Y		Y		
Troy Energy, LLC	Ohio	55348	2	Y		Y		
Troy Energy, LLC	Ohio	55348	3	Y		Y		
Troy Energy, LLC	Ohio	55348	4	Y		Y		
W H Sammis	Ohio	2866	1	Y		Y		
W H Sammis	Ohio	2866	2	Y		Y		
W H Sammis	Ohio	2866	3	Y		Y		
W H Sammis	Ohio	2866	4	Y		Y		
W H Sammis	Ohio	2866	5	Y		Y		
W H Sammis	Ohio	2866	6	Y		Y		
W H Sammis	Ohio	2866	7	Y		Y		
W H Zimmer Generating Station	Ohio	6019	1	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	1	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	2	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	3	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	4	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	5	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	6	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Walter C Beckjord Generating Station	Ohio	2830	CT1	10203	23,888	50,075	26,156	11,942	3,607
Walter C Beckjord Generating Station	Ohio	2830	CT2	10204	32,130	34,114	24,662	12,070	2,999
Walter C Beckjord Generating Station	Ohio	2830	CT3	10205	32,490	816	5,752	579	682
Walter C Beckjord Generating Station	Ohio	2830	CT4	10206	45,129	1,060	9,167	1,404	1,292
Waterford Plant	Ohio	55503	1	8620	929,305	1,355,926	755,541	1,457,457	2,735,463
Waterford Plant	Ohio	55503	2	8622	651,478	1,648,722	792,978	1,647,631	3,090,459
Waterford Plant	Ohio	55503	3	8624	629,111	1,519,525	655,668	1,553,037	3,206,120
West Lorain	Ohio	2869	1A	9279	55,062	38,945	1,940	1,501	33,158
West Lorain	Ohio	2869	1B	9280	55,727	40,826	2,421	3,410	36,184
West Lorain	Ohio	2869	2	8316	174,846	126,983	48,732	20,853	147,727
West Lorain	Ohio	2869	3	8318	28,539	105,031	31,266	14,793	139,620
West Lorain	Ohio	2869	4	8320	28,905	141,449	67,838	8,519	141,166
West Lorain	Ohio	2869	5	8322	152,416	217,385	44,467	16,188	150,263
West Lorain	Ohio	2869	6	8324	133,009	160,322	48,185	9,236	162,928
Woodsdale	Ohio	7158	**GT1	2973	45,678	536,367	337,088	298,098	375,577
Woodsdale	Ohio	7158	**GT2	2977	12,701	7,658	654	10,745	180,441
Woodsdale	Ohio	7158	**GT3	2978	230,178	490,478	313,705	286,125	354,063
Woodsdale	Ohio	7158	**GT4	2979	20,127	8,624	622	257,627	305,486
Woodsdale	Ohio	7158	**GT5	2980	241,664	447,549	316,887	268,723	299,587
Woodsdale	Ohio	7158	**GT6	2981	241,684	440,120	311,558	202,078	169,206
Allen	Tennessee	3393	1	2248	20,568,457	15,510,541	18,966,898	15,539,466	16,923,999
Allen	Tennessee	3393	2	2249	19,131,766	17,944,526	15,634,691	16,864,425	16,809,171
Allen	Tennessee	3393	3	2250	16,183,389	19,926,543	16,966,618	17,492,336	13,960,597
Allen	Tennessee	3393	ACT17	88158	18,639	21,080	855	1,808	17,789
Allen	Tennessee	3393	ACT18	88159	23,718	25,160	2,527	2,443	2,023
Allen	Tennessee	3393	ACT19	88160	22,543	25,105	7,682	1,896	10,671
Allen	Tennessee	3393	ACT20	88161	21,906	19,967	7,206	2,371	25,646

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Walter C Beckjord Generating Station	Ohio	2830	CT1	33,373	1,419,359,736	0.000024	304,025	134,335
Walter C Beckjord Generating Station	Ohio	2830	CT2	30,302	1,419,359,736	0.000021	304,025	134,335
Walter C Beckjord Generating Station	Ohio	2830	CT3	13,019	1,419,359,736	0.000009	304,025	134,335
Walter C Beckjord Generating Station	Ohio	2830	CT4	18,567	1,419,359,736	0.000013	304,025	134,335
Waterford Plant	Ohio	55503	1	1,849,615	1,419,359,736	0.001303	304,025	134,335
Waterford Plant	Ohio	55503	2	2,128,937	1,419,359,736	0.001500	304,025	134,335
Waterford Plant	Ohio	55503	3	2,092,894	1,419,359,736	0.001475	304,025	134,335
West Lorain	Ohio	2869	1A	42,388	1,419,359,736	0.000030	304,025	134,335
West Lorain	Ohio	2869	1B	44,245	1,419,359,736	0.000031	304,025	134,335
West Lorain	Ohio	2869	2	149,852	1,419,359,736	0.000106	304,025	134,335
West Lorain	Ohio	2869	3	91,973	1,419,359,736	0.000065	304,025	134,335
West Lorain	Ohio	2869	4	116,818	1,419,359,736	0.000082	304,025	134,335
West Lorain	Ohio	2869	5	173,355	1,419,359,736	0.000122	304,025	134,335
West Lorain	Ohio	2869	6	152,086	1,419,359,736	0.000107	304,025	134,335
Woodsdale	Ohio	7158	**GT1	416,344	1,419,359,736	0.000293	304,025	134,335
Woodsdale	Ohio	7158	**GT2	67,963	1,419,359,736	0.000048	304,025	134,335
Woodsdale	Ohio	7158	**GT3	386,082	1,419,359,736	0.000272	304,025	134,335
Woodsdale	Ohio	7158	**GT4	194,413	1,419,359,736	0.000137	304,025	134,335
Woodsdale	Ohio	7158	**GT5	354,674	1,419,359,736	0.000250	304,025	134,335
Woodsdale	Ohio	7158	**GT6	331,121	1,419,359,736	0.000233	304,025	134,335
Allen	Tennessee	3393	1	18,819,785	616,729,984	0.030515	145,187	57,656
Allen	Tennessee	3393	2	17,980,239	616,729,984	0.029154	145,187	57,656
Allen	Tennessee	3393	3	18,128,499	616,729,984	0.029395	145,187	57,656
Allen	Tennessee	3393	ACT17	19,170	616,729,984	0.000031	145,187	57,656
Allen	Tennessee	3393	ACT18	17,135	616,729,984	0.000028	145,187	57,656
Allen	Tennessee	3393	ACT19	19,440	616,729,984	0.000032	145,187	57,656
Allen	Tennessee	3393	ACT20	22,506	616,729,984	0.000036	145,187	57,656

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Walter C Beckjord Generating Station	Ohio	2830	CT1	90,849	85,743	7	3	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT2	90,849	85,743	6	3	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT3	90,849	85,743	3	1	1	1
Walter C Beckjord Generating Station	Ohio	2830	CT4	90,849	85,743	4	2	1	1
Waterford Plant	Ohio	55503	1	90,849	85,743	396	175	118	112
Waterford Plant	Ohio	55503	2	90,849	85,743	456	201	136	129
Waterford Plant	Ohio	55503	3	90,849	85,743	448	198	134	126
West Lorain	Ohio	2869	1A	90,849	85,743	9	4	3	3
West Lorain	Ohio	2869	1B	90,849	85,743	9	4	3	3
West Lorain	Ohio	2869	2	90,849	85,743	32	14	10	9
West Lorain	Ohio	2869	3	90,849	85,743	20	9	6	6
West Lorain	Ohio	2869	4	90,849	85,743	25	11	7	7
West Lorain	Ohio	2869	5	90,849	85,743	37	16	11	10
West Lorain	Ohio	2869	6	90,849	85,743	33	14	10	9
Woodsdale	Ohio	7158	**GT1	90,849	85,743	89	39	27	25
Woodsdale	Ohio	7158	**GT2	90,849	85,743	15	6	4	4
Woodsdale	Ohio	7158	**GT3	90,849	85,743	83	37	25	23
Woodsdale	Ohio	7158	**GT4	90,849	85,743	42	18	12	12
Woodsdale	Ohio	7158	**GT5	90,849	85,743	76	34	23	21
Woodsdale	Ohio	7158	**GT6	90,849	85,743	71	31	21	20
Allen	Tennessee	3393	1	34,989	18,950	4,430	1,759	1,068	578
Allen	Tennessee	3393	2	34,989	18,950	4,233	1,681	1,020	552
Allen	Tennessee	3393	3	34,989	18,950	4,268	1,695	1,028	557
Allen	Tennessee	3393	ACT17	34,989	18,950	5	2	1	1
Allen	Tennessee	3393	ACT18	34,989	18,950	4	2	1	1
Allen	Tennessee	3393	ACT19	34,989	18,950	5	2	1	1
Allen	Tennessee	3393	ACT20	34,989	18,950	5	2	1	1

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Walter C Beckjord Generating Station	Ohio	2830	CT1						
Walter C Beckjord Generating Station	Ohio	2830	CT2						
Walter C Beckjord Generating Station	Ohio	2830	CT3						
Walter C Beckjord Generating Station	Ohio	2830	CT4						
Waterford Plant	Ohio	55503	1	0	0	0	0	0	0
Waterford Plant	Ohio	55503	2	0	0	0	0	0	0
Waterford Plant	Ohio	55503	3	0	0	0	0	0	0
West Lorain	Ohio	2869	1A						
West Lorain	Ohio	2869	1B						
West Lorain	Ohio	2869	2	1	1	0	0	1	0
West Lorain	Ohio	2869	3	1	1	0	0	1	0
West Lorain	Ohio	2869	4	1	1	0	0	0	0
West Lorain	Ohio	2869	5	1	1	0	0	0	0
West Lorain	Ohio	2869	6	1	1	0	0	0	0
Woodsdale	Ohio	7158	**GT1	0	0	0	0	0	0
Woodsdale	Ohio	7158	**GT2	0	0	0	0	0	0
Woodsdale	Ohio	7158	**GT3	0	0	0	0	0	0
Woodsdale	Ohio	7158	**GT4	0	0	0	0	0	0
Woodsdale	Ohio	7158	**GT5	0	0	0	0	0	0
Woodsdale	Ohio	7158	**GT6	0	0	0	0	0	0
Allen	Tennessee	3393	1	6,153	7,918	8,136	6,172	3,837	4,617
Allen	Tennessee	3393	2	7,012	8,167	8,170	6,011	4,530	3,769
Allen	Tennessee	3393	3	5,620	7,410	7,576	5,231	4,844	4,108
Allen	Tennessee	3393	ACT17						
Allen	Tennessee	3393	ACT18						
Allen	Tennessee	3393	ACT19						
Allen	Tennessee	3393	ACT20						

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Walter C Beckjord Generating Station	Ohio	2830	CT1	0	0	0			
Walter C Beckjord Generating Station	Ohio	2830	CT2	0	0	0			
Walter C Beckjord Generating Station	Ohio	2830	CT3			0			
Walter C Beckjord Generating Station	Ohio	2830	CT4		0	0			
Waterford Plant	Ohio	55503	1	0	1	1			
Waterford Plant	Ohio	55503	2	0	1	1			
Waterford Plant	Ohio	55503	3	0	1	1			
West Lorain	Ohio	2869	1A	0	1	1			
West Lorain	Ohio	2869	1B	0	1	1			
West Lorain	Ohio	2869	2	0	0	1			
West Lorain	Ohio	2869	3	0	0	1			
West Lorain	Ohio	2869	4	0	0	1			
West Lorain	Ohio	2869	5	0	0	1			
West Lorain	Ohio	2869	6	0	0	1			
Woodsdale	Ohio	7158	**GT1	0	0	0			
Woodsdale	Ohio	7158	**GT2	0	0	0			
Woodsdale	Ohio	7158	**GT3	0	0	0			
Woodsdale	Ohio	7158	**GT4	0	0	0			
Woodsdale	Ohio	7158	**GT5	0	0	0			
Woodsdale	Ohio	7158	**GT6	0	0	0			
Allen	Tennessee	3393	1	3,615	3,924	8,136		5,354	
Allen	Tennessee	3393	2	4,082	3,869	8,170		5,115	
Allen	Tennessee	3393	3	4,174	3,256	7,576		5,157	
Allen	Tennessee	3393	ACT17	0	2	2			
Allen	Tennessee	3393	ACT18	1	0	1			
Allen	Tennessee	3393	ACT19	0	1	1			
Allen	Tennessee	3393	ACT20	0	6	6			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Walter C Beckjord Generating Station	Ohio	2830	CT1				18	9	6
Walter C Beckjord Generating Station	Ohio	2830	CT2				15	5	8
Walter C Beckjord Generating Station	Ohio	2830	CT3				6	5	12
Walter C Beckjord Generating Station	Ohio	2830	CT4				5	4	16
Waterford Plant	Ohio	55503	1				3	2	9
Waterford Plant	Ohio	55503	2				2	3	9
Waterford Plant	Ohio	55503	3				3	3	7
West Lorain	Ohio	2869	1A				30	22	42
West Lorain	Ohio	2869	1B				30	23	43
West Lorain	Ohio	2869	2				6	5	7
West Lorain	Ohio	2869	3				6	4	5
West Lorain	Ohio	2869	4				5	4	4
West Lorain	Ohio	2869	5				6	4	2
West Lorain	Ohio	2869	6				5	5	2
Woodsdale	Ohio	7158	**GT1				2	1	3
Woodsdale	Ohio	7158	**GT2				2	1	3
Woodsdale	Ohio	7158	**GT3				2	0	18
Woodsdale	Ohio	7158	**GT4				2	1	3
Woodsdale	Ohio	7158	**GT5				30	13	26
Woodsdale	Ohio	7158	**GT6				28	13	3
Allen	Tennessee	3393	1				3,584	3,999	4,071
Allen	Tennessee	3393	2				4,548	3,773	4,289
Allen	Tennessee	3393	3				3,382	3,530	4,131
Allen	Tennessee	3393	ACT17				1	1	1
Allen	Tennessee	3393	ACT18				1	1	1
Allen	Tennessee	3393	ACT19				3	1	1
Allen	Tennessee	3393	ACT20				4	1	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Walter C Beckjord Generating Station	Ohio	2830	CT1	6	13	5	2	1	18
Walter C Beckjord Generating Station	Ohio	2830	CT2	7	7	5	2	1	15
Walter C Beckjord Generating Station	Ohio	2830	CT3	7	0	1	0	0	12
Walter C Beckjord Generating Station	Ohio	2830	CT4	11	0	3	0	0	16
Waterford Plant	Ohio	55503	1	21	29	8	10	19	29
Waterford Plant	Ohio	55503	2	9	55	11	16	25	55
Waterford Plant	Ohio	55503	3	20	17	33	13	21	33
West Lorain	Ohio	2869	1A	15	10	0	0	6	42
West Lorain	Ohio	2869	1B	15	10	0	1	7	43
West Lorain	Ohio	2869	2	2	3	1	1	2	7
West Lorain	Ohio	2869	3	0	3	0	1	2	6
West Lorain	Ohio	2869	4	0	2	1	0	2	5
West Lorain	Ohio	2869	5	1	3	1	0	2	6
West Lorain	Ohio	2869	6	1	2	1	0	2	5
Woodsdale	Ohio	7158	**GT1	3	26	16	13	16	26
Woodsdale	Ohio	7158	**GT2	1	1	0	1	5	5
Woodsdale	Ohio	7158	**GT3	12	30	20	18	17	30
Woodsdale	Ohio	7158	**GT4	1	1	0	17	17	17
Woodsdale	Ohio	7158	**GT5	14	26	20	15	12	30
Woodsdale	Ohio	7158	**GT6	15	27	19	12	9	28
Allen	Tennessee	3393	1	4,960	3,282	3,077	745	680	4,960
Allen	Tennessee	3393	2	5,110	4,164	2,694	825	766	5,110
Allen	Tennessee	3393	3	3,195	5,183	2,286	1,033	1,003	5,183
Allen	Tennessee	3393	ACT17	4	5	0	1	4	5
Allen	Tennessee	3393	ACT18	8	5	1	1	0	8
Allen	Tennessee	3393	ACT19	4	6	2	1	3	6
Allen	Tennessee	3393	ACT20	7	4	2	1	9	9

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Walter C Beckjord Generating Station	Ohio	2830	CT1						
Walter C Beckjord Generating Station	Ohio	2830	CT2						
Walter C Beckjord Generating Station	Ohio	2830	CT3						
Walter C Beckjord Generating Station	Ohio	2830	CT4						
Waterford Plant	Ohio	55503	1						
Waterford Plant	Ohio	55503	2						
Waterford Plant	Ohio	55503	3						
West Lorain	Ohio	2869	1A						
West Lorain	Ohio	2869	1B						
West Lorain	Ohio	2869	2						
West Lorain	Ohio	2869	3						
West Lorain	Ohio	2869	4						
West Lorain	Ohio	2869	5						
West Lorain	Ohio	2869	6						
Woodsdale	Ohio	7158	**GT1						
Woodsdale	Ohio	7158	**GT2						
Woodsdale	Ohio	7158	**GT3						
Woodsdale	Ohio	7158	**GT4						
Woodsdale	Ohio	7158	**GT5						
Woodsdale	Ohio	7158	**GT6						
Allen	Tennessee	3393	1						
Allen	Tennessee	3393	2						
Allen	Tennessee	3393	3						
Allen	Tennessee	3393	ACT17						
Allen	Tennessee	3393	ACT18						
Allen	Tennessee	3393	ACT19						
Allen	Tennessee	3393	ACT20						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Walter C Beckjord Generating Station	Ohio	2830	CT1		0	0	0
Walter C Beckjord Generating Station	Ohio	2830	CT2		0	0	0
Walter C Beckjord Generating Station	Ohio	2830	CT3		0	0	0
Walter C Beckjord Generating Station	Ohio	2830	CT4		0	0	0
Waterford Plant	Ohio	55503	1		1	1	1
Waterford Plant	Ohio	55503	2		1	1	1
Waterford Plant	Ohio	55503	3		1	1	1
West Lorain	Ohio	2869	1A		1	1	1
West Lorain	Ohio	2869	1B		1	1	1
West Lorain	Ohio	2869	2		1	1	1
West Lorain	Ohio	2869	3		1	1	1
West Lorain	Ohio	2869	4		1	1	1
West Lorain	Ohio	2869	5		1	1	1
West Lorain	Ohio	2869	6		1	1	1
Woodsdale	Ohio	7158	**GT1		0	0	0
Woodsdale	Ohio	7158	**GT2		0	0	0
Woodsdale	Ohio	7158	**GT3		0	0	0
Woodsdale	Ohio	7158	**GT4		0	0	0
Woodsdale	Ohio	7158	**GT5		0	0	0
Woodsdale	Ohio	7158	**GT6		0	0	0
Allen	Tennessee	3393	1		5,354		
Allen	Tennessee	3393	2		5,115		
Allen	Tennessee	3393	3		5,157		
Allen	Tennessee	3393	ACT17		2		
Allen	Tennessee	3393	ACT18		1		
Allen	Tennessee	3393	ACT19		1		
Allen	Tennessee	3393	ACT20		6		

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Walter C Beckjord Generating Station	Ohio	2830	CT1	0	0		2
Walter C Beckjord Generating Station	Ohio	2830	CT2	0	0		2
Walter C Beckjord Generating Station	Ohio	2830	CT3	0	0		1
Walter C Beckjord Generating Station	Ohio	2830	CT4	0	0		1
Waterford Plant	Ohio	55503	1	1	1		29
Waterford Plant	Ohio	55503	2	1	1		55
Waterford Plant	Ohio	55503	3	1	1		33
West Lorain	Ohio	2869	1A	1	1		3
West Lorain	Ohio	2869	1B	1	1		3
West Lorain	Ohio	2869	2	1	1		7
West Lorain	Ohio	2869	3	1	1		6
West Lorain	Ohio	2869	4	1	1		5
West Lorain	Ohio	2869	5	1	1		6
West Lorain	Ohio	2869	6	1	1		5
Woodsdale	Ohio	7158	**GT1	0	0		26
Woodsdale	Ohio	7158	**GT2	0	0		5
Woodsdale	Ohio	7158	**GT3	0	0		26
Woodsdale	Ohio	7158	**GT4	0	0		13
Woodsdale	Ohio	7158	**GT5	0	0		24
Woodsdale	Ohio	7158	**GT6	0	0		22
Allen	Tennessee	3393	1				
Allen	Tennessee	3393	2				
Allen	Tennessee	3393	3				
Allen	Tennessee	3393	ACT17				
Allen	Tennessee	3393	ACT18				
Allen	Tennessee	3393	ACT19				
Allen	Tennessee	3393	ACT20				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Walter C Beckjord Generating Station	Ohio	2830	CT1	2	2	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT2	2	2	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT3	1	1	1	1
Walter C Beckjord Generating Station	Ohio	2830	CT4	1	1	1	1
Waterford Plant	Ohio	55503	1	29	29	29	29
Waterford Plant	Ohio	55503	2	55	55	55	55
Waterford Plant	Ohio	55503	3	33	33	33	33
West Lorain	Ohio	2869	1A	3	3	3	3
West Lorain	Ohio	2869	1B	3	3	3	3
West Lorain	Ohio	2869	2	7	7	7	7
West Lorain	Ohio	2869	3	6	6	6	6
West Lorain	Ohio	2869	4	5	5	5	5
West Lorain	Ohio	2869	5	6	6	6	6
West Lorain	Ohio	2869	6	5	5	5	5
Woodsdale	Ohio	7158	**GT1	26	26	26	26
Woodsdale	Ohio	7158	**GT2	4	4	4	4
Woodsdale	Ohio	7158	**GT3	24	24	24	24
Woodsdale	Ohio	7158	**GT4	12	12	12	12
Woodsdale	Ohio	7158	**GT5	22	22	22	22
Woodsdale	Ohio	7158	**GT6	21	21	21	21
Allen	Tennessee	3393	1				
Allen	Tennessee	3393	2				
Allen	Tennessee	3393	3				
Allen	Tennessee	3393	ACT17				
Allen	Tennessee	3393	ACT18				
Allen	Tennessee	3393	ACT19				
Allen	Tennessee	3393	ACT20				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Walter C Beckjord Generating Station	Ohio	2830	CT1	23,888	50,075	6,786	4,883	1,780	26,916
Walter C Beckjord Generating Station	Ohio	2830	CT2	32,130	34,114	8,038	5,403	1,538	24,761
Walter C Beckjord Generating Station	Ohio	2830	CT3	32,490	816			653	11,320
Walter C Beckjord Generating Station	Ohio	2830	CT4	45,129	1,060			1,257	15,815
Waterford Plant	Ohio	55503	1	842,531	1,065,199	728,683	1,121,206	1,722,197	1,302,867
Waterford Plant	Ohio	55503	2	619,859	1,294,278	774,253	1,265,015	1,826,368	1,461,887
Waterford Plant	Ohio	55503	3	591,038	1,180,248	640,629	1,227,252	1,916,176	1,441,225
West Lorain	Ohio	2869	1A	55,062	38,945	1,940	1,501	31,829	41,945
West Lorain	Ohio	2869	1B	55,727	40,826	2,421	3,410	31,032	42,528
West Lorain	Ohio	2869	2	174,846	78,269	31,343	20,798	144,944	132,686
West Lorain	Ohio	2869	3	28,539	68,757	15,701	14,728	118,914	72,070
West Lorain	Ohio	2869	4	28,905	111,271	50,661	8,458	118,747	93,560
West Lorain	Ohio	2869	5	152,416	172,838	28,367	16,133	128,352	151,202
West Lorain	Ohio	2869	6	133,009	139,038	31,582	9,176	141,614	137,887
Woodsdale	Ohio	7158	**GT1	12,607	209,459	139,579	101,273	199,469	182,836
Woodsdale	Ohio	7158	**GT2	12,341	7,656		9,922	142,029	54,764
Woodsdale	Ohio	7158	**GT3	125,394	202,090	141,792	80,880	199,874	181,252
Woodsdale	Ohio	7158	**GT4	20,127	6,560		96,461	162,651	93,080
Woodsdale	Ohio	7158	**GT5	116,022	188,242	140,170	76,210	160,038	162,817
Woodsdale	Ohio	7158	**GT6	114,765	187,445	134,618	72,766	151,175	157,746
Allen	Tennessee	3393	1	8,884,727	7,858,795	7,888,686	6,463,494	7,326,471	8,210,736
Allen	Tennessee	3393	2	6,883,519	8,073,360	7,647,109	7,208,054	6,519,867	7,642,841
Allen	Tennessee	3393	3	9,114,629	8,431,794	7,978,307	7,834,772	5,040,804	8,508,243
Allen	Tennessee	3393	ACT17	18,639	21,080	567	1,529	9,591	16,437
Allen	Tennessee	3393	ACT18	23,718	25,160	1,310	2,329	788	17,069
Allen	Tennessee	3393	ACT19	22,543	25,105	769	1,707	7,739	18,462
Allen	Tennessee	3393	ACT20	21,906	19,967	1,203	2,183	16,864	19,579

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Walter C Beckjord Generating Station	Ohio	2830	CT1	616,903,319	0.000044	39,262	37,036	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT2	616,903,319	0.000040	39,262	37,036	2	1
Walter C Beckjord Generating Station	Ohio	2830	CT3	616,903,319	0.000018	39,262	37,036	1	1
Walter C Beckjord Generating Station	Ohio	2830	CT4	616,903,319	0.000026	39,262	37,036	1	1
Waterford Plant	Ohio	55503	1	616,903,319	0.002112	39,262	37,036	83	78
Waterford Plant	Ohio	55503	2	616,903,319	0.002370	39,262	37,036	93	88
Waterford Plant	Ohio	55503	3	616,903,319	0.002336	39,262	37,036	92	87
West Lorain	Ohio	2869	1A	616,903,319	0.000068	39,262	37,036	3	3
West Lorain	Ohio	2869	1B	616,903,319	0.000069	39,262	37,036	3	3
West Lorain	Ohio	2869	2	616,903,319	0.000215	39,262	37,036	8	8
West Lorain	Ohio	2869	3	616,903,319	0.000117	39,262	37,036	5	4
West Lorain	Ohio	2869	4	616,903,319	0.000152	39,262	37,036	6	6
West Lorain	Ohio	2869	5	616,903,319	0.000245	39,262	37,036	10	9
West Lorain	Ohio	2869	6	616,903,319	0.000224	39,262	37,036	9	8
Woodsdale	Ohio	7158	**GT1	616,903,319	0.000296	39,262	37,036	12	11
Woodsdale	Ohio	7158	**GT2	616,903,319	0.000089	39,262	37,036	3	3
Woodsdale	Ohio	7158	**GT3	616,903,319	0.000294	39,262	37,036	12	11
Woodsdale	Ohio	7158	**GT4	616,903,319	0.000151	39,262	37,036	6	6
Woodsdale	Ohio	7158	**GT5	616,903,319	0.000264	39,262	37,036	10	10
Woodsdale	Ohio	7158	**GT6	616,903,319	0.000256	39,262	37,036	10	9
Allen	Tennessee	3393	1	275,712,139	0.029780	14,610	7,856	435	234
Allen	Tennessee	3393	2	275,712,139	0.027720	14,610	7,856	405	218
Allen	Tennessee	3393	3	275,712,139	0.030859	14,610	7,856	451	242
Allen	Tennessee	3393	ACT17	275,712,139	0.000060	14,610	7,856	1	0
Allen	Tennessee	3393	ACT18	275,712,139	0.000062	14,610	7,856	1	0
Allen	Tennessee	3393	ACT19	275,712,139	0.000067	14,610	7,856	1	1
Allen	Tennessee	3393	ACT20	275,712,139	0.000071	14,610	7,856	1	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Walter C Beckjord Generating Station	Ohio	2830	CT1	18	9	6	6	13	1
Walter C Beckjord Generating Station	Ohio	2830	CT2	15	5	8	7	7	2
Walter C Beckjord Generating Station	Ohio	2830	CT3	6	5	12	7	0	
Walter C Beckjord Generating Station	Ohio	2830	CT4	5	4	16	11	0	
Waterford Plant	Ohio	55503	1	3	2	9	12	24	8
Waterford Plant	Ohio	55503	2	2	3	9	9	27	10
Waterford Plant	Ohio	55503	3	3	3	7	7	13	33
West Lorain	Ohio	2869	1A	30	22	42	15	10	0
West Lorain	Ohio	2869	1B	30	23	43	15	10	0
West Lorain	Ohio	2869	2	2	1	4	2	2	0
West Lorain	Ohio	2869	3	3	2	2	0	1	0
West Lorain	Ohio	2869	4	3	1	2	0	1	1
West Lorain	Ohio	2869	5	2	1	1	1	2	0
West Lorain	Ohio	2869	6	2	2	1	1	1	0
Woodsdale	Ohio	7158	**GT1	1	0	2	1	10	7
Woodsdale	Ohio	7158	**GT2	1	0	2	1	1	
Woodsdale	Ohio	7158	**GT3	1	0	16	6	13	9
Woodsdale	Ohio	7158	**GT4	1	0	2	1	1	
Woodsdale	Ohio	7158	**GT5	14		15	7	11	10
Woodsdale	Ohio	7158	**GT6	13		1	7	11	8
Allen	Tennessee	3393	1	354	277	244	247	237	237
Allen	Tennessee	3393	2	298	353	246	228	316	291
Allen	Tennessee	3393	3	347	340	239	310	310	280
Allen	Tennessee	3393	ACT17	1	1	1	4	5	0
Allen	Tennessee	3393	ACT18	1	1	1	8	5	0
Allen	Tennessee	3393	ACT19	3	1	1	4	6	0
Allen	Tennessee	3393	ACT20	4	1	1	7	4	0

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns BX - CE			
Walter C Beckjord Generating Station	Ohio	2830	CT1	1	0	18			
Walter C Beckjord Generating Station	Ohio	2830	CT2	1	0	15			
Walter C Beckjord Generating Station	Ohio	2830	CT3		0	12			
Walter C Beckjord Generating Station	Ohio	2830	CT4		0	16			
Waterford Plant	Ohio	55503	1	6	13	24			
Waterford Plant	Ohio	55503	2	12	17	27			
Waterford Plant	Ohio	55503	3	10	13	33			
West Lorain	Ohio	2869	1A	0	6	42			
West Lorain	Ohio	2869	1B	1	6	43			
West Lorain	Ohio	2869	2	1	2	4			
West Lorain	Ohio	2869	3	1	1	3			
West Lorain	Ohio	2869	4	0	1	3			
West Lorain	Ohio	2869	5	0	1	2			
West Lorain	Ohio	2869	6	0	1	2			
Woodsdale	Ohio	7158	**GT1	4	8	10			
Woodsdale	Ohio	7158	**GT2	1	4	4			
Woodsdale	Ohio	7158	**GT3	5	10	16			
Woodsdale	Ohio	7158	**GT4	5	9	9			
Woodsdale	Ohio	7158	**GT5	4	7	15			
Woodsdale	Ohio	7158	**GT6	4	8	13			
Allen	Tennessee	3393	1	285	284	354			
Allen	Tennessee	3393	2	253	287	353			
Allen	Tennessee	3393	3	379	212	379			
Allen	Tennessee	3393	ACT17	1	2	5			
Allen	Tennessee	3393	ACT18	1	0	8			
Allen	Tennessee	3393	ACT19	1	2	6			
Allen	Tennessee	3393	ACT20	1	6	7			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Walter C Beckjord Generating Station	Ohio	2830	CT1					2
Walter C Beckjord Generating Station	Ohio	2830	CT2					2
Walter C Beckjord Generating Station	Ohio	2830	CT3					1
Walter C Beckjord Generating Station	Ohio	2830	CT4					1
Waterford Plant	Ohio	55503	1					24
Waterford Plant	Ohio	55503	2					27
Waterford Plant	Ohio	55503	3					33
West Lorain	Ohio	2869	1A					3
West Lorain	Ohio	2869	1B					3
West Lorain	Ohio	2869	2					4
West Lorain	Ohio	2869	3					3
West Lorain	Ohio	2869	4					3
West Lorain	Ohio	2869	5					2
West Lorain	Ohio	2869	6					2
Woodsdale	Ohio	7158	**GT1					10
Woodsdale	Ohio	7158	**GT2					4
Woodsdale	Ohio	7158	**GT3					12
Woodsdale	Ohio	7158	**GT4					6
Woodsdale	Ohio	7158	**GT5					11
Woodsdale	Ohio	7158	**GT6					11
Allen	Tennessee	3393	1					
Allen	Tennessee	3393	2					
Allen	Tennessee	3393	3					
Allen	Tennessee	3393	ACT17					
Allen	Tennessee	3393	ACT18					
Allen	Tennessee	3393	ACT19					
Allen	Tennessee	3393	ACT20					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Walter C Beckjord Generating Station	Ohio	2830	CT1	2	2	2	2	Y
Walter C Beckjord Generating Station	Ohio	2830	CT2	2	2	2	2	Y
Walter C Beckjord Generating Station	Ohio	2830	CT3	1	1	1	1	Y
Walter C Beckjord Generating Station	Ohio	2830	CT4	1	1	1	1	Y
Waterford Plant	Ohio	55503	1	24	24	24	24	Y
Waterford Plant	Ohio	55503	2	27	27	27	27	Y
Waterford Plant	Ohio	55503	3	33	33	33	33	Y
West Lorain	Ohio	2869	1A	3	3	3	3	Y
West Lorain	Ohio	2869	1B	3	3	3	3	Y
West Lorain	Ohio	2869	2	4	4	4	4	Y
West Lorain	Ohio	2869	3	3	3	3	3	Y
West Lorain	Ohio	2869	4	3	3	3	3	Y
West Lorain	Ohio	2869	5	2	2	2	2	Y
West Lorain	Ohio	2869	6	2	2	2	2	Y
Woodsdale	Ohio	7158	**GT1	10	10	10	10	Y
Woodsdale	Ohio	7158	**GT2	3	3	3	3	Y
Woodsdale	Ohio	7158	**GT3	12	12	12	12	Y
Woodsdale	Ohio	7158	**GT4	6	6	6	6	Y
Woodsdale	Ohio	7158	**GT5	10	10	10	10	Y
Woodsdale	Ohio	7158	**GT6	10	10	10	10	Y
Allen	Tennessee	3393	1					Y
Allen	Tennessee	3393	2					Y
Allen	Tennessee	3393	3					Y
Allen	Tennessee	3393	ACT17					Y
Allen	Tennessee	3393	ACT18					Y
Allen	Tennessee	3393	ACT19					Y
Allen	Tennessee	3393	ACT20					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Walter C Beckjord Generating Station	Ohio	2830	CT1	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	CT2	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	CT3	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	CT4	Y		Y		
Waterford Plant	Ohio	55503	1	Y		Y		
Waterford Plant	Ohio	55503	2	Y		Y		
Waterford Plant	Ohio	55503	3	Y		Y		
West Lorain	Ohio	2869	1A	Y		Y		
West Lorain	Ohio	2869	1B	Y		Y		
West Lorain	Ohio	2869	2	Y		Y		
West Lorain	Ohio	2869	3	Y		Y		
West Lorain	Ohio	2869	4	Y		Y		
West Lorain	Ohio	2869	5	Y		Y		
West Lorain	Ohio	2869	6	Y		Y		
Woodsdale	Ohio	7158	**GT1	Y		Y		
Woodsdale	Ohio	7158	**GT2	Y		Y		
Woodsdale	Ohio	7158	**GT3	Y		Y		
Woodsdale	Ohio	7158	**GT4	Y		Y		
Woodsdale	Ohio	7158	**GT5	Y		Y		
Woodsdale	Ohio	7158	**GT6	Y		Y		
Allen	Tennessee	3393	1	Y		Y		
Allen	Tennessee	3393	2	Y		Y		
Allen	Tennessee	3393	3	Y		Y		
Allen	Tennessee	3393	ACT17	Y		Y		
Allen	Tennessee	3393	ACT18	Y		Y		
Allen	Tennessee	3393	ACT19	Y		Y		
Allen	Tennessee	3393	ACT20	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Brownsville CT	Tennessee	55081	AA-001	1456	126,603	194,826	9,174	83,848	756,810
Brownsville CT	Tennessee	55081	AA-002	1457	91,214	206,377	5,357	66,006	732,055
Brownsville CT	Tennessee	55081	AA-003	1458	161,296	198,475	15,893	57,768	1,020,589
Brownsville CT	Tennessee	55081	AA-004	1459	146,405	71,673	16,763	76,226	1,044,116
Bull Run	Tennessee	3396	1	2251	45,085,485	65,965,241	44,616,809	29,414,739	35,825,580
Cumberland	Tennessee	3399	1	2252	93,061,711	83,147,317	92,597,737	71,422,398	75,720,356
Cumberland	Tennessee	3399	2	2253	92,601,697	91,874,399	73,429,559	83,340,940	66,471,566
Gallatin	Tennessee	3403	1	2254	19,112,864	17,309,103	17,652,392	15,455,019	14,374,823
Gallatin	Tennessee	3403	2	2255	18,777,535	18,754,729	17,876,522	14,518,086	14,757,422
Gallatin	Tennessee	3403	3	2256	20,725,457	19,018,560	21,974,060	18,391,112	18,454,952
Gallatin	Tennessee	3403	4	2257	16,292,368	22,392,252	22,196,808	15,759,142	19,280,958
Gallatin	Tennessee	3403	GCT1	88162	44,705	140,772	39,371	17,964	97,702
Gallatin	Tennessee	3403	GCT2	88163	48,380	131,447	19,184	6,354	109,349
Gallatin	Tennessee	3403	GCT3	88164	43,514	139,273	28,071	11,698	117,898
Gallatin	Tennessee	3403	GCT4	88165	49,881	129,439	33,520	22,166	120,090
Gallatin	Tennessee	3403	GCT5	2258	206,320	243,245	109,238	28,931	251,165
Gallatin	Tennessee	3403	GCT6	2259	206,818	246,906	124,963	29,571	235,861
Gallatin	Tennessee	3403	GCT7	2260	208,508	254,451	120,127	35,940	228,033
Gallatin	Tennessee	3403	GCT8	2261	226,090	240,692	118,933	28,491	227,067
Gleason Generating Facility	Tennessee	55251	CTG-1	4335	16,526	372,411	97,209	15,085	348,298
Gleason Generating Facility	Tennessee	55251	CTG-2	4336	12,637	252,865	90,526	5,029	300,637
Gleason Generating Facility	Tennessee	55251	CTG-3	4337	13,609	149,262	63,457	7,026	132,403
John Sevier	Tennessee	3405	1	2262	11,295,404	12,406,759	12,427,219	9,676,216	8,981,231
John Sevier	Tennessee	3405	2	2263	12,115,631	12,358,361	11,813,198	8,210,657	11,644,224
John Sevier	Tennessee	3405	3	2264	13,018,843	11,454,439	12,437,120	9,491,682	9,761,407
John Sevier	Tennessee	3405	4	2265	13,548,547	11,419,257	11,450,987	9,063,959	9,019,337
Johnsonville	Tennessee	3406	1	2266	9,077,678	8,446,304	6,917,025	7,679,062	7,349,411

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Brownsville CT	Tennessee	55081	AA-001	359,413	616,729,984	0.000583	145,187	57,656
Brownsville CT	Tennessee	55081	AA-002	343,215	616,729,984	0.000557	145,187	57,656
Brownsville CT	Tennessee	55081	AA-003	460,120	616,729,984	0.000746	145,187	57,656
Brownsville CT	Tennessee	55081	AA-004	422,249	616,729,984	0.000685	145,187	57,656
Bull Run	Tennessee	3396	1	51,889,179	616,729,984	0.084136	145,187	57,656
Cumberland	Tennessee	3399	1	89,602,255	616,729,984	0.145286	145,187	57,656
Cumberland	Tennessee	3399	2	89,272,345	616,729,984	0.144751	145,187	57,656
Gallatin	Tennessee	3403	1	18,024,786	616,729,984	0.029226	145,187	57,656
Gallatin	Tennessee	3403	2	18,469,595	616,729,984	0.029948	145,187	57,656
Gallatin	Tennessee	3403	3	20,572,692	616,729,984	0.033358	145,187	57,656
Gallatin	Tennessee	3403	4	21,290,006	616,729,984	0.034521	145,187	57,656
Gallatin	Tennessee	3403	GCT1	94,393	616,729,984	0.000153	145,187	57,656
Gallatin	Tennessee	3403	GCT2	96,392	616,729,984	0.000156	145,187	57,656
Gallatin	Tennessee	3403	GCT3	100,229	616,729,984	0.000163	145,187	57,656
Gallatin	Tennessee	3403	GCT4	99,803	616,729,984	0.000162	145,187	57,656
Gallatin	Tennessee	3403	GCT5	233,577	616,729,984	0.000379	145,187	57,656
Gallatin	Tennessee	3403	GCT6	229,862	616,729,984	0.000373	145,187	57,656
Gallatin	Tennessee	3403	GCT7	230,331	616,729,984	0.000373	145,187	57,656
Gallatin	Tennessee	3403	GCT8	231,283	616,729,984	0.000375	145,187	57,656
Gleason Generating Facility	Tennessee	55251	CTG-1	272,640	616,729,984	0.000442	145,187	57,656
Gleason Generating Facility	Tennessee	55251	CTG-2	214,676	616,729,984	0.000348	145,187	57,656
Gleason Generating Facility	Tennessee	55251	CTG-3	115,041	616,729,984	0.000187	145,187	57,656
John Sevier	Tennessee	3405	1	12,043,127	616,729,984	0.019527	145,187	57,656
John Sevier	Tennessee	3405	2	12,095,730	616,729,984	0.019613	145,187	57,656
John Sevier	Tennessee	3405	3	12,303,467	616,729,984	0.019950	145,187	57,656
John Sevier	Tennessee	3405	4	12,139,597	616,729,984	0.019684	145,187	57,656
Johnsonville	Tennessee	3406	1	8,401,015	616,729,984	0.013622	145,187	57,656

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Brownsville CT	Tennessee	55081	AA-001	34,989	18,950	85	34	20	11
Brownsville CT	Tennessee	55081	AA-002	34,989	18,950	81	32	19	11
Brownsville CT	Tennessee	55081	AA-003	34,989	18,950	108	43	26	14
Brownsville CT	Tennessee	55081	AA-004	34,989	18,950	99	39	24	13
Bull Run	Tennessee	3396	1	34,989	18,950	12,215	4,851	2,944	1,594
Cumberland	Tennessee	3399	1	34,989	18,950	21,094	8,377	5,083	2,753
Cumberland	Tennessee	3399	2	34,989	18,950	21,016	8,346	5,065	2,743
Gallatin	Tennessee	3403	1	34,989	18,950	4,243	1,685	1,023	554
Gallatin	Tennessee	3403	2	34,989	18,950	4,348	1,727	1,048	568
Gallatin	Tennessee	3403	3	34,989	18,950	4,843	1,923	1,167	632
Gallatin	Tennessee	3403	4	34,989	18,950	5,012	1,990	1,208	654
Gallatin	Tennessee	3403	GCT1	34,989	18,950	22	9	5	3
Gallatin	Tennessee	3403	GCT2	34,989	18,950	23	9	5	3
Gallatin	Tennessee	3403	GCT3	34,989	18,950	24	9	6	3
Gallatin	Tennessee	3403	GCT4	34,989	18,950	23	9	6	3
Gallatin	Tennessee	3403	GCT5	34,989	18,950	55	22	13	7
Gallatin	Tennessee	3403	GCT6	34,989	18,950	54	21	13	7
Gallatin	Tennessee	3403	GCT7	34,989	18,950	54	22	13	7
Gallatin	Tennessee	3403	GCT8	34,989	18,950	54	22	13	7
Gleason Generating Facility	Tennessee	55251	CTG-1	34,989	18,950	64	25	15	8
Gleason Generating Facility	Tennessee	55251	CTG-2	34,989	18,950	51	20	12	7
Gleason Generating Facility	Tennessee	55251	CTG-3	34,989	18,950	27	11	7	4
John Sevier	Tennessee	3405	1	34,989	18,950	2,835	1,126	683	370
John Sevier	Tennessee	3405	2	34,989	18,950	2,848	1,131	686	372
John Sevier	Tennessee	3405	3	34,989	18,950	2,896	1,150	698	378
John Sevier	Tennessee	3405	4	34,989	18,950	2,858	1,135	689	373
Johnsonville	Tennessee	3406	1	34,989	18,950	1,978	785	477	258

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Brownsville CT	Tennessee	55081	AA-001	0	0	0	0	0	0
Brownsville CT	Tennessee	55081	AA-002	0	0	0	0	0	0
Brownsville CT	Tennessee	55081	AA-003	0	0	0	0	0	0
Brownsville CT	Tennessee	55081	AA-004	0	0	0	0	0	0
Bull Run	Tennessee	3396	1	44,449	28,606	37,534	27,987	40,007	28,287
Cumberland	Tennessee	3399	1	5,491	8,262	7,747	8,814	7,760	7,864
Cumberland	Tennessee	3399	2	9,300	10,264	9,726	9,538	9,336	6,837
Gallatin	Tennessee	3403	1	7,132	5,308	6,167	5,878	5,121	5,212
Gallatin	Tennessee	3403	2	5,734	6,165	5,908	5,783	5,562	5,279
Gallatin	Tennessee	3403	3	8,735	7,098	6,867	6,639	5,716	6,431
Gallatin	Tennessee	3403	4	9,027	8,227	6,955	5,157	6,712	6,503
Gallatin	Tennessee	3403	GCT1						
Gallatin	Tennessee	3403	GCT2						
Gallatin	Tennessee	3403	GCT3						
Gallatin	Tennessee	3403	GCT4						
Gallatin	Tennessee	3403	GCT5	2	0	1	0	0	0
Gallatin	Tennessee	3403	GCT6	2	0	1	0	0	1
Gallatin	Tennessee	3403	GCT7	1	0	1	0	0	0
Gallatin	Tennessee	3403	GCT8	1	0	1	1	0	0
Gleason Generating Facility	Tennessee	55251	CTG-1	0			0	0	0
Gleason Generating Facility	Tennessee	55251	CTG-2	0			0	0	0
Gleason Generating Facility	Tennessee	55251	CTG-3	0			0	0	0
John Sevier	Tennessee	3405	1	9,786	8,945	7,377	6,901	7,292	7,157
John Sevier	Tennessee	3405	2	9,688	9,305	7,782	7,357	7,253	6,824
John Sevier	Tennessee	3405	3	10,294	7,995	7,333	7,776	6,594	7,166
John Sevier	Tennessee	3405	4	9,075	8,902	7,977	8,092	6,576	6,597
Johnsonville	Tennessee	3406	1	10,668	10,002	6,806	8,920	6,045	4,355

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Brownsville CT	Tennessee	55081	AA-001	0	0	0			
Brownsville CT	Tennessee	55081	AA-002	0	0	0			
Brownsville CT	Tennessee	55081	AA-003	0	0	0			
Brownsville CT	Tennessee	55081	AA-004	0	0	0			
Bull Run	Tennessee	3396	1	467	890	44,449		14,761	
Cumberland	Tennessee	3399	1	5,813	5,714	8,814		8,518	
Cumberland	Tennessee	3399	2	6,649	5,707	10,264		9,919	
Gallatin	Tennessee	3403	1	4,794	4,434	7,132		5,128	
Gallatin	Tennessee	3403	2	4,460	4,573	6,165		5,254	
Gallatin	Tennessee	3403	3	5,583	5,488	8,735		5,852	
Gallatin	Tennessee	3403	4	4,821	5,730	9,027		6,056	
Gallatin	Tennessee	3403	GCT1	4	16	16			
Gallatin	Tennessee	3403	GCT2	1	2	2			
Gallatin	Tennessee	3403	GCT3	3	2	3			
Gallatin	Tennessee	3403	GCT4	5	5	5			
Gallatin	Tennessee	3403	GCT5	0	0	2			
Gallatin	Tennessee	3403	GCT6	0	0	2			
Gallatin	Tennessee	3403	GCT7	0	0	1			
Gallatin	Tennessee	3403	GCT8	0	0	1			
Gleason Generating Facility	Tennessee	55251	CTG-1	0	0	0			
Gleason Generating Facility	Tennessee	55251	CTG-2	0	0	0			
Gleason Generating Facility	Tennessee	55251	CTG-3	0	0	0			
John Sevier	Tennessee	3405	1	5,374	5,094	9,786		3,426	
John Sevier	Tennessee	3405	2	4,590	6,629	9,688		3,440	
John Sevier	Tennessee	3405	3	5,290	5,618	10,294		3,500	
John Sevier	Tennessee	3405	4	5,061	5,199	9,075		3,453	
Johnsonville	Tennessee	3406	1	4,564	4,216	10,668		2,390	

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Brownsville CT	Tennessee	55081	AA-001				2	1	1
Brownsville CT	Tennessee	55081	AA-002				2	1	1
Brownsville CT	Tennessee	55081	AA-003				2	2	2
Brownsville CT	Tennessee	55081	AA-004				3	2	2
Bull Run	Tennessee	3396	1				17,386	7,994	11,488
Cumberland	Tennessee	3399	1				9,223	14,917	13,504
Cumberland	Tennessee	3399	2				24,386	20,041	13,682
Gallatin	Tennessee	3403	1				2,642	1,936	1,994
Gallatin	Tennessee	3403	2				2,093	2,257	1,894
Gallatin	Tennessee	3403	3				3,522	2,562	2,255
Gallatin	Tennessee	3403	4				3,600	3,050	2,305
Gallatin	Tennessee	3403	GCT1				4	2	10
Gallatin	Tennessee	3403	GCT2				6	4	9
Gallatin	Tennessee	3403	GCT3				7	3	11
Gallatin	Tennessee	3403	GCT4				6	3	9
Gallatin	Tennessee	3403	GCT5				9	2	6
Gallatin	Tennessee	3403	GCT6				6	2	4
Gallatin	Tennessee	3403	GCT7				6	2	4
Gallatin	Tennessee	3403	GCT8				6	2	4
Gleason Generating Facility	Tennessee	55251	CTG-1				2		
Gleason Generating Facility	Tennessee	55251	CTG-2				0		
Gleason Generating Facility	Tennessee	55251	CTG-3				1		
John Sevier	Tennessee	3405	1				2,674	2,710	2,326
John Sevier	Tennessee	3405	2				2,643	2,840	2,438
John Sevier	Tennessee	3405	3				2,824	2,420	2,320
John Sevier	Tennessee	3405	4				2,480	2,748	2,537
Johnsonville	Tennessee	3406	1				2,422	2,095	1,607

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Brownsville CT	Tennessee	55081	AA-001	2	3	1	2	20	20
Brownsville CT	Tennessee	55081	AA-002	2	4	0	2	19	19
Brownsville CT	Tennessee	55081	AA-003	6	7	1	3	45	45
Brownsville CT	Tennessee	55081	AA-004	6	3	1	3	51	51
Bull Run	Tennessee	3396	1	8,352	11,930	8,622	1,271	1,221	17,386
Cumberland	Tennessee	3399	1	15,656	13,556	16,787	2,200	2,186	16,787
Cumberland	Tennessee	3399	2	18,704	19,247	13,893	3,148	2,703	24,386
Gallatin	Tennessee	3403	1	1,698	1,343	1,349	1,178	1,056	2,642
Gallatin	Tennessee	3403	2	1,670	1,453	1,368	1,111	1,080	2,257
Gallatin	Tennessee	3403	3	2,006	1,515	1,682	1,367	1,431	3,522
Gallatin	Tennessee	3403	4	1,559	1,762	1,697	1,157	1,487	3,600
Gallatin	Tennessee	3403	GCT1	9	28	12	6	31	31
Gallatin	Tennessee	3403	GCT2	10	27	6	2	27	27
Gallatin	Tennessee	3403	GCT3	11	34	8	4	29	34
Gallatin	Tennessee	3403	GCT4	11	28	11	8	31	31
Gallatin	Tennessee	3403	GCT5	4	4	2	1	3	9
Gallatin	Tennessee	3403	GCT6	4	5	3	1	3	6
Gallatin	Tennessee	3403	GCT7	4	4	2	1	4	6
Gallatin	Tennessee	3403	GCT8	5	4	2	1	4	6
Gleason Generating Facility	Tennessee	55251	CTG-1	1	19	5	1	23	23
Gleason Generating Facility	Tennessee	55251	CTG-2	1	13	5	0	24	24
Gleason Generating Facility	Tennessee	55251	CTG-3	1	9	5	1	8	9
John Sevier	Tennessee	3405	1	2,209	2,073	2,039	1,192	1,058	2,710
John Sevier	Tennessee	3405	2	2,358	2,072	1,980	1,018	1,373	2,840
John Sevier	Tennessee	3405	3	2,511	2,201	2,412	1,315	1,250	2,824
John Sevier	Tennessee	3405	4	2,611	2,222	2,217	1,320	1,178	2,748
Johnsonville	Tennessee	3406	1	1,861	1,688	1,301	1,172	1,082	2,422

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Brownsville CT	Tennessee	55081	AA-001						
Brownsville CT	Tennessee	55081	AA-002						
Brownsville CT	Tennessee	55081	AA-003						
Brownsville CT	Tennessee	55081	AA-004						
Bull Run	Tennessee	3396	1						
Cumberland	Tennessee	3399	1						
Cumberland	Tennessee	3399	2						
Gallatin	Tennessee	3403	1						
Gallatin	Tennessee	3403	2						
Gallatin	Tennessee	3403	3						
Gallatin	Tennessee	3403	4						
Gallatin	Tennessee	3403	GCT1						
Gallatin	Tennessee	3403	GCT2						
Gallatin	Tennessee	3403	GCT3						
Gallatin	Tennessee	3403	GCT4						
Gallatin	Tennessee	3403	GCT5						
Gallatin	Tennessee	3403	GCT6						
Gallatin	Tennessee	3403	GCT7						
Gallatin	Tennessee	3403	GCT8						
Gleason Generating Facility	Tennessee	55251	CTG-1						
Gleason Generating Facility	Tennessee	55251	CTG-2						
Gleason Generating Facility	Tennessee	55251	CTG-3						
John Sevier	Tennessee	3405	1						
John Sevier	Tennessee	3405	2						
John Sevier	Tennessee	3405	3						
John Sevier	Tennessee	3405	4						
Johnsonville	Tennessee	3406	1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Brownsville CT	Tennessee	55081	AA-001		0		
Brownsville CT	Tennessee	55081	AA-002		0		
Brownsville CT	Tennessee	55081	AA-003		0		
Brownsville CT	Tennessee	55081	AA-004		0		
Bull Run	Tennessee	3396	1		14,761		
Cumberland	Tennessee	3399	1		8,518		
Cumberland	Tennessee	3399	2		9,919		
Gallatin	Tennessee	3403	1		5,128		
Gallatin	Tennessee	3403	2		5,254		
Gallatin	Tennessee	3403	3		5,852		
Gallatin	Tennessee	3403	4		6,056		
Gallatin	Tennessee	3403	GCT1		16		
Gallatin	Tennessee	3403	GCT2		2		
Gallatin	Tennessee	3403	GCT3		3		
Gallatin	Tennessee	3403	GCT4		5		
Gallatin	Tennessee	3403	GCT5		2		
Gallatin	Tennessee	3403	GCT6		2		
Gallatin	Tennessee	3403	GCT7		1		
Gallatin	Tennessee	3403	GCT8		1		
Gleason Generating Facility	Tennessee	55251	CTG-1		0		
Gleason Generating Facility	Tennessee	55251	CTG-2		0		
Gleason Generating Facility	Tennessee	55251	CTG-3		0		
John Sevier	Tennessee	3405	1		3,426		
John Sevier	Tennessee	3405	2		3,440		
John Sevier	Tennessee	3405	3		3,500		
John Sevier	Tennessee	3405	4		3,453		
Johnsonville	Tennessee	3406	1		2,390		

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Brownsville CT	Tennessee	55081	AA-001				
Brownsville CT	Tennessee	55081	AA-002				
Brownsville CT	Tennessee	55081	AA-003				
Brownsville CT	Tennessee	55081	AA-004				
Bull Run	Tennessee	3396	1				
Cumberland	Tennessee	3399	1				
Cumberland	Tennessee	3399	2				
Gallatin	Tennessee	3403	1				
Gallatin	Tennessee	3403	2				
Gallatin	Tennessee	3403	3				
Gallatin	Tennessee	3403	4				
Gallatin	Tennessee	3403	GCT1				
Gallatin	Tennessee	3403	GCT2				
Gallatin	Tennessee	3403	GCT3				
Gallatin	Tennessee	3403	GCT4				
Gallatin	Tennessee	3403	GCT5				
Gallatin	Tennessee	3403	GCT6				
Gallatin	Tennessee	3403	GCT7				
Gallatin	Tennessee	3403	GCT8				
Gleason Generating Facility	Tennessee	55251	CTG-1				
Gleason Generating Facility	Tennessee	55251	CTG-2				
Gleason Generating Facility	Tennessee	55251	CTG-3				
John Sevier	Tennessee	3405	1				
John Sevier	Tennessee	3405	2				
John Sevier	Tennessee	3405	3				
John Sevier	Tennessee	3405	4				
Johnsonville	Tennessee	3406	1				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Brownsville CT	Tennessee	55081	AA-001				
Brownsville CT	Tennessee	55081	AA-002				
Brownsville CT	Tennessee	55081	AA-003				
Brownsville CT	Tennessee	55081	AA-004				
Bull Run	Tennessee	3396	1				
Cumberland	Tennessee	3399	1				
Cumberland	Tennessee	3399	2				
Gallatin	Tennessee	3403	1				
Gallatin	Tennessee	3403	2				
Gallatin	Tennessee	3403	3				
Gallatin	Tennessee	3403	4				
Gallatin	Tennessee	3403	GCT1				
Gallatin	Tennessee	3403	GCT2				
Gallatin	Tennessee	3403	GCT3				
Gallatin	Tennessee	3403	GCT4				
Gallatin	Tennessee	3403	GCT5				
Gallatin	Tennessee	3403	GCT6				
Gallatin	Tennessee	3403	GCT7				
Gallatin	Tennessee	3403	GCT8				
Gleason Generating Facility	Tennessee	55251	CTG-1				
Gleason Generating Facility	Tennessee	55251	CTG-2				
Gleason Generating Facility	Tennessee	55251	CTG-3				
John Sevier	Tennessee	3405	1				
John Sevier	Tennessee	3405	2				
John Sevier	Tennessee	3405	3				
John Sevier	Tennessee	3405	4				
Johnsonville	Tennessee	3406	1				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Brownsville CT	Tennessee	55081	AA-001	126,603	188,389	6,291	57,700	630,604	315,199
Brownsville CT	Tennessee	55081	AA-002	91,214	198,158	5,357	53,093	619,353	302,908
Brownsville CT	Tennessee	55081	AA-003	161,296	188,875	9,350	38,941	813,902	388,024
Brownsville CT	Tennessee	55081	AA-004	146,405	71,673	15,131	59,900	861,348	359,808
Bull Run	Tennessee	3396	1	21,737,416	29,497,599	23,779,279	13,696,815	18,188,055	25,004,765
Cumberland	Tennessee	3399	1	42,424,941	39,018,340	40,100,672	32,850,567	27,227,672	40,514,651
Cumberland	Tennessee	3399	2	38,844,616	40,097,084	36,734,180	31,532,367	33,483,973	38,558,627
Gallatin	Tennessee	3403	1	8,056,789	6,549,383	7,164,140	6,412,420	6,624,872	7,281,934
Gallatin	Tennessee	3403	2	8,227,897	7,376,340	7,396,651	6,913,851	5,315,169	7,666,963
Gallatin	Tennessee	3403	3	8,604,671	8,902,936	9,116,505	7,859,262	6,696,780	8,874,704
Gallatin	Tennessee	3403	4	9,023,703	9,617,799	8,898,952	7,421,482	7,396,164	9,180,151
Gallatin	Tennessee	3403	GCT1	44,705	140,772	20,746	3,522	74,660	86,712
Gallatin	Tennessee	3403	GCT2	48,380	131,447	11,248	2,824	88,507	89,445
Gallatin	Tennessee	3403	GCT3	43,514	139,273	20,680	4,556	99,426	94,071
Gallatin	Tennessee	3403	GCT4	49,881	129,439	10,256	1,090	96,936	92,085
Gallatin	Tennessee	3403	GCT5	157,813	176,050	102,874	11,723	212,144	182,002
Gallatin	Tennessee	3403	GCT6	159,928	173,201	110,662	11,915	197,331	176,820
Gallatin	Tennessee	3403	GCT7	165,084	181,692	107,988	16,737	187,299	178,025
Gallatin	Tennessee	3403	GCT8	162,114	181,493	109,846	12,361	190,318	177,975
Gleason Generating Facility	Tennessee	55251	CTG-1		286,572	27,481	10,905	348,298	220,784
Gleason Generating Facility	Tennessee	55251	CTG-2		188,427	26,539	2,367	300,637	171,868
Gleason Generating Facility	Tennessee	55251	CTG-3		110,056	18,783	5,079	132,403	87,081
John Sevier	Tennessee	3405	1	4,371,276	5,186,562	5,200,009	4,690,279	4,244,874	5,025,616
John Sevier	Tennessee	3405	2	4,539,786	5,142,461	5,026,687	3,820,260	5,025,030	5,064,726
John Sevier	Tennessee	3405	3	5,300,405	5,329,580	5,200,485	4,330,915	4,711,937	5,276,824
John Sevier	Tennessee	3405	4	5,641,174	4,607,419	5,131,160	3,328,307	4,810,141	5,194,158
Johnsonville	Tennessee	3406	1	3,964,197	3,695,674	2,901,433	3,363,937	3,149,598	3,674,603

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Brownsville CT	Tennessee	55081	AA-001	275,712,139	0.001143	14,610	7,856	17	9
Brownsville CT	Tennessee	55081	AA-002	275,712,139	0.001099	14,610	7,856	16	9
Brownsville CT	Tennessee	55081	AA-003	275,712,139	0.001407	14,610	7,856	21	11
Brownsville CT	Tennessee	55081	AA-004	275,712,139	0.001305	14,610	7,856	19	10
Bull Run	Tennessee	3396	1	275,712,139	0.090692	14,610	7,856	1,325	712
Cumberland	Tennessee	3399	1	275,712,139	0.146945	14,610	7,856	2,147	1,154
Cumberland	Tennessee	3399	2	275,712,139	0.139851	14,610	7,856	2,043	1,099
Gallatin	Tennessee	3403	1	275,712,139	0.026411	14,610	7,856	386	207
Gallatin	Tennessee	3403	2	275,712,139	0.027808	14,610	7,856	406	218
Gallatin	Tennessee	3403	3	275,712,139	0.032188	14,610	7,856	470	253
Gallatin	Tennessee	3403	4	275,712,139	0.033296	14,610	7,856	486	262
Gallatin	Tennessee	3403	GCT1	275,712,139	0.000315	14,610	7,856	5	2
Gallatin	Tennessee	3403	GCT2	275,712,139	0.000324	14,610	7,856	5	3
Gallatin	Tennessee	3403	GCT3	275,712,139	0.000341	14,610	7,856	5	3
Gallatin	Tennessee	3403	GCT4	275,712,139	0.000334	14,610	7,856	5	3
Gallatin	Tennessee	3403	GCT5	275,712,139	0.000660	14,610	7,856	10	5
Gallatin	Tennessee	3403	GCT6	275,712,139	0.000641	14,610	7,856	9	5
Gallatin	Tennessee	3403	GCT7	275,712,139	0.000646	14,610	7,856	9	5
Gallatin	Tennessee	3403	GCT8	275,712,139	0.000646	14,610	7,856	9	5
Gleason Generating Facility	Tennessee	55251	CTG-1	275,712,139	0.000801	14,610	7,856	12	6
Gleason Generating Facility	Tennessee	55251	CTG-2	275,712,139	0.000623	14,610	7,856	9	5
Gleason Generating Facility	Tennessee	55251	CTG-3	275,712,139	0.000316	14,610	7,856	5	2
John Sevier	Tennessee	3405	1	275,712,139	0.018228	14,610	7,856	266	143
John Sevier	Tennessee	3405	2	275,712,139	0.018370	14,610	7,856	268	144
John Sevier	Tennessee	3405	3	275,712,139	0.019139	14,610	7,856	280	150
John Sevier	Tennessee	3405	4	275,712,139	0.018839	14,610	7,856	275	148
Johnsonville	Tennessee	3406	1	275,712,139	0.013328	14,610	7,856	195	105

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Brownsville CT	Tennessee	55081	AA-001	2	1	1	2	3	0
Brownsville CT	Tennessee	55081	AA-002	2	1	1	2	3	0
Brownsville CT	Tennessee	55081	AA-003	1	1	2	6	7	0
Brownsville CT	Tennessee	55081	AA-004	2	2	1	6	3	1
Bull Run	Tennessee	3396	1	7,636	1,462	927	692	1,008	1,087
Cumberland	Tennessee	3399	1	3,019	1,544	1,446	1,433	1,284	1,172
Cumberland	Tennessee	3399	2	8,260	2,285	1,642	1,312	1,707	1,384
Gallatin	Tennessee	3403	1	1,067	730	758	708	513	556
Gallatin	Tennessee	3403	2	973	881	760	724	569	574
Gallatin	Tennessee	3403	3	1,429	1,094	841	781	663	682
Gallatin	Tennessee	3403	4	1,462	1,052	910	816	716	664
Gallatin	Tennessee	3403	GCT1	4	2	10	9	28	6
Gallatin	Tennessee	3403	GCT2	6	4	9	10	27	3
Gallatin	Tennessee	3403	GCT3	7	3	11	11	34	5
Gallatin	Tennessee	3403	GCT4	6	3	9	11	28	3
Gallatin	Tennessee	3403	GCT5	2	1	3	2	3	2
Gallatin	Tennessee	3403	GCT6	2	1	3	2	3	2
Gallatin	Tennessee	3403	GCT7	2	1	3	3	3	2
Gallatin	Tennessee	3403	GCT8	3	1	2	2	3	2
Gleason Generating Facility	Tennessee	55251	CTG-1					14	1
Gleason Generating Facility	Tennessee	55251	CTG-2					10	1
Gleason Generating Facility	Tennessee	55251	CTG-3					6	2
John Sevier	Tennessee	3405	1	1,042	1,081	820	792	789	792
John Sevier	Tennessee	3405	2	1,058	1,129	922	819	789	786
John Sevier	Tennessee	3405	3	1,090	1,061	987	963	996	982
John Sevier	Tennessee	3405	4	809	1,111	1,024	1,026	867	970
Johnsonville	Tennessee	3406	1	1,016	846	650	794	665	512

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Brownsville CT	Tennessee	55081	AA-001	2	15	15			
Brownsville CT	Tennessee	55081	AA-002	2	15	15			
Brownsville CT	Tennessee	55081	AA-003	2	36	36			
Brownsville CT	Tennessee	55081	AA-004	3	44	44			
Bull Run	Tennessee	3396	1	400	616	7,636			
Cumberland	Tennessee	3399	1	875	831	3,019			
Cumberland	Tennessee	3399	2	1,136	1,409	8,260			
Gallatin	Tennessee	3403	1	499	496	1,067			
Gallatin	Tennessee	3403	2	539	397	973			
Gallatin	Tennessee	3403	3	579	555	1,429			
Gallatin	Tennessee	3403	4	547	604	1,462			
Gallatin	Tennessee	3403	GCT1	1	24	28			
Gallatin	Tennessee	3403	GCT2	1	21	27			
Gallatin	Tennessee	3403	GCT3	2	24	34			
Gallatin	Tennessee	3403	GCT4	0	24	28			
Gallatin	Tennessee	3403	GCT5	0	3	3			
Gallatin	Tennessee	3403	GCT6	0	2	3			
Gallatin	Tennessee	3403	GCT7	0	3	3			
Gallatin	Tennessee	3403	GCT8	0	3	3			
Gleason Generating Facility	Tennessee	55251	CTG-1	1	23	23			
Gleason Generating Facility	Tennessee	55251	CTG-2	0	24	24			
Gleason Generating Facility	Tennessee	55251	CTG-3	0	8	8			
John Sevier	Tennessee	3405	1	537	517	1,081			
John Sevier	Tennessee	3405	2	445	611	1,129			
John Sevier	Tennessee	3405	3	525	611	1,090			
John Sevier	Tennessee	3405	4	417	625	1,111			
Johnsonville	Tennessee	3406	1	502	480	1,016			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Brownsville CT	Tennessee	55081	AA-001					
Brownsville CT	Tennessee	55081	AA-002					
Brownsville CT	Tennessee	55081	AA-003					
Brownsville CT	Tennessee	55081	AA-004					
Bull Run	Tennessee	3396	1					
Cumberland	Tennessee	3399	1					
Cumberland	Tennessee	3399	2					
Gallatin	Tennessee	3403	1					
Gallatin	Tennessee	3403	2					
Gallatin	Tennessee	3403	3					
Gallatin	Tennessee	3403	4					
Gallatin	Tennessee	3403	GCT1					
Gallatin	Tennessee	3403	GCT2					
Gallatin	Tennessee	3403	GCT3					
Gallatin	Tennessee	3403	GCT4					
Gallatin	Tennessee	3403	GCT5					
Gallatin	Tennessee	3403	GCT6					
Gallatin	Tennessee	3403	GCT7					
Gallatin	Tennessee	3403	GCT8					
Gleason Generating Facility	Tennessee	55251	CTG-1					
Gleason Generating Facility	Tennessee	55251	CTG-2					
Gleason Generating Facility	Tennessee	55251	CTG-3					
John Sevier	Tennessee	3405	1					
John Sevier	Tennessee	3405	2					
John Sevier	Tennessee	3405	3					
John Sevier	Tennessee	3405	4					
Johnsonville	Tennessee	3406	1					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Brownsville CT	Tennessee	55081	AA-001					Y
Brownsville CT	Tennessee	55081	AA-002					Y
Brownsville CT	Tennessee	55081	AA-003					Y
Brownsville CT	Tennessee	55081	AA-004					Y
Bull Run	Tennessee	3396	1					Y
Cumberland	Tennessee	3399	1					Y
Cumberland	Tennessee	3399	2					Y
Gallatin	Tennessee	3403	1					Y
Gallatin	Tennessee	3403	2					Y
Gallatin	Tennessee	3403	3					Y
Gallatin	Tennessee	3403	4					Y
Gallatin	Tennessee	3403	GCT1					Y
Gallatin	Tennessee	3403	GCT2					Y
Gallatin	Tennessee	3403	GCT3					Y
Gallatin	Tennessee	3403	GCT4					Y
Gallatin	Tennessee	3403	GCT5					Y
Gallatin	Tennessee	3403	GCT6					Y
Gallatin	Tennessee	3403	GCT7					Y
Gallatin	Tennessee	3403	GCT8					Y
Gleason Generating Facility	Tennessee	55251	CTG-1					Y
Gleason Generating Facility	Tennessee	55251	CTG-2					Y
Gleason Generating Facility	Tennessee	55251	CTG-3					Y
John Sevier	Tennessee	3405	1					Y
John Sevier	Tennessee	3405	2					Y
John Sevier	Tennessee	3405	3					Y
John Sevier	Tennessee	3405	4					Y
Johnsonville	Tennessee	3406	1					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Brownsville CT	Tennessee	55081	AA-001	Y		Y		
Brownsville CT	Tennessee	55081	AA-002	Y		Y		
Brownsville CT	Tennessee	55081	AA-003	Y		Y		
Brownsville CT	Tennessee	55081	AA-004	Y		Y		
Bull Run	Tennessee	3396	1	Y		Y		
Cumberland	Tennessee	3399	1	Y		Y		
Cumberland	Tennessee	3399	2	Y		Y		
Gallatin	Tennessee	3403	1	Y		Y		
Gallatin	Tennessee	3403	2	Y		Y		
Gallatin	Tennessee	3403	3	Y		Y		
Gallatin	Tennessee	3403	4	Y		Y		
Gallatin	Tennessee	3403	GCT1	Y		Y		
Gallatin	Tennessee	3403	GCT2	Y		Y		
Gallatin	Tennessee	3403	GCT3	Y		Y		
Gallatin	Tennessee	3403	GCT4	Y		Y		
Gallatin	Tennessee	3403	GCT5	Y		Y		
Gallatin	Tennessee	3403	GCT6	Y		Y		
Gallatin	Tennessee	3403	GCT7	Y		Y		
Gallatin	Tennessee	3403	GCT8	Y		Y		
Gleason Generating Facility	Tennessee	55251	CTG-1	Y		Y		
Gleason Generating Facility	Tennessee	55251	CTG-2	Y		Y		
Gleason Generating Facility	Tennessee	55251	CTG-3	Y		Y		
John Sevier	Tennessee	3405	1	Y		Y		
John Sevier	Tennessee	3405	2	Y		Y		
John Sevier	Tennessee	3405	3	Y		Y		
John Sevier	Tennessee	3405	4	Y		Y		
Johnsonville	Tennessee	3406	1	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Johnsonville	Tennessee	3406	10	2267	10,508,861	10,312,738	7,972,832	4,606,715	6,831,413
Johnsonville	Tennessee	3406	2	2268	9,049,181	8,922,565	7,504,669	7,708,059	6,962,936
Johnsonville	Tennessee	3406	3	2269	9,261,144	9,288,718	8,178,639	5,309,653	7,535,556
Johnsonville	Tennessee	3406	4	2270	7,806,692	8,710,940	7,290,832	6,140,973	6,626,615
Johnsonville	Tennessee	3406	5	2271	6,296,254	8,787,507	8,014,175	4,495,487	5,554,564
Johnsonville	Tennessee	3406	6	2272	8,849,309	7,698,202	8,035,928	4,502,566	5,975,850
Johnsonville	Tennessee	3406	7	2273	9,295,602	8,784,577	8,549,193	3,896,793	8,568,537
Johnsonville	Tennessee	3406	8	2274	10,073,116	10,188,252	8,922,097	3,653,278	6,808,073
Johnsonville	Tennessee	3406	9	2275	7,991,044	9,865,657	9,553,221	4,526,358	8,874,630
Johnsonville	Tennessee	3406	JCT1	88166	15,835	12,575	11,079	45,709	45,960
Johnsonville	Tennessee	3406	JCT10	88167	16,799	6,563	5,859	16,915	13,903
Johnsonville	Tennessee	3406	JCT11	88168	18,945	5,283	7,545	22,234	28,272
Johnsonville	Tennessee	3406	JCT12	88169	16,622	6,548	7,488	7,981	31,009
Johnsonville	Tennessee	3406	JCT13	88170	16,411	3,957	6,731	27,949	30,889
Johnsonville	Tennessee	3406	JCT14	88171	18,606	4,092	7,083	18,636	27,512
Johnsonville	Tennessee	3406	JCT15	88172	28,354	8,164	6,783	16,529	25,565
Johnsonville	Tennessee	3406	JCT16	88173	19,149	7,898	6,363	25,260	27,131
Johnsonville	Tennessee	3406	JCT17	2276	165,392	74,716	78,908	86,269	217,750
Johnsonville	Tennessee	3406	JCT18	2277	144,893	76,957	83,416	94,150	251,055
Johnsonville	Tennessee	3406	JCT19	2278	150,820	83,200	80,786	63,850	239,568
Johnsonville	Tennessee	3406	JCT2	88174	17,565	12,768	69,146	30,538	49,747
Johnsonville	Tennessee	3406	JCT20	2279	165,427	75,075	77,485	86,495	216,721
Johnsonville	Tennessee	3406	JCT3	88175	14,780	12,202	8,621	31,423	41,174
Johnsonville	Tennessee	3406	JCT4	88176	14,958	10,860	7,503	30,937	44,359
Johnsonville	Tennessee	3406	JCT5	88177	12,341	9,217	14,125	24,545	35,709
Johnsonville	Tennessee	3406	JCT6	88178	16,426	10,736	8,779	21,550	33,180
Johnsonville	Tennessee	3406	JCT7	88179	15,023	4,434	9,231	30,200	15,302

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Johnsonville	Tennessee	3406	10	9,598,144	616,729,984	0.015563	145,187	57,656
Johnsonville	Tennessee	3406	2	8,559,935	616,729,984	0.013880	145,187	57,656
Johnsonville	Tennessee	3406	3	8,909,500	616,729,984	0.014446	145,187	57,656
Johnsonville	Tennessee	3406	4	7,936,154	616,729,984	0.012868	145,187	57,656
Johnsonville	Tennessee	3406	5	7,699,312	616,729,984	0.012484	145,187	57,656
Johnsonville	Tennessee	3406	6	8,194,480	616,729,984	0.013287	145,187	57,656
Johnsonville	Tennessee	3406	7	8,882,905	616,729,984	0.014403	145,187	57,656
Johnsonville	Tennessee	3406	8	9,727,821	616,729,984	0.015773	145,187	57,656
Johnsonville	Tennessee	3406	9	9,431,169	616,729,984	0.015292	145,187	57,656
Johnsonville	Tennessee	3406	JCT1	35,835	616,729,984	0.000058	145,187	57,656
Johnsonville	Tennessee	3406	JCT10	15,873	616,729,984	0.000026	145,187	57,656
Johnsonville	Tennessee	3406	JCT11	23,150	616,729,984	0.000038	145,187	57,656
Johnsonville	Tennessee	3406	JCT12	18,537	616,729,984	0.000030	145,187	57,656
Johnsonville	Tennessee	3406	JCT13	25,083	616,729,984	0.000041	145,187	57,656
Johnsonville	Tennessee	3406	JCT14	21,585	616,729,984	0.000035	145,187	57,656
Johnsonville	Tennessee	3406	JCT15	23,483	616,729,984	0.000038	145,187	57,656
Johnsonville	Tennessee	3406	JCT16	23,847	616,729,984	0.000039	145,187	57,656
Johnsonville	Tennessee	3406	JCT17	156,470	616,729,984	0.000254	145,187	57,656
Johnsonville	Tennessee	3406	JCT18	163,366	616,729,984	0.000265	145,187	57,656
Johnsonville	Tennessee	3406	JCT19	157,863	616,729,984	0.000256	145,187	57,656
Johnsonville	Tennessee	3406	JCT2	49,810	616,729,984	0.000081	145,187	57,656
Johnsonville	Tennessee	3406	JCT20	156,215	616,729,984	0.000253	145,187	57,656
Johnsonville	Tennessee	3406	JCT3	29,126	616,729,984	0.000047	145,187	57,656
Johnsonville	Tennessee	3406	JCT4	30,085	616,729,984	0.000049	145,187	57,656
Johnsonville	Tennessee	3406	JCT5	24,793	616,729,984	0.000040	145,187	57,656
Johnsonville	Tennessee	3406	JCT6	23,719	616,729,984	0.000038	145,187	57,656
Johnsonville	Tennessee	3406	JCT7	20,175	616,729,984	0.000033	145,187	57,656

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Johnsonville	Tennessee	3406	10	34,989	18,950	2,260	897	545	295
Johnsonville	Tennessee	3406	2	34,989	18,950	2,015	800	486	263
Johnsonville	Tennessee	3406	3	34,989	18,950	2,097	833	505	274
Johnsonville	Tennessee	3406	4	34,989	18,950	1,868	742	450	244
Johnsonville	Tennessee	3406	5	34,989	18,950	1,813	720	437	237
Johnsonville	Tennessee	3406	6	34,989	18,950	1,929	766	465	252
Johnsonville	Tennessee	3406	7	34,989	18,950	2,091	830	504	273
Johnsonville	Tennessee	3406	8	34,989	18,950	2,290	909	552	299
Johnsonville	Tennessee	3406	9	34,989	18,950	2,220	882	535	290
Johnsonville	Tennessee	3406	JCT1	34,989	18,950	8	3	2	1
Johnsonville	Tennessee	3406	JCT10	34,989	18,950	4	1	1	0
Johnsonville	Tennessee	3406	JCT11	34,989	18,950	5	2	1	1
Johnsonville	Tennessee	3406	JCT12	34,989	18,950	4	2	1	1
Johnsonville	Tennessee	3406	JCT13	34,989	18,950	6	2	1	1
Johnsonville	Tennessee	3406	JCT14	34,989	18,950	5	2	1	1
Johnsonville	Tennessee	3406	JCT15	34,989	18,950	6	2	1	1
Johnsonville	Tennessee	3406	JCT16	34,989	18,950	6	2	1	1
Johnsonville	Tennessee	3406	JCT17	34,989	18,950	37	15	9	5
Johnsonville	Tennessee	3406	JCT18	34,989	18,950	38	15	9	5
Johnsonville	Tennessee	3406	JCT19	34,989	18,950	37	15	9	5
Johnsonville	Tennessee	3406	JCT2	34,989	18,950	12	5	3	2
Johnsonville	Tennessee	3406	JCT20	34,989	18,950	37	15	9	5
Johnsonville	Tennessee	3406	JCT3	34,989	18,950	7	3	2	1
Johnsonville	Tennessee	3406	JCT4	34,989	18,950	7	3	2	1
Johnsonville	Tennessee	3406	JCT5	34,989	18,950	6	2	1	1
Johnsonville	Tennessee	3406	JCT6	34,989	18,950	6	2	1	1
Johnsonville	Tennessee	3406	JCT7	34,989	18,950	5	2	1	1

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Johnsonville	Tennessee	3406	10	8,000	10,922	8,386	10,369	7,365	4,991
Johnsonville	Tennessee	3406	2	9,234	9,754	7,481	8,961	6,374	4,724
Johnsonville	Tennessee	3406	3	10,230	7,949	7,836	9,175	6,647	5,125
Johnsonville	Tennessee	3406	4	10,528	9,743	7,304	7,909	6,238	4,562
Johnsonville	Tennessee	3406	5	10,030	8,344	5,898	5,597	6,288	5,029
Johnsonville	Tennessee	3406	6	10,298	9,089	6,978	8,749	5,431	5,033
Johnsonville	Tennessee	3406	7	11,079	10,215	7,323	9,179	6,255	5,367
Johnsonville	Tennessee	3406	8	10,714	9,835	8,213	9,947	7,311	5,605
Johnsonville	Tennessee	3406	9	9,238	9,822	8,374	7,986	7,037	6,006
Johnsonville	Tennessee	3406	JCT1						
Johnsonville	Tennessee	3406	JCT10						
Johnsonville	Tennessee	3406	JCT11						
Johnsonville	Tennessee	3406	JCT12						
Johnsonville	Tennessee	3406	JCT13						
Johnsonville	Tennessee	3406	JCT14						
Johnsonville	Tennessee	3406	JCT15						
Johnsonville	Tennessee	3406	JCT16						
Johnsonville	Tennessee	3406	JCT17	3	0	1	0	0	0
Johnsonville	Tennessee	3406	JCT18	2	0	1	0	0	0
Johnsonville	Tennessee	3406	JCT19	3	0	1	0	0	0
Johnsonville	Tennessee	3406	JCT2						
Johnsonville	Tennessee	3406	JCT20	4	0	1	0	0	0
Johnsonville	Tennessee	3406	JCT3						
Johnsonville	Tennessee	3406	JCT4						
Johnsonville	Tennessee	3406	JCT5						
Johnsonville	Tennessee	3406	JCT6						
Johnsonville	Tennessee	3406	JCT7						

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Johnsonville	Tennessee	3406	10	2,923	3,824	10,922		2,730	
Johnsonville	Tennessee	3406	2	4,587	3,993	9,754		2,435	
Johnsonville	Tennessee	3406	3	3,119	4,327	10,230		2,535	
Johnsonville	Tennessee	3406	4	3,808	3,753	10,528		2,257	
Johnsonville	Tennessee	3406	5	2,692	3,155	10,030		2,190	
Johnsonville	Tennessee	3406	6	2,701	3,414	10,298		2,331	
Johnsonville	Tennessee	3406	7	2,400	4,872	11,079		2,527	
Johnsonville	Tennessee	3406	8	2,334	3,995	10,714		2,767	
Johnsonville	Tennessee	3406	9	2,880	5,052	9,822		2,683	
Johnsonville	Tennessee	3406	JCT1	5	2	5			
Johnsonville	Tennessee	3406	JCT10	1	2	2			
Johnsonville	Tennessee	3406	JCT11	1	2	2			
Johnsonville	Tennessee	3406	JCT12	1	2	2			
Johnsonville	Tennessee	3406	JCT13	1	2	2			
Johnsonville	Tennessee	3406	JCT14	1	2	2			
Johnsonville	Tennessee	3406	JCT15	1	1	1			
Johnsonville	Tennessee	3406	JCT16	1	2	2			
Johnsonville	Tennessee	3406	JCT17	0	0	3			
Johnsonville	Tennessee	3406	JCT18	0	0	2			
Johnsonville	Tennessee	3406	JCT19	0	0	3			
Johnsonville	Tennessee	3406	JCT2	1	2	2			
Johnsonville	Tennessee	3406	JCT20	0	0	4			
Johnsonville	Tennessee	3406	JCT3	1	2	2			
Johnsonville	Tennessee	3406	JCT4	1	3	3			
Johnsonville	Tennessee	3406	JCT5	1	2	2			
Johnsonville	Tennessee	3406	JCT6	1	2	2			
Johnsonville	Tennessee	3406	JCT7	1	2	2			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Johnsonville	Tennessee	3406	10				1,781	2,289	1,993
Johnsonville	Tennessee	3406	2				2,060	2,016	1,784
Johnsonville	Tennessee	3406	3				2,324	1,689	1,863
Johnsonville	Tennessee	3406	4				2,383	2,050	1,737
Johnsonville	Tennessee	3406	5				2,273	1,743	1,441
Johnsonville	Tennessee	3406	6				2,336	1,919	1,670
Johnsonville	Tennessee	3406	7				2,505	2,133	1,701
Johnsonville	Tennessee	3406	8				2,458	2,038	1,955
Johnsonville	Tennessee	3406	9				2,103	2,059	1,994
Johnsonville	Tennessee	3406	JCT1				18	1	2
Johnsonville	Tennessee	3406	JCT10				3	1	3
Johnsonville	Tennessee	3406	JCT11				32	1	3
Johnsonville	Tennessee	3406	JCT12				2	1	3
Johnsonville	Tennessee	3406	JCT13				2	1	2
Johnsonville	Tennessee	3406	JCT14				2	1	2
Johnsonville	Tennessee	3406	JCT15				10	1	2
Johnsonville	Tennessee	3406	JCT16				10	1	2
Johnsonville	Tennessee	3406	JCT17				12	3	6
Johnsonville	Tennessee	3406	JCT18				7	3	7
Johnsonville	Tennessee	3406	JCT19				11	3	7
Johnsonville	Tennessee	3406	JCT2				18	1	3
Johnsonville	Tennessee	3406	JCT20				13	3	7
Johnsonville	Tennessee	3406	JCT3				17	1	2
Johnsonville	Tennessee	3406	JCT4				17	1	3
Johnsonville	Tennessee	3406	JCT5				17	1	2
Johnsonville	Tennessee	3406	JCT6				16	1	2
Johnsonville	Tennessee	3406	JCT7				13	1	3

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Johnsonville	Tennessee	3406	10	2,159	2,063	1,502	774	1,018	2,289
Johnsonville	Tennessee	3406	2	1,854	1,772	1,423	1,180	1,026	2,060
Johnsonville	Tennessee	3406	3	1,901	1,846	1,558	853	1,109	2,324
Johnsonville	Tennessee	3406	4	1,592	1,734	1,386	933	990	2,383
Johnsonville	Tennessee	3406	5	1,293	1,762	1,525	742	835	2,273
Johnsonville	Tennessee	3406	6	1,817	1,507	1,539	738	890	2,336
Johnsonville	Tennessee	3406	7	1,915	1,780	1,648	650	1,266	2,505
Johnsonville	Tennessee	3406	8	2,085	2,045	1,711	620	1,032	2,458
Johnsonville	Tennessee	3406	9	1,670	2,004	1,836	760	1,324	2,103
Johnsonville	Tennessee	3406	JCT1	2	2	3	13	11	18
Johnsonville	Tennessee	3406	JCT10	3	1	2	4	4	4
Johnsonville	Tennessee	3406	JCT11	2	1	2	5	7	32
Johnsonville	Tennessee	3406	JCT12	3	1	2	2	8	8
Johnsonville	Tennessee	3406	JCT13	2	1	2	7	7	7
Johnsonville	Tennessee	3406	JCT14	3	1	2	5	7	7
Johnsonville	Tennessee	3406	JCT15	7	1	2	4	6	10
Johnsonville	Tennessee	3406	JCT16	3	1	2	6	7	10
Johnsonville	Tennessee	3406	JCT17	3	2	2	2	4	12
Johnsonville	Tennessee	3406	JCT18	3	2	2	2	5	7
Johnsonville	Tennessee	3406	JCT19	2	2	2	1	4	11
Johnsonville	Tennessee	3406	JCT2	4	2	18	7	12	18
Johnsonville	Tennessee	3406	JCT20	3	2	1	1	4	13
Johnsonville	Tennessee	3406	JCT3	2	2	2	7	9	17
Johnsonville	Tennessee	3406	JCT4	2	2	3	7	11	17
Johnsonville	Tennessee	3406	JCT5	2	1	4	6	8	17
Johnsonville	Tennessee	3406	JCT6	3	2	3	5	8	16
Johnsonville	Tennessee	3406	JCT7	2	1	3	7	4	13

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Johnsonville	Tennessee	3406	10						
Johnsonville	Tennessee	3406	2						
Johnsonville	Tennessee	3406	3						
Johnsonville	Tennessee	3406	4						
Johnsonville	Tennessee	3406	5						
Johnsonville	Tennessee	3406	6						
Johnsonville	Tennessee	3406	7						
Johnsonville	Tennessee	3406	8						
Johnsonville	Tennessee	3406	9						
Johnsonville	Tennessee	3406	JCT1						
Johnsonville	Tennessee	3406	JCT10						
Johnsonville	Tennessee	3406	JCT11						
Johnsonville	Tennessee	3406	JCT12						
Johnsonville	Tennessee	3406	JCT13						
Johnsonville	Tennessee	3406	JCT14						
Johnsonville	Tennessee	3406	JCT15						
Johnsonville	Tennessee	3406	JCT16						
Johnsonville	Tennessee	3406	JCT17						
Johnsonville	Tennessee	3406	JCT18						
Johnsonville	Tennessee	3406	JCT19						
Johnsonville	Tennessee	3406	JCT2						
Johnsonville	Tennessee	3406	JCT20						
Johnsonville	Tennessee	3406	JCT3						
Johnsonville	Tennessee	3406	JCT4						
Johnsonville	Tennessee	3406	JCT5						
Johnsonville	Tennessee	3406	JCT6						
Johnsonville	Tennessee	3406	JCT7						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Johnsonville	Tennessee	3406	10		2,730		
Johnsonville	Tennessee	3406	2		2,435		
Johnsonville	Tennessee	3406	3		2,535		
Johnsonville	Tennessee	3406	4		2,257		
Johnsonville	Tennessee	3406	5		2,190		
Johnsonville	Tennessee	3406	6		2,331		
Johnsonville	Tennessee	3406	7		2,527		
Johnsonville	Tennessee	3406	8		2,767		
Johnsonville	Tennessee	3406	9		2,683		
Johnsonville	Tennessee	3406	JCT1		5		
Johnsonville	Tennessee	3406	JCT10		2		
Johnsonville	Tennessee	3406	JCT11		2		
Johnsonville	Tennessee	3406	JCT12		2		
Johnsonville	Tennessee	3406	JCT13		2		
Johnsonville	Tennessee	3406	JCT14		2		
Johnsonville	Tennessee	3406	JCT15		1		
Johnsonville	Tennessee	3406	JCT16		2		
Johnsonville	Tennessee	3406	JCT17		3		
Johnsonville	Tennessee	3406	JCT18		2		
Johnsonville	Tennessee	3406	JCT19		3		
Johnsonville	Tennessee	3406	JCT2		2		
Johnsonville	Tennessee	3406	JCT20		4		
Johnsonville	Tennessee	3406	JCT3		2		
Johnsonville	Tennessee	3406	JCT4		3		
Johnsonville	Tennessee	3406	JCT5		2		
Johnsonville	Tennessee	3406	JCT6		2		
Johnsonville	Tennessee	3406	JCT7		2		

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Johnsonville	Tennessee	3406	10				
Johnsonville	Tennessee	3406	2				
Johnsonville	Tennessee	3406	3				
Johnsonville	Tennessee	3406	4				
Johnsonville	Tennessee	3406	5				
Johnsonville	Tennessee	3406	6				
Johnsonville	Tennessee	3406	7				
Johnsonville	Tennessee	3406	8				
Johnsonville	Tennessee	3406	9				
Johnsonville	Tennessee	3406	JCT1				
Johnsonville	Tennessee	3406	JCT10				
Johnsonville	Tennessee	3406	JCT11				
Johnsonville	Tennessee	3406	JCT12				
Johnsonville	Tennessee	3406	JCT13				
Johnsonville	Tennessee	3406	JCT14				
Johnsonville	Tennessee	3406	JCT15				
Johnsonville	Tennessee	3406	JCT16				
Johnsonville	Tennessee	3406	JCT17				
Johnsonville	Tennessee	3406	JCT18				
Johnsonville	Tennessee	3406	JCT19				
Johnsonville	Tennessee	3406	JCT2				
Johnsonville	Tennessee	3406	JCT20				
Johnsonville	Tennessee	3406	JCT3				
Johnsonville	Tennessee	3406	JCT4				
Johnsonville	Tennessee	3406	JCT5				
Johnsonville	Tennessee	3406	JCT6				
Johnsonville	Tennessee	3406	JCT7				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Johnsonville	Tennessee	3406	10				
Johnsonville	Tennessee	3406	2				
Johnsonville	Tennessee	3406	3				
Johnsonville	Tennessee	3406	4				
Johnsonville	Tennessee	3406	5				
Johnsonville	Tennessee	3406	6				
Johnsonville	Tennessee	3406	7				
Johnsonville	Tennessee	3406	8				
Johnsonville	Tennessee	3406	9				
Johnsonville	Tennessee	3406	JCT1				
Johnsonville	Tennessee	3406	JCT10				
Johnsonville	Tennessee	3406	JCT11				
Johnsonville	Tennessee	3406	JCT12				
Johnsonville	Tennessee	3406	JCT13				
Johnsonville	Tennessee	3406	JCT14				
Johnsonville	Tennessee	3406	JCT15				
Johnsonville	Tennessee	3406	JCT16				
Johnsonville	Tennessee	3406	JCT17				
Johnsonville	Tennessee	3406	JCT18				
Johnsonville	Tennessee	3406	JCT19				
Johnsonville	Tennessee	3406	JCT2				
Johnsonville	Tennessee	3406	JCT20				
Johnsonville	Tennessee	3406	JCT3				
Johnsonville	Tennessee	3406	JCT4				
Johnsonville	Tennessee	3406	JCT5				
Johnsonville	Tennessee	3406	JCT6				
Johnsonville	Tennessee	3406	JCT7				

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Johnsonville	Tennessee	3406	10	4,580,714	4,619,109	3,811,856	1,812,229	3,231,387	4,337,226
Johnsonville	Tennessee	3406	2	3,947,788	4,113,273	3,788,782	3,499,656	3,048,394	3,949,948
Johnsonville	Tennessee	3406	3	3,911,200	4,306,748	3,484,164	2,352,779	3,321,830	3,900,704
Johnsonville	Tennessee	3406	4	4,003,320	3,899,016	3,169,780	2,259,649	3,373,289	3,758,541
Johnsonville	Tennessee	3406	5	4,014,864	3,911,796	3,598,642	2,233,829	2,917,779	3,841,767
Johnsonville	Tennessee	3406	6	3,786,234	3,994,966	3,354,478	1,173,673	2,857,696	3,711,892
Johnsonville	Tennessee	3406	7	4,123,854	3,708,006	3,732,899	590,212	3,531,930	3,854,920
Johnsonville	Tennessee	3406	8	4,159,269	4,459,375	3,704,207	1,519,004	2,798,931	4,107,617
Johnsonville	Tennessee	3406	9	2,743,458	3,719,490	3,928,210	1,266,200	4,069,323	3,905,674
Johnsonville	Tennessee	3406	JCT1	15,835	12,575	2,323	25,052	38,108	26,332
Johnsonville	Tennessee	3406	JCT10	16,799	6,563	1,763	8,861	9,836	11,832
Johnsonville	Tennessee	3406	JCT11	18,945	5,283	1,938	6,444	23,305	16,231
Johnsonville	Tennessee	3406	JCT12	16,622	6,548	1,660	6,994	25,823	16,480
Johnsonville	Tennessee	3406	JCT13	16,411	3,957	3,430	6,810	28,053	17,091
Johnsonville	Tennessee	3406	JCT14	18,606	4,092	3,349	6,927	24,561	16,698
Johnsonville	Tennessee	3406	JCT15	28,354	8,164	3,439	13,703	23,320	21,792
Johnsonville	Tennessee	3406	JCT16	19,149	7,898	3,326	6,834	24,584	17,210
Johnsonville	Tennessee	3406	JCT17	132,135	61,122	51,713	57,521	133,880	109,046
Johnsonville	Tennessee	3406	JCT18	106,044	62,235	52,727	52,571	155,139	107,806
Johnsonville	Tennessee	3406	JCT19	117,120	66,791	50,381	39,305	138,964	107,625
Johnsonville	Tennessee	3406	JCT2	17,565	12,768	3,668	8,106	38,657	22,997
Johnsonville	Tennessee	3406	JCT20	128,878	60,448	47,910	52,621	126,936	105,421
Johnsonville	Tennessee	3406	JCT3	14,780	12,202	2,106	8,553	33,920	20,301
Johnsonville	Tennessee	3406	JCT4	14,958	10,860	2,458	8,796	34,020	19,946
Johnsonville	Tennessee	3406	JCT5	12,341	9,217	7,547	2,435	28,028	16,529
Johnsonville	Tennessee	3406	JCT6	16,426	10,736	2,530	6,461	26,772	17,978
Johnsonville	Tennessee	3406	JCT7	15,023	4,434	4,841	13,619	13,687	14,109

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Johnsonville	Tennessee	3406	10	275,712,139	0.015731	14,610	7,856	230	124
Johnsonville	Tennessee	3406	2	275,712,139	0.014326	14,610	7,856	209	113
Johnsonville	Tennessee	3406	3	275,712,139	0.014148	14,610	7,856	207	111
Johnsonville	Tennessee	3406	4	275,712,139	0.013632	14,610	7,856	199	107
Johnsonville	Tennessee	3406	5	275,712,139	0.013934	14,610	7,856	204	109
Johnsonville	Tennessee	3406	6	275,712,139	0.013463	14,610	7,856	197	106
Johnsonville	Tennessee	3406	7	275,712,139	0.013982	14,610	7,856	204	110
Johnsonville	Tennessee	3406	8	275,712,139	0.014898	14,610	7,856	218	117
Johnsonville	Tennessee	3406	9	275,712,139	0.014166	14,610	7,856	207	111
Johnsonville	Tennessee	3406	JCT1	275,712,139	0.000096	14,610	7,856	1	1
Johnsonville	Tennessee	3406	JCT10	275,712,139	0.000043	14,610	7,856	1	0
Johnsonville	Tennessee	3406	JCT11	275,712,139	0.000059	14,610	7,856	1	0
Johnsonville	Tennessee	3406	JCT12	275,712,139	0.000060	14,610	7,856	1	0
Johnsonville	Tennessee	3406	JCT13	275,712,139	0.000062	14,610	7,856	1	0
Johnsonville	Tennessee	3406	JCT14	275,712,139	0.000061	14,610	7,856	1	0
Johnsonville	Tennessee	3406	JCT15	275,712,139	0.000079	14,610	7,856	1	1
Johnsonville	Tennessee	3406	JCT16	275,712,139	0.000062	14,610	7,856	1	0
Johnsonville	Tennessee	3406	JCT17	275,712,139	0.000396	14,610	7,856	6	3
Johnsonville	Tennessee	3406	JCT18	275,712,139	0.000391	14,610	7,856	6	3
Johnsonville	Tennessee	3406	JCT19	275,712,139	0.000390	14,610	7,856	6	3
Johnsonville	Tennessee	3406	JCT2	275,712,139	0.000083	14,610	7,856	1	1
Johnsonville	Tennessee	3406	JCT20	275,712,139	0.000382	14,610	7,856	6	3
Johnsonville	Tennessee	3406	JCT3	275,712,139	0.000074	14,610	7,856	1	1
Johnsonville	Tennessee	3406	JCT4	275,712,139	0.000072	14,610	7,856	1	1
Johnsonville	Tennessee	3406	JCT5	275,712,139	0.000060	14,610	7,856	1	0
Johnsonville	Tennessee	3406	JCT6	275,712,139	0.000065	14,610	7,856	1	1
Johnsonville	Tennessee	3406	JCT7	275,712,139	0.000051	14,610	7,856	1	0

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Johnsonville	Tennessee	3406	10	752	941	814	922	836	686
Johnsonville	Tennessee	3406	2	982	942	793	791	740	680
Johnsonville	Tennessee	3406	3	953	670	841	787	776	625
Johnsonville	Tennessee	3406	4	972	796	812	804	699	568
Johnsonville	Tennessee	3406	5	921	685	637	805	709	645
Johnsonville	Tennessee	3406	6	970	729	742	759	722	603
Johnsonville	Tennessee	3406	7	1,006	928	837	830	678	675
Johnsonville	Tennessee	3406	8	937	982	843	846	807	667
Johnsonville	Tennessee	3406	9	582	787	861	571	677	709
Johnsonville	Tennessee	3406	JCT1	18	1	2	2	2	1
Johnsonville	Tennessee	3406	JCT10	3	1	3	3	1	1
Johnsonville	Tennessee	3406	JCT11	32	1	3	2	1	1
Johnsonville	Tennessee	3406	JCT12	2	1	3	3	1	1
Johnsonville	Tennessee	3406	JCT13	2	1	2	2	1	1
Johnsonville	Tennessee	3406	JCT14	2	1	2	3	1	1
Johnsonville	Tennessee	3406	JCT15	10	1	2	7	1	1
Johnsonville	Tennessee	3406	JCT16	10	1	2	3	1	1
Johnsonville	Tennessee	3406	JCT17	5	1	4	2	1	1
Johnsonville	Tennessee	3406	JCT18	4	1	4	2	1	1
Johnsonville	Tennessee	3406	JCT19	5	1	4	1	1	1
Johnsonville	Tennessee	3406	JCT2	18	1	3	4	2	1
Johnsonville	Tennessee	3406	JCT20	4	1	4	2	1	1
Johnsonville	Tennessee	3406	JCT3	17	1	2	2	2	1
Johnsonville	Tennessee	3406	JCT4	17	1	3	2	2	1
Johnsonville	Tennessee	3406	JCT5	17	1	2	2	1	2
Johnsonville	Tennessee	3406	JCT6	16	1	2	3	2	1
Johnsonville	Tennessee	3406	JCT7	13	1	3	2	1	2

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Johnsonville	Tennessee	3406	10	294	490	941			
Johnsonville	Tennessee	3406	2	521	465	982			
Johnsonville	Tennessee	3406	3	370	505	953			
Johnsonville	Tennessee	3406	4	332	513	972			
Johnsonville	Tennessee	3406	5	356	443	921			
Johnsonville	Tennessee	3406	6	187	434	970			
Johnsonville	Tennessee	3406	7	100	538	1,006			
Johnsonville	Tennessee	3406	8	252	440	982			
Johnsonville	Tennessee	3406	9	212	619	861			
Johnsonville	Tennessee	3406	JCT1	8	9	18			
Johnsonville	Tennessee	3406	JCT10	2	3	3			
Johnsonville	Tennessee	3406	JCT11	2	6	32			
Johnsonville	Tennessee	3406	JCT12	2	6	6			
Johnsonville	Tennessee	3406	JCT13	2	7	7			
Johnsonville	Tennessee	3406	JCT14	2	6	6			
Johnsonville	Tennessee	3406	JCT15	3	6	10			
Johnsonville	Tennessee	3406	JCT16	2	6	10			
Johnsonville	Tennessee	3406	JCT17	1	2	5			
Johnsonville	Tennessee	3406	JCT18	1	3	4			
Johnsonville	Tennessee	3406	JCT19	1	2	5			
Johnsonville	Tennessee	3406	JCT2	2	9	18			
Johnsonville	Tennessee	3406	JCT20	1	2	4			
Johnsonville	Tennessee	3406	JCT3	2	8	17			
Johnsonville	Tennessee	3406	JCT4	2	8	17			
Johnsonville	Tennessee	3406	JCT5	1	7	17			
Johnsonville	Tennessee	3406	JCT6	2	6	16			
Johnsonville	Tennessee	3406	JCT7	3	4	13			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Johnsonville	Tennessee	3406	10					
Johnsonville	Tennessee	3406	2					
Johnsonville	Tennessee	3406	3					
Johnsonville	Tennessee	3406	4					
Johnsonville	Tennessee	3406	5					
Johnsonville	Tennessee	3406	6					
Johnsonville	Tennessee	3406	7					
Johnsonville	Tennessee	3406	8					
Johnsonville	Tennessee	3406	9					
Johnsonville	Tennessee	3406	JCT1					
Johnsonville	Tennessee	3406	JCT10					
Johnsonville	Tennessee	3406	JCT11					
Johnsonville	Tennessee	3406	JCT12					
Johnsonville	Tennessee	3406	JCT13					
Johnsonville	Tennessee	3406	JCT14					
Johnsonville	Tennessee	3406	JCT15					
Johnsonville	Tennessee	3406	JCT16					
Johnsonville	Tennessee	3406	JCT17					
Johnsonville	Tennessee	3406	JCT18					
Johnsonville	Tennessee	3406	JCT19					
Johnsonville	Tennessee	3406	JCT2					
Johnsonville	Tennessee	3406	JCT20					
Johnsonville	Tennessee	3406	JCT3					
Johnsonville	Tennessee	3406	JCT4					
Johnsonville	Tennessee	3406	JCT5					
Johnsonville	Tennessee	3406	JCT6					
Johnsonville	Tennessee	3406	JCT7					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Johnsonville	Tennessee	3406	10					Y
Johnsonville	Tennessee	3406	2					Y
Johnsonville	Tennessee	3406	3					Y
Johnsonville	Tennessee	3406	4					Y
Johnsonville	Tennessee	3406	5					Y
Johnsonville	Tennessee	3406	6					Y
Johnsonville	Tennessee	3406	7					Y
Johnsonville	Tennessee	3406	8					Y
Johnsonville	Tennessee	3406	9					Y
Johnsonville	Tennessee	3406	JCT1					Y
Johnsonville	Tennessee	3406	JCT10					Y
Johnsonville	Tennessee	3406	JCT11					Y
Johnsonville	Tennessee	3406	JCT12					Y
Johnsonville	Tennessee	3406	JCT13					Y
Johnsonville	Tennessee	3406	JCT14					Y
Johnsonville	Tennessee	3406	JCT15					Y
Johnsonville	Tennessee	3406	JCT16					Y
Johnsonville	Tennessee	3406	JCT17					Y
Johnsonville	Tennessee	3406	JCT18					Y
Johnsonville	Tennessee	3406	JCT19					Y
Johnsonville	Tennessee	3406	JCT2					Y
Johnsonville	Tennessee	3406	JCT20					Y
Johnsonville	Tennessee	3406	JCT3					Y
Johnsonville	Tennessee	3406	JCT4					Y
Johnsonville	Tennessee	3406	JCT5					Y
Johnsonville	Tennessee	3406	JCT6					Y
Johnsonville	Tennessee	3406	JCT7					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Johnsonville	Tennessee	3406	10	Y		Y		
Johnsonville	Tennessee	3406	2	Y		Y		
Johnsonville	Tennessee	3406	3	Y		Y		
Johnsonville	Tennessee	3406	4	Y		Y		
Johnsonville	Tennessee	3406	5	Y		Y		
Johnsonville	Tennessee	3406	6	Y		Y		
Johnsonville	Tennessee	3406	7	Y		Y		
Johnsonville	Tennessee	3406	8	Y		Y		
Johnsonville	Tennessee	3406	9	Y		Y		
Johnsonville	Tennessee	3406	JCT1	Y		Y		
Johnsonville	Tennessee	3406	JCT10	Y		Y		
Johnsonville	Tennessee	3406	JCT11	Y		Y		
Johnsonville	Tennessee	3406	JCT12	Y		Y		
Johnsonville	Tennessee	3406	JCT13	Y		Y		
Johnsonville	Tennessee	3406	JCT14	Y		Y		
Johnsonville	Tennessee	3406	JCT15	Y		Y		
Johnsonville	Tennessee	3406	JCT16	Y		Y		
Johnsonville	Tennessee	3406	JCT17	Y		Y		
Johnsonville	Tennessee	3406	JCT18	Y		Y		
Johnsonville	Tennessee	3406	JCT19	Y		Y		
Johnsonville	Tennessee	3406	JCT2	Y		Y		
Johnsonville	Tennessee	3406	JCT20	Y		Y		
Johnsonville	Tennessee	3406	JCT3	Y		Y		
Johnsonville	Tennessee	3406	JCT4	Y		Y		
Johnsonville	Tennessee	3406	JCT5	Y		Y		
Johnsonville	Tennessee	3406	JCT6	Y		Y		
Johnsonville	Tennessee	3406	JCT7	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Johnsonville	Tennessee	3406	JCT8	88180	15,156	6,806	13,453	16,164	11,905
Johnsonville	Tennessee	3406	JCT9	88181	14,779	1,039	8,575	21,886	12,412
Kingston	Tennessee	3407	1	2280	10,244,621	9,113,721	9,595,978	3,478,012	2,344,544
Kingston	Tennessee	3407	2	2281	8,798,568	10,200,808	9,892,759	881,910	1,472,892
Kingston	Tennessee	3407	3	2282	10,899,886	10,338,554	9,816,558	2,667,358	3,969,367
Kingston	Tennessee	3407	4	2283	10,250,117	9,105,127	9,928,963	967,529	3,001,025
Kingston	Tennessee	3407	5	2284	14,550,293	13,437,371	13,803,813	1,602,386	3,371,229
Kingston	Tennessee	3407	6	2285	13,762,620	13,228,802	13,440,544	2,931,963	6,110,571
Kingston	Tennessee	3407	7	2286	12,533,116	14,009,851	13,326,108	1,764,186	3,850,157
Kingston	Tennessee	3407	8	2287	13,541,337	12,927,565	13,520,059	2,096,533	5,424,248
Kingston	Tennessee	3407	9	2288	12,586,765	14,317,998	13,714,551	4,446,624	5,588,507
Lagoon Creek	Tennessee	7845	LCT1	3298	372,454	302,916	271,568	233,499	615,100
Lagoon Creek	Tennessee	7845	LCT10	3299	348,603	363,341	270,157	194,672	680,707
Lagoon Creek	Tennessee	7845	LCT11	3300	347,461	356,756	261,794	202,955	648,805
Lagoon Creek	Tennessee	7845	LCT12	3301	349,466	335,847	256,858	179,392	675,667
Lagoon Creek	Tennessee	7845	LCT2	3302	378,790	303,743	280,995	225,822	601,154
Lagoon Creek	Tennessee	7845	LCT3	3303	379,777	302,580	278,534	230,580	614,744
Lagoon Creek	Tennessee	7845	LCT4	3304	375,964	294,874	269,919	211,355	581,349
Lagoon Creek	Tennessee	7845	LCT5	3305	336,869	321,498	259,449	239,550	623,747
Lagoon Creek	Tennessee	7845	LCT6	3306	337,393	311,713	271,648	245,106	652,751
Lagoon Creek	Tennessee	7845	LCT7	3307	336,243	322,270	251,052	216,395	600,576
Lagoon Creek	Tennessee	7845	LCT8	3308	331,099	299,224	226,689	190,745	476,033
Lagoon Creek	Tennessee	7845	LCT9	3309	343,667	362,103	265,690	202,597	667,691
AES Deepwater, Inc.	Texas	10670	01001	88080	15,131,071	11,932,504	11,541,924	14,177,806	6,251,510
Air Products Port Arthur	Texas	55309	GEN1			2,827,029	3,058,770	3,368,998	
Air Products Port Arthur	Texas	55309	GEN4			6,872,604	7,435,975	8,190,151	
Alex Ty Cooke Generating Station	Texas	3602	1	2471	604,028	679,591	707,637	512,240	978,918

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Johnsonville	Tennessee	3406	JCT8	14,925	616,729,984	0.000024	145,187	57,656
Johnsonville	Tennessee	3406	JCT9	16,359	616,729,984	0.000027	145,187	57,656
Kingston	Tennessee	3407	1	9,651,440	616,729,984	0.015649	145,187	57,656
Kingston	Tennessee	3407	2	9,630,712	616,729,984	0.015616	145,187	57,656
Kingston	Tennessee	3407	3	10,351,666	616,729,984	0.016785	145,187	57,656
Kingston	Tennessee	3407	4	9,761,402	616,729,984	0.015828	145,187	57,656
Kingston	Tennessee	3407	5	13,930,493	616,729,984	0.022588	145,187	57,656
Kingston	Tennessee	3407	6	13,477,322	616,729,984	0.021853	145,187	57,656
Kingston	Tennessee	3407	7	13,289,692	616,729,984	0.021549	145,187	57,656
Kingston	Tennessee	3407	8	13,329,654	616,729,984	0.021613	145,187	57,656
Kingston	Tennessee	3407	9	13,539,771	616,729,984	0.021954	145,187	57,656
Lagoon Creek	Tennessee	7845	LCT1	430,157	616,729,984	0.000697	145,187	57,656
Lagoon Creek	Tennessee	7845	LCT10	464,217	616,729,984	0.000753	145,187	57,656
Lagoon Creek	Tennessee	7845	LCT11	451,007	616,729,984	0.000731	145,187	57,656
Lagoon Creek	Tennessee	7845	LCT12	453,660	616,729,984	0.000736	145,187	57,656
Lagoon Creek	Tennessee	7845	LCT2	427,896	616,729,984	0.000694	145,187	57,656
Lagoon Creek	Tennessee	7845	LCT3	432,367	616,729,984	0.000701	145,187	57,656
Lagoon Creek	Tennessee	7845	LCT4	417,396	616,729,984	0.000677	145,187	57,656
Lagoon Creek	Tennessee	7845	LCT5	427,371	616,729,984	0.000693	145,187	57,656
Lagoon Creek	Tennessee	7845	LCT6	433,952	616,729,984	0.000704	145,187	57,656
Lagoon Creek	Tennessee	7845	LCT7	419,696	616,729,984	0.000681	145,187	57,656
Lagoon Creek	Tennessee	7845	LCT8	368,785	616,729,984	0.000598	145,187	57,656
Lagoon Creek	Tennessee	7845	LCT9	457,820	616,729,984	0.000742	145,187	57,656
AES Deepwater, Inc.	Texas	10670	01001	13,747,127	3,511,906,933	0.003914	279,747	279,747
Air Products Port Arthur	Texas	55309	GEN1	3,084,932	3,511,906,933	0.000878	279,747	279,747
Air Products Port Arthur	Texas	55309	GEN4	7,499,577	3,511,906,933	0.002135	279,747	279,747
Alex Ty Cooke Generating Station	Texas	3602	1	788,716	3,511,906,933	0.000225	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Johnsonville	Tennessee	3406	JCT8	34,989	18,950	4	1	1	0
Johnsonville	Tennessee	3406	JCT9	34,989	18,950	4	2	1	1
Kingston	Tennessee	3407	1	34,989	18,950	2,272	902	548	297
Kingston	Tennessee	3407	2	34,989	18,950	2,267	900	546	296
Kingston	Tennessee	3407	3	34,989	18,950	2,437	968	587	318
Kingston	Tennessee	3407	4	34,989	18,950	2,298	913	554	300
Kingston	Tennessee	3407	5	34,989	18,950	3,279	1,302	790	428
Kingston	Tennessee	3407	6	34,989	18,950	3,173	1,260	765	414
Kingston	Tennessee	3407	7	34,989	18,950	3,129	1,242	754	408
Kingston	Tennessee	3407	8	34,989	18,950	3,138	1,246	756	410
Kingston	Tennessee	3407	9	34,989	18,950	3,187	1,266	768	416
Lagoon Creek	Tennessee	7845	LCT1	34,989	18,950	101	40	24	13
Lagoon Creek	Tennessee	7845	LCT10	34,989	18,950	109	43	26	14
Lagoon Creek	Tennessee	7845	LCT11	34,989	18,950	106	42	26	14
Lagoon Creek	Tennessee	7845	LCT12	34,989	18,950	107	42	26	14
Lagoon Creek	Tennessee	7845	LCT2	34,989	18,950	101	40	24	13
Lagoon Creek	Tennessee	7845	LCT3	34,989	18,950	102	40	25	13
Lagoon Creek	Tennessee	7845	LCT4	34,989	18,950	98	39	24	13
Lagoon Creek	Tennessee	7845	LCT5	34,989	18,950	101	40	24	13
Lagoon Creek	Tennessee	7845	LCT6	34,989	18,950	102	41	25	13
Lagoon Creek	Tennessee	7845	LCT7	34,989	18,950	99	39	24	13
Lagoon Creek	Tennessee	7845	LCT8	34,989	18,950	87	34	21	11
Lagoon Creek	Tennessee	7845	LCT9	34,989	18,950	108	43	26	14
AES Deepwater, Inc.	Texas	10670	01001	129,571	129,571	1,095	1,095	507	507
Air Products Port Arthur	Texas	55309	GEN1	129,571	129,571	246	246	114	114
Air Products Port Arthur	Texas	55309	GEN4	129,571	129,571	597	597	277	277
Alex Ty Cooke Generating Station	Texas	3602	1	129,571	129,571	63	63	29	29

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Johnsonville	Tennessee	3406	JCT8						
Johnsonville	Tennessee	3406	JCT9						
Kingston	Tennessee	3407	1	7,838	7,886	5,783	5,283	4,273	4,516
Kingston	Tennessee	3407	2	7,983	7,874	5,672	4,555	4,805	4,640
Kingston	Tennessee	3407	3	8,201	8,104	5,200	5,635	4,901	4,610
Kingston	Tennessee	3407	4	7,417	7,902	5,700	5,291	4,275	4,665
Kingston	Tennessee	3407	5	12,330	7,484	6,530	7,533	6,348	6,489
Kingston	Tennessee	3407	6	12,755	8,615	6,003	7,158	6,439	6,385
Kingston	Tennessee	3407	7	11,554	9,153	7,475	6,516	6,810	6,323
Kingston	Tennessee	3407	8	11,469	8,788	7,257	7,034	6,256	6,442
Kingston	Tennessee	3407	9	12,438	9,255	6,587	6,467	6,985	6,547
Lagoon Creek	Tennessee	7845	LCT1	2	1	1	0	0	0
Lagoon Creek	Tennessee	7845	LCT10	0	0	1	0	0	0
Lagoon Creek	Tennessee	7845	LCT11	1	0	1	0	0	0
Lagoon Creek	Tennessee	7845	LCT12	1	0	1	0	0	0
Lagoon Creek	Tennessee	7845	LCT2	2	1	1	0	0	0
Lagoon Creek	Tennessee	7845	LCT3	2	0	1	0	0	0
Lagoon Creek	Tennessee	7845	LCT4	2	0	1	0	0	0
Lagoon Creek	Tennessee	7845	LCT5	1	0	1	0	0	0
Lagoon Creek	Tennessee	7845	LCT6	1	0	1	0	0	0
Lagoon Creek	Tennessee	7845	LCT7	2	0	1	0	0	0
Lagoon Creek	Tennessee	7845	LCT8	1	0	1	1	0	0
Lagoon Creek	Tennessee	7845	LCT9	2	0	1	0	0	0
AES Deepwater, Inc.	Texas	10670	01001	2,084	1,930	1,674	2,188	2,361	3,217
Air Products Port Arthur	Texas	55309	GEN1		6	6		5	
Air Products Port Arthur	Texas	55309	GEN4					12	
Alex Ty Cooke Generating Station	Texas	3602	1	0	0	0	0	0	0

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
Johnsonville	Tennessee	3406	JCT8	1	2	2				
Johnsonville	Tennessee	3406	JCT9	1	1	1				
Kingston	Tennessee	3407	1	1,858	686	7,886		2,746		
Kingston	Tennessee	3407	2	450	431	7,983		2,740		
Kingston	Tennessee	3407	3	1,527	1,391	8,201		2,945		
Kingston	Tennessee	3407	4	519	921	7,902		2,776		
Kingston	Tennessee	3407	5	900	1,019	12,330		3,963		
Kingston	Tennessee	3407	6	1,567	2,368	12,755		3,834		
Kingston	Tennessee	3407	7	945	1,342	11,554		3,781		
Kingston	Tennessee	3407	8	1,115	1,754	11,469		3,792		
Kingston	Tennessee	3407	9	2,378	2,014	12,438		3,852		
Lagoon Creek	Tennessee	7845	LCT1	0	0	2				
Lagoon Creek	Tennessee	7845	LCT10	0	0	1				
Lagoon Creek	Tennessee	7845	LCT11	0	0	1				
Lagoon Creek	Tennessee	7845	LCT12	0	0	1				
Lagoon Creek	Tennessee	7845	LCT2	0	0	2				
Lagoon Creek	Tennessee	7845	LCT3	0	0	2				
Lagoon Creek	Tennessee	7845	LCT4	0	0	2				
Lagoon Creek	Tennessee	7845	LCT5	0	0	1				
Lagoon Creek	Tennessee	7845	LCT6	0	0	1				
Lagoon Creek	Tennessee	7845	LCT7	0	0	2				
Lagoon Creek	Tennessee	7845	LCT8	0	0	1				
Lagoon Creek	Tennessee	7845	LCT9	0	0	2				
AES Deepwater, Inc.	Texas	10670	01001	4,416	2,007	4,416				
Air Products Port Arthur	Texas	55309	GEN1			6				
Air Products Port Arthur	Texas	55309	GEN4			12				
Alex Ty Cooke Generating Station	Texas	3602	1	0	0	0				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Johnsonville	Tennessee	3406	JCT8				13	1	3
Johnsonville	Tennessee	3406	JCT9				13	1	2
Kingston	Tennessee	3407	1				2,618	1,535	1,594
Kingston	Tennessee	3407	2				2,675	1,566	1,554
Kingston	Tennessee	3407	3				2,767	1,623	1,291
Kingston	Tennessee	3407	4				2,499	1,508	1,589
Kingston	Tennessee	3407	5				3,985	1,446	1,805
Kingston	Tennessee	3407	6				3,178	1,806	1,406
Kingston	Tennessee	3407	7				2,853	1,743	1,752
Kingston	Tennessee	3407	8				2,801	1,686	1,694
Kingston	Tennessee	3407	9				3,169	1,994	1,632
Lagoon Creek	Tennessee	7845	LCT1				10	6	6
Lagoon Creek	Tennessee	7845	LCT10				5	2	7
Lagoon Creek	Tennessee	7845	LCT11				5	2	7
Lagoon Creek	Tennessee	7845	LCT12				6	2	7
Lagoon Creek	Tennessee	7845	LCT2				12	5	6
Lagoon Creek	Tennessee	7845	LCT3				10	3	7
Lagoon Creek	Tennessee	7845	LCT4				10	3	17
Lagoon Creek	Tennessee	7845	LCT5				6	3	8
Lagoon Creek	Tennessee	7845	LCT6				7	4	7
Lagoon Creek	Tennessee	7845	LCT7				11	2	7
Lagoon Creek	Tennessee	7845	LCT8				7	2	6
Lagoon Creek	Tennessee	7845	LCT9				6	3	8
AES Deepwater, Inc.	Texas	10670	01001				1,883	4,370	3,781
Air Products Port Arthur	Texas	55309	GEN1					104	98
Air Products Port Arthur	Texas	55309	GEN4						
Alex Ty Cooke Generating Station	Texas	3602	1				46	29	69

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Johnsonville	Tennessee	3406	JCT8	2	1	3	4	3	13
Johnsonville	Tennessee	3406	JCT9	2	0	3	5	3	13
Kingston	Tennessee	3407	1	1,497	1,056	787	88	112	2,618
Kingston	Tennessee	3407	2	1,102	1,269	819	24	80	2,675
Kingston	Tennessee	3407	3	1,616	1,426	865	75	197	2,767
Kingston	Tennessee	3407	4	1,551	1,101	839	28	142	2,499
Kingston	Tennessee	3407	5	2,149	1,669	1,112	41	167	3,985
Kingston	Tennessee	3407	6	1,590	1,453	892	80	267	3,178
Kingston	Tennessee	3407	7	1,597	1,582	850	46	162	2,853
Kingston	Tennessee	3407	8	1,519	1,295	917	53	233	2,801
Kingston	Tennessee	3407	9	1,333	1,691	847	115	244	3,169
Lagoon Creek	Tennessee	7845	LCT1	5	4	4	4	8	10
Lagoon Creek	Tennessee	7845	LCT10	5	5	4	3	9	9
Lagoon Creek	Tennessee	7845	LCT11	5	5	5	3	8	8
Lagoon Creek	Tennessee	7845	LCT12	5	5	4	3	9	9
Lagoon Creek	Tennessee	7845	LCT2	6	5	4	4	8	12
Lagoon Creek	Tennessee	7845	LCT3	6	5	5	4	9	10
Lagoon Creek	Tennessee	7845	LCT4	6	4	4	3	7	17
Lagoon Creek	Tennessee	7845	LCT5	6	5	4	4	9	9
Lagoon Creek	Tennessee	7845	LCT6	5	5	5	4	8	8
Lagoon Creek	Tennessee	7845	LCT7	5	5	4	3	8	11
Lagoon Creek	Tennessee	7845	LCT8	5	5	3	3	6	7
Lagoon Creek	Tennessee	7845	LCT9	6	5	4	3	9	9
AES Deepwater, Inc.	Texas	10670	01001	4,053	1,650	451	267	137	4,370
Air Products Port Arthur	Texas	55309	GEN1		78				104
Air Products Port Arthur	Texas	55309	GEN4		189				189
Alex Ty Cooke Generating Station	Texas	3602	1	51	57	55	37	69	69

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Johnsonville	Tennessee	3406	JCT8						
Johnsonville	Tennessee	3406	JCT9						
Kingston	Tennessee	3407	1						
Kingston	Tennessee	3407	2						
Kingston	Tennessee	3407	3						
Kingston	Tennessee	3407	4						
Kingston	Tennessee	3407	5						
Kingston	Tennessee	3407	6						
Kingston	Tennessee	3407	7						
Kingston	Tennessee	3407	8						
Kingston	Tennessee	3407	9						
Lagoon Creek	Tennessee	7845	LCT1						
Lagoon Creek	Tennessee	7845	LCT10						
Lagoon Creek	Tennessee	7845	LCT11						
Lagoon Creek	Tennessee	7845	LCT12						
Lagoon Creek	Tennessee	7845	LCT2						
Lagoon Creek	Tennessee	7845	LCT3						
Lagoon Creek	Tennessee	7845	LCT4						
Lagoon Creek	Tennessee	7845	LCT5						
Lagoon Creek	Tennessee	7845	LCT6						
Lagoon Creek	Tennessee	7845	LCT7						
Lagoon Creek	Tennessee	7845	LCT8						
Lagoon Creek	Tennessee	7845	LCT9						
AES Deepwater, Inc.	Texas	10670	01001						
Air Products Port Arthur	Texas	55309	GEN1						
Air Products Port Arthur	Texas	55309	GEN4						
Alex Ty Cooke Generating Station	Texas	3602	1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Johnsonville	Tennessee	3406	JCT8		2		
Johnsonville	Tennessee	3406	JCT9		1		
Kingston	Tennessee	3407	1		2,746		
Kingston	Tennessee	3407	2		2,740		
Kingston	Tennessee	3407	3		2,945		
Kingston	Tennessee	3407	4		2,776		
Kingston	Tennessee	3407	5		3,963		
Kingston	Tennessee	3407	6		3,834		
Kingston	Tennessee	3407	7		3,781		
Kingston	Tennessee	3407	8		3,792		
Kingston	Tennessee	3407	9		3,852		
Lagoon Creek	Tennessee	7845	LCT1		2		
Lagoon Creek	Tennessee	7845	LCT10		1		
Lagoon Creek	Tennessee	7845	LCT11		1		
Lagoon Creek	Tennessee	7845	LCT12		1		
Lagoon Creek	Tennessee	7845	LCT2		2		
Lagoon Creek	Tennessee	7845	LCT3		2		
Lagoon Creek	Tennessee	7845	LCT4		2		
Lagoon Creek	Tennessee	7845	LCT5		1		
Lagoon Creek	Tennessee	7845	LCT6		1		
Lagoon Creek	Tennessee	7845	LCT7		2		
Lagoon Creek	Tennessee	7845	LCT8		1		
Lagoon Creek	Tennessee	7845	LCT9		2		
AES Deepwater, Inc.	Texas	10670	01001	2,443	2,443	2,443	2,443
Air Products Port Arthur	Texas	55309	GEN1	6	6	6	6
Air Products Port Arthur	Texas	55309	GEN4	12	12	12	12
Alex Ty Cooke Generating Station	Texas	3602	1	0	0	0	0

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Johnsonville	Tennessee	3406	JCT8				
Johnsonville	Tennessee	3406	JCT9				
Kingston	Tennessee	3407	1				
Kingston	Tennessee	3407	2				
Kingston	Tennessee	3407	3				
Kingston	Tennessee	3407	4				
Kingston	Tennessee	3407	5				
Kingston	Tennessee	3407	6				
Kingston	Tennessee	3407	7				
Kingston	Tennessee	3407	8				
Kingston	Tennessee	3407	9				
Lagoon Creek	Tennessee	7845	LCT1				
Lagoon Creek	Tennessee	7845	LCT10				
Lagoon Creek	Tennessee	7845	LCT11				
Lagoon Creek	Tennessee	7845	LCT12				
Lagoon Creek	Tennessee	7845	LCT2				
Lagoon Creek	Tennessee	7845	LCT3				
Lagoon Creek	Tennessee	7845	LCT4				
Lagoon Creek	Tennessee	7845	LCT5				
Lagoon Creek	Tennessee	7845	LCT6				
Lagoon Creek	Tennessee	7845	LCT7				
Lagoon Creek	Tennessee	7845	LCT8				
Lagoon Creek	Tennessee	7845	LCT9				
AES Deepwater, Inc.	Texas	10670	01001	2,443	2,443	708	708
Air Products Port Arthur	Texas	55309	GEN1	6	6	104	104
Air Products Port Arthur	Texas	55309	GEN4	12	12	189	189
Alex Ty Cooke Generating Station	Texas	3602	1	0	0	41	41

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Johnsonville	Tennessee	3406	JCT8				
Johnsonville	Tennessee	3406	JCT9				
Kingston	Tennessee	3407	1				
Kingston	Tennessee	3407	2				
Kingston	Tennessee	3407	3				
Kingston	Tennessee	3407	4				
Kingston	Tennessee	3407	5				
Kingston	Tennessee	3407	6				
Kingston	Tennessee	3407	7				
Kingston	Tennessee	3407	8				
Kingston	Tennessee	3407	9				
Lagoon Creek	Tennessee	7845	LCT1				
Lagoon Creek	Tennessee	7845	LCT10				
Lagoon Creek	Tennessee	7845	LCT11				
Lagoon Creek	Tennessee	7845	LCT12				
Lagoon Creek	Tennessee	7845	LCT2				
Lagoon Creek	Tennessee	7845	LCT3				
Lagoon Creek	Tennessee	7845	LCT4				
Lagoon Creek	Tennessee	7845	LCT5				
Lagoon Creek	Tennessee	7845	LCT6				
Lagoon Creek	Tennessee	7845	LCT7				
Lagoon Creek	Tennessee	7845	LCT8				
Lagoon Creek	Tennessee	7845	LCT9				
AES Deepwater, Inc.	Texas	10670	01001	708	708	708	708
Air Products Port Arthur	Texas	55309	GEN1	104	104	104	104
Air Products Port Arthur	Texas	55309	GEN4	189	189	189	189
Alex Ty Cooke Generating Station	Texas	3602	1	41	41	41	41

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Johnsonville	Tennessee	3406	JCT8	15,156	6,806	4,467	6,642	10,449	10,804
Johnsonville	Tennessee	3406	JCT9	14,779	1,039	1,788	4,637	11,271	10,229
Kingston	Tennessee	3407	1	4,392,810	4,569,361	4,006,506	1,524,257	2,135,433	4,322,893
Kingston	Tennessee	3407	2	4,372,272	4,545,086	4,259,740		1,411,117	4,392,366
Kingston	Tennessee	3407	3	4,645,364	4,199,858	3,935,776	2,130,164	3,071,315	4,260,333
Kingston	Tennessee	3407	4	4,257,135	4,537,629	4,188,284	572,049	2,728,077	4,327,683
Kingston	Tennessee	3407	5	6,131,719	5,848,262	6,078,797	180,537	2,314,622	6,019,593
Kingston	Tennessee	3407	6	6,093,102	5,790,031	5,749,073	1,086,669	2,997,325	5,877,402
Kingston	Tennessee	3407	7	5,659,992	6,021,466	5,960,537	765,166	2,245,041	5,880,665
Kingston	Tennessee	3407	8	6,005,564	6,203,592	5,812,739	211,922	3,815,000	6,007,298
Kingston	Tennessee	3407	9	6,062,829	6,205,040	5,950,992	3,190,030	2,906,645	6,072,954
Lagoon Creek	Tennessee	7845	LCT1	266,402	208,392	160,725	129,918	449,846	308,213
Lagoon Creek	Tennessee	7845	LCT10	237,903	246,480	159,053	121,026	519,007	334,463
Lagoon Creek	Tennessee	7845	LCT11	239,688	247,748	141,981	118,976	518,837	335,425
Lagoon Creek	Tennessee	7845	LCT12	244,363	245,745	143,369	109,090	519,682	336,597
Lagoon Creek	Tennessee	7845	LCT2	266,838	209,338	166,300	128,968	447,863	308,013
Lagoon Creek	Tennessee	7845	LCT3	272,015	216,574	156,930	128,792	455,811	314,800
Lagoon Creek	Tennessee	7845	LCT4	267,950	205,718	154,597	126,893	449,980	307,883
Lagoon Creek	Tennessee	7845	LCT5	260,777	226,225	146,425	144,500	461,345	316,116
Lagoon Creek	Tennessee	7845	LCT6	267,705	218,546	140,666	136,558	481,706	322,652
Lagoon Creek	Tennessee	7845	LCT7	261,004	218,332	140,955	126,801	428,891	302,742
Lagoon Creek	Tennessee	7845	LCT8	258,316	192,370	134,284	112,332	400,300	283,662
Lagoon Creek	Tennessee	7845	LCT9	234,823	245,691	148,009	115,799	514,719	331,744
AES Deepwater, Inc.	Texas	10670	01001	6,965,873	5,532,382	5,856,848	6,231,599	4,029,324	6,351,440
Air Products Port Arthur	Texas	55309	GEN1		1,379,654	1,597,776	2,154,136		1,710,522
Air Products Port Arthur	Texas	55309	GEN4		3,353,986	3,884,249	5,236,780		4,158,338
Alex Ty Cooke Generating Station	Texas	3602	1	469,304	527,942	652,315	406,337	719,526	633,261

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Johnsonville	Tennessee	3406	JCT8	275,712,139	0.000039	14,610	7,856	1	0
Johnsonville	Tennessee	3406	JCT9	275,712,139	0.000037	14,610	7,856	1	0
Kingston	Tennessee	3407	1	275,712,139	0.015679	14,610	7,856	229	123
Kingston	Tennessee	3407	2	275,712,139	0.015931	14,610	7,856	233	125
Kingston	Tennessee	3407	3	275,712,139	0.015452	14,610	7,856	226	121
Kingston	Tennessee	3407	4	275,712,139	0.015696	14,610	7,856	229	123
Kingston	Tennessee	3407	5	275,712,139	0.021833	14,610	7,856	319	172
Kingston	Tennessee	3407	6	275,712,139	0.021317	14,610	7,856	311	167
Kingston	Tennessee	3407	7	275,712,139	0.021329	14,610	7,856	312	168
Kingston	Tennessee	3407	8	275,712,139	0.021788	14,610	7,856	318	171
Kingston	Tennessee	3407	9	275,712,139	0.022026	14,610	7,856	322	173
Lagoon Creek	Tennessee	7845	LCT1	275,712,139	0.001118	14,610	7,856	16	9
Lagoon Creek	Tennessee	7845	LCT10	275,712,139	0.001213	14,610	7,856	18	10
Lagoon Creek	Tennessee	7845	LCT11	275,712,139	0.001217	14,610	7,856	18	10
Lagoon Creek	Tennessee	7845	LCT12	275,712,139	0.001221	14,610	7,856	18	10
Lagoon Creek	Tennessee	7845	LCT2	275,712,139	0.001117	14,610	7,856	16	9
Lagoon Creek	Tennessee	7845	LCT3	275,712,139	0.001142	14,610	7,856	17	9
Lagoon Creek	Tennessee	7845	LCT4	275,712,139	0.001117	14,610	7,856	16	9
Lagoon Creek	Tennessee	7845	LCT5	275,712,139	0.001147	14,610	7,856	17	9
Lagoon Creek	Tennessee	7845	LCT6	275,712,139	0.001170	14,610	7,856	17	9
Lagoon Creek	Tennessee	7845	LCT7	275,712,139	0.001098	14,610	7,856	16	9
Lagoon Creek	Tennessee	7845	LCT8	275,712,139	0.001029	14,610	7,856	15	8
Lagoon Creek	Tennessee	7845	LCT9	275,712,139	0.001203	14,610	7,856	18	9
AES Deepwater, Inc.	Texas	10670	01001	1,726,255,329	0.003679	61,841	61,841	228	228
Air Products Port Arthur	Texas	55309	GEN1	1,726,255,329	0.000991	61,841	61,841	61	61
Air Products Port Arthur	Texas	55309	GEN4	1,726,255,329	0.002409	61,841	61,841	149	149
Alex Ty Cooke Generating Station	Texas	3602	1	1,726,255,329	0.000367	61,841	61,841	23	23

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Johnsonville	Tennessee	3406	JCT8	13	1	3	2	1	1
Johnsonville	Tennessee	3406	JCT9	13	1	2	2	0	1
Kingston	Tennessee	3407	1	1,250	315	132	116	114	104
Kingston	Tennessee	3407	2	1,228	319	128	116	113	110
Kingston	Tennessee	3407	3	1,248	313	133	122	105	101
Kingston	Tennessee	3407	4	1,156	312	129	110	114	108
Kingston	Tennessee	3407	5	1,519	380	167	160	141	157
Kingston	Tennessee	3407	6	1,330	754	339	136	145	140
Kingston	Tennessee	3407	7	1,083	419	347	125	150	146
Kingston	Tennessee	3407	8	1,047	404	338	134	156	141
Kingston	Tennessee	3407	9	1,465	638	356	135	159	146
Lagoon Creek	Tennessee	7845	LCT1	4	1	4	3	2	2
Lagoon Creek	Tennessee	7845	LCT10	2	1	4	3	3	2
Lagoon Creek	Tennessee	7845	LCT11	3	1	4	3	3	2
Lagoon Creek	Tennessee	7845	LCT12	3	1	4	3	3	2
Lagoon Creek	Tennessee	7845	LCT2	5	1	4	4	3	2
Lagoon Creek	Tennessee	7845	LCT3	4	1	4	4	3	2
Lagoon Creek	Tennessee	7845	LCT4	4	1	15	4	3	2
Lagoon Creek	Tennessee	7845	LCT5	3	2	4	4	3	2
Lagoon Creek	Tennessee	7845	LCT6	3	2	4	4	3	2
Lagoon Creek	Tennessee	7845	LCT7	3	1	4	4	3	2
Lagoon Creek	Tennessee	7845	LCT8	3	1	3	3	2	2
Lagoon Creek	Tennessee	7845	LCT9	3	1	4	3	3	2
AES Deepwater, Inc.	Texas	10670	01001	411	1,868	1,554	1,850	680	321
Air Products Port Arthur	Texas	55309	GEN1		49	51		38	
Air Products Port Arthur	Texas	55309	GEN4					92	
Alex Ty Cooke Generating Station	Texas	3602	1	26	29	65	41	44	50

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Johnsonville	Tennessee	3406	JCT8	2	3	13			
Johnsonville	Tennessee	3406	JCT9	1	3	13			
Kingston	Tennessee	3407	1	38	107	1,250			
Kingston	Tennessee	3407	2		78	1,228			
Kingston	Tennessee	3407	3	58	171	1,248			
Kingston	Tennessee	3407	4	17	134	1,156			
Kingston	Tennessee	3407	5	8	133	1,519			
Kingston	Tennessee	3407	6	29	157	1,330			
Kingston	Tennessee	3407	7	20	117	1,083			
Kingston	Tennessee	3407	8	7	190	1,047			
Kingston	Tennessee	3407	9	81	150	1,465			
Lagoon Creek	Tennessee	7845	LCT1	2	5	5			
Lagoon Creek	Tennessee	7845	LCT10	1	6	6			
Lagoon Creek	Tennessee	7845	LCT11	1	6	6			
Lagoon Creek	Tennessee	7845	LCT12	1	6	6			
Lagoon Creek	Tennessee	7845	LCT2	2	5	5			
Lagoon Creek	Tennessee	7845	LCT3	2	6	6			
Lagoon Creek	Tennessee	7845	LCT4	1	5	15			
Lagoon Creek	Tennessee	7845	LCT5	2	6	6			
Lagoon Creek	Tennessee	7845	LCT6	2	5	5			
Lagoon Creek	Tennessee	7845	LCT7	1	5	5			
Lagoon Creek	Tennessee	7845	LCT8	1	4	4			
Lagoon Creek	Tennessee	7845	LCT9	1	6	6			
AES Deepwater, Inc.	Texas	10670	01001	93	95	1,868			
Air Products Port Arthur	Texas	55309	GEN1			51			
Air Products Port Arthur	Texas	55309	GEN4			92			
Alex Ty Cooke Generating Station	Texas	3602	1	29	52	65			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Johnsonville	Tennessee	3406	JCT8					
Johnsonville	Tennessee	3406	JCT9					
Kingston	Tennessee	3407	1					
Kingston	Tennessee	3407	2					
Kingston	Tennessee	3407	3					
Kingston	Tennessee	3407	4					
Kingston	Tennessee	3407	5					
Kingston	Tennessee	3407	6					
Kingston	Tennessee	3407	7					
Kingston	Tennessee	3407	8					
Kingston	Tennessee	3407	9					
Lagoon Creek	Tennessee	7845	LCT1					
Lagoon Creek	Tennessee	7845	LCT10					
Lagoon Creek	Tennessee	7845	LCT11					
Lagoon Creek	Tennessee	7845	LCT12					
Lagoon Creek	Tennessee	7845	LCT2					
Lagoon Creek	Tennessee	7845	LCT3					
Lagoon Creek	Tennessee	7845	LCT4					
Lagoon Creek	Tennessee	7845	LCT5					
Lagoon Creek	Tennessee	7845	LCT6					
Lagoon Creek	Tennessee	7845	LCT7					
Lagoon Creek	Tennessee	7845	LCT8					
Lagoon Creek	Tennessee	7845	LCT9					
AES Deepwater, Inc.	Texas	10670	01001				329	329
Air Products Port Arthur	Texas	55309	GEN1				51	51
Air Products Port Arthur	Texas	55309	GEN4				92	92
Alex Ty Cooke Generating Station	Texas	3602	1				33	33

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Johnsonville	Tennessee	3406	JCT8					Y
Johnsonville	Tennessee	3406	JCT9					Y
Kingston	Tennessee	3407	1					Y
Kingston	Tennessee	3407	2					Y
Kingston	Tennessee	3407	3					Y
Kingston	Tennessee	3407	4					Y
Kingston	Tennessee	3407	5					Y
Kingston	Tennessee	3407	6					Y
Kingston	Tennessee	3407	7					Y
Kingston	Tennessee	3407	8					Y
Kingston	Tennessee	3407	9					Y
Lagoon Creek	Tennessee	7845	LCT1					Y
Lagoon Creek	Tennessee	7845	LCT10					Y
Lagoon Creek	Tennessee	7845	LCT11					Y
Lagoon Creek	Tennessee	7845	LCT12					Y
Lagoon Creek	Tennessee	7845	LCT2					Y
Lagoon Creek	Tennessee	7845	LCT3					Y
Lagoon Creek	Tennessee	7845	LCT4					Y
Lagoon Creek	Tennessee	7845	LCT5					Y
Lagoon Creek	Tennessee	7845	LCT6					Y
Lagoon Creek	Tennessee	7845	LCT7					Y
Lagoon Creek	Tennessee	7845	LCT8					Y
Lagoon Creek	Tennessee	7845	LCT9					Y
AES Deepwater, Inc.	Texas	10670	01001	329	329	329	329	Y
Air Products Port Arthur	Texas	55309	GEN1	51	51	51	51	Y
Air Products Port Arthur	Texas	55309	GEN4	92	92	92	92	Y
Alex Ty Cooke Generating Station	Texas	3602	1	33	33	33	33	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Johnsonville	Tennessee	3406	JCT8	Y		Y		
Johnsonville	Tennessee	3406	JCT9	Y		Y		
Kingston	Tennessee	3407	1	Y		Y		
Kingston	Tennessee	3407	2	Y		Y		
Kingston	Tennessee	3407	3	Y		Y		
Kingston	Tennessee	3407	4	Y		Y		
Kingston	Tennessee	3407	5	Y		Y		
Kingston	Tennessee	3407	6	Y		Y		
Kingston	Tennessee	3407	7	Y		Y		
Kingston	Tennessee	3407	8	Y		Y		
Kingston	Tennessee	3407	9	Y		Y		
Lagoon Creek	Tennessee	7845	LCT1	Y		Y		
Lagoon Creek	Tennessee	7845	LCT10	Y		Y		
Lagoon Creek	Tennessee	7845	LCT11	Y		Y		
Lagoon Creek	Tennessee	7845	LCT12	Y		Y		
Lagoon Creek	Tennessee	7845	LCT2	Y		Y		
Lagoon Creek	Tennessee	7845	LCT3	Y		Y		
Lagoon Creek	Tennessee	7845	LCT4	Y		Y		
Lagoon Creek	Tennessee	7845	LCT5	Y		Y		
Lagoon Creek	Tennessee	7845	LCT6	Y		Y		
Lagoon Creek	Tennessee	7845	LCT7	Y		Y		
Lagoon Creek	Tennessee	7845	LCT8	Y		Y		
Lagoon Creek	Tennessee	7845	LCT9	Y		Y		
AES Deepwater, Inc.	Texas	10670	01001		Y	Y		
Air Products Port Arthur	Texas	55309	GEN1		Y	Y	Y	
Air Products Port Arthur	Texas	55309	GEN4		Y	Y	Y	
Alex Ty Cooke Generating Station	Texas	3602	1		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Alex Ty Cooke Generating Station	Texas	3602	2	2472	789,503	707,875	633,447	497,259	886,299
Barney M. Davis	Texas	4939	1	2658	3,861,536	1,815,633	4,749,542	3,199,412	660,763
Barney M. Davis	Texas	4939	3	90244					7,642,927
Barney M. Davis	Texas	4939	4	90245					6,876,385
Bastrop Clean Energy Center	Texas	55168	CTG-1A	4046	7,686,109	8,598,248	8,042,572	8,801,960	5,806,659
Bastrop Clean Energy Center	Texas	55168	CTG-1B	4047	7,977,804	8,834,989	8,591,009	9,313,346	5,808,063
Bayou Cogeneration Plant	Texas	10298	CG801	88563			6,393,266	5,849,716	4,060,256
Bayou Cogeneration Plant	Texas	10298	CG802	88564			5,675,354	6,063,370	6,863,142
Bayou Cogeneration Plant	Texas	10298	CG803	88565			6,265,534	4,834,411	6,709,464
Bayou Cogeneration Plant	Texas	10298	CG804	88566			6,180,665	6,833,369	5,815,029
Baytown Energy Center	Texas	55327	CTG-1	4097	11,833,080	10,496,162	11,606,961	10,039,682	8,609,372
Baytown Energy Center	Texas	55327	CTG-2	4098	10,444,386	12,769,741	8,592,649	9,203,036	11,023,570
Baytown Energy Center	Texas	55327	CTG-3	4099	10,261,193	13,229,712	9,989,805	11,164,936	12,075,084
Big Brown	Texas	3497	1	2423	51,506,066	44,213,446	43,028,654	42,834,120	47,304,348
Big Brown	Texas	3497	2	2424	49,005,100	47,241,287	45,104,331	38,692,298	48,238,106
Blackhawk Station	Texas	55064	001	3849	12,236,549	9,743,806	10,767,963	9,568,286	9,962,606
Blackhawk Station	Texas	55064	002	3850	10,164,699	10,448,693	10,718,951	11,092,019	10,904,309
Bosque County Power Plant	Texas	55172	GT-1	4054	1,336,929	234,753	965,666	849,131	224,068
Bosque County Power Plant	Texas	55172	GT-2	4055	1,268,613	261,831	1,328,855	980,069	191,297
Bosque County Power Plant	Texas	55172	GT-3	4056	8,475,661	6,343,341	7,140,303	7,576,077	4,337,929
Brazos Valley Energy, LP	Texas	55357	CTG1	4543	7,581,391	9,819,847	10,200,619	9,214,507	9,095,570
Brazos Valley Energy, LP	Texas	55357	CTG2	4544	7,966,474	10,576,228	11,595,819	8,517,017	8,898,867
C E Newman	Texas	3574	BW5	2463	164,098	13,075	2,845		
C. R. Wing Cogeneration Plant	Texas	52176	1	89347	2,842,889	3,023,974	1,555,422	1,653,677	773,718
C. R. Wing Cogeneration Plant	Texas	52176	2	89348	2,961,687	2,910,583	1,797,862	1,764,568	767,726
Calpine Hidalgo Energy Center	Texas	7762	HRS1	3171	7,539,371	6,301,072	9,713,872	7,580,765	7,852,434
Calpine Hidalgo Energy Center	Texas	7762	HRS2	3172	6,131,758	6,997,169	7,793,122	7,579,595	6,854,779

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Alex Ty Cooke Generating Station	Texas	3602	2	794,559	3,511,906,933	0.000226	279,747	279,747
Barney M. Davis	Texas	4939	1	3,936,830	3,511,906,933	0.001121	279,747	279,747
Barney M. Davis	Texas	4939	3	7,642,927	3,511,906,933	0.002176	279,747	279,747
Barney M. Davis	Texas	4939	4	6,876,385	3,511,906,933	0.001958	279,747	279,747
Bastrop Clean Energy Center	Texas	55168	CTG-1A	8,480,927	3,511,906,933	0.002415	279,747	279,747
Bastrop Clean Energy Center	Texas	55168	CTG-1B	8,913,115	3,511,906,933	0.002538	279,747	279,747
Bayou Cogeneration Plant	Texas	10298	CG801	5,434,413	3,511,906,933	0.001547	279,747	279,747
Bayou Cogeneration Plant	Texas	10298	CG802	6,200,622	3,511,906,933	0.001766	279,747	279,747
Bayou Cogeneration Plant	Texas	10298	CG803	5,936,470	3,511,906,933	0.001690	279,747	279,747
Bayou Cogeneration Plant	Texas	10298	CG804	6,276,354	3,511,906,933	0.001787	279,747	279,747
Baytown Energy Center	Texas	55327	CTG-1	11,312,068	3,511,906,933	0.003221	279,747	279,747
Baytown Energy Center	Texas	55327	CTG-2	11,412,566	3,511,906,933	0.003250	279,747	279,747
Baytown Energy Center	Texas	55327	CTG-3	12,156,577	3,511,906,933	0.003462	279,747	279,747
Big Brown	Texas	3497	1	47,674,620	3,511,906,933	0.013575	279,747	279,747
Big Brown	Texas	3497	2	48,161,498	3,511,906,933	0.013714	279,747	279,747
Blackhawk Station	Texas	55064	001	10,989,040	3,511,906,933	0.003129	279,747	279,747
Blackhawk Station	Texas	55064	002	10,905,093	3,511,906,933	0.003105	279,747	279,747
Bosque County Power Plant	Texas	55172	GT-1	1,050,575	3,511,906,933	0.000299	279,747	279,747
Bosque County Power Plant	Texas	55172	GT-2	1,192,512	3,511,906,933	0.000340	279,747	279,747
Bosque County Power Plant	Texas	55172	GT-3	7,730,680	3,511,906,933	0.002201	279,747	279,747
Brazos Valley Energy, LP	Texas	55357	CTG1	9,744,991	3,511,906,933	0.002775	279,747	279,747
Brazos Valley Energy, LP	Texas	55357	CTG2	10,356,972	3,511,906,933	0.002949	279,747	279,747
C E Newman	Texas	3574	BW5	60,006	3,511,906,933	0.000017	279,747	279,747
C. R. Wing Cogeneration Plant	Texas	52176	1	2,506,846	3,511,906,933	0.000714	279,747	279,747
C. R. Wing Cogeneration Plant	Texas	52176	2	2,556,711	3,511,906,933	0.000728	279,747	279,747
Calpine Hidalgo Energy Center	Texas	7762	HRS1	8,382,357	3,511,906,933	0.002387	279,747	279,747
Calpine Hidalgo Energy Center	Texas	7762	HRS2	7,456,628	3,511,906,933	0.002123	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Alex Ty Cooke Generating Station	Texas	3602	2	129,571	129,571	63	63	29	29
Barney M. Davis	Texas	4939	1	129,571	129,571	314	314	145	145
Barney M. Davis	Texas	4939	3	129,571	129,571	609	609	282	282
Barney M. Davis	Texas	4939	4	129,571	129,571	548	548	254	254
Bastrop Clean Energy Center	Texas	55168	CTG-1A	129,571	129,571	676	676	313	313
Bastrop Clean Energy Center	Texas	55168	CTG-1B	129,571	129,571	710	710	329	329
Bayou Cogeneration Plant	Texas	10298	CG801	129,571	129,571	433	433	201	201
Bayou Cogeneration Plant	Texas	10298	CG802	129,571	129,571	494	494	229	229
Bayou Cogeneration Plant	Texas	10298	CG803	129,571	129,571	473	473	219	219
Bayou Cogeneration Plant	Texas	10298	CG804	129,571	129,571	500	500	232	232
Baytown Energy Center	Texas	55327	CTG-1	129,571	129,571	901	901	417	417
Baytown Energy Center	Texas	55327	CTG-2	129,571	129,571	909	909	421	421
Baytown Energy Center	Texas	55327	CTG-3	129,571	129,571	968	968	449	449
Big Brown	Texas	3497	1	129,571	129,571	3,798	3,798	1,759	1,759
Big Brown	Texas	3497	2	129,571	129,571	3,836	3,836	1,777	1,777
Blackhawk Station	Texas	55064	001	129,571	129,571	875	875	405	405
Blackhawk Station	Texas	55064	002	129,571	129,571	869	869	402	402
Bosque County Power Plant	Texas	55172	GT-1	129,571	129,571	84	84	39	39
Bosque County Power Plant	Texas	55172	GT-2	129,571	129,571	95	95	44	44
Bosque County Power Plant	Texas	55172	GT-3	129,571	129,571	616	616	285	285
Brazos Valley Energy, LP	Texas	55357	CTG1	129,571	129,571	776	776	360	360
Brazos Valley Energy, LP	Texas	55357	CTG2	129,571	129,571	825	825	382	382
C E Newman	Texas	3574	BW5	129,571	129,571	5	5	2	2
C. R. Wing Cogeneration Plant	Texas	52176	1	129,571	129,571	200	200	92	92
C. R. Wing Cogeneration Plant	Texas	52176	2	129,571	129,571	204	204	94	94
Calpine Hidalgo Energy Center	Texas	7762	HRSO1	129,571	129,571	668	668	309	309
Calpine Hidalgo Energy Center	Texas	7762	HRSO2	129,571	129,571	594	594	275	275

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Alex Ty Cooke Generating Station	Texas	3602	2	0	0	0	0	0	0
Barney M. Davis	Texas	4939	1	248	0	1	1	1	1
Barney M. Davis	Texas	4939	3						
Barney M. Davis	Texas	4939	4						
Bastrop Clean Energy Center	Texas	55168	CTG-1A	2	2	2	2	3	2
Bastrop Clean Energy Center	Texas	55168	CTG-1B	2	1	2	2	3	3
Bayou Cogeneration Plant	Texas	10298	CG801						
Bayou Cogeneration Plant	Texas	10298	CG802						
Bayou Cogeneration Plant	Texas	10298	CG803						
Bayou Cogeneration Plant	Texas	10298	CG804						
Baytown Energy Center	Texas	55327	CTG-1	4	4	3	4	3	3
Baytown Energy Center	Texas	55327	CTG-2	4	3	3	3	4	3
Baytown Energy Center	Texas	55327	CTG-3	4	3	3	3	4	3
Big Brown	Texas	3497	1	46,888	38,344	48,054	49,777	36,843	30,573
Big Brown	Texas	3497	2	39,452	43,679	42,773	46,444	39,954	31,272
Blackhawk Station	Texas	55064	001	4	3	3	4	3	3
Blackhawk Station	Texas	55064	002	4	4	2	3	3	3
Bosque County Power Plant	Texas	55172	GT-1	0	0	0	0	0	0
Bosque County Power Plant	Texas	55172	GT-2	0	0	0	0	0	0
Bosque County Power Plant	Texas	55172	GT-3	3	3	4	3	2	2
Brazos Valley Energy, LP	Texas	55357	CTG1	1	3	3	2	3	3
Brazos Valley Energy, LP	Texas	55357	CTG2	1	3	4	2	3	3
C E Newman	Texas	3574	BW5	0	0	0	0	0	0
C. R. Wing Cogeneration Plant	Texas	52176	1		1	1	1	1	0
C. R. Wing Cogeneration Plant	Texas	52176	2		1	1	1	1	1
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	2	2	2	2	2	3
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	2	2	2	2	2	2

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Alex Ty Cooke Generating Station	Texas	3602	2	0	0	0			
Barney M. Davis	Texas	4939	1	1	0	248			
Barney M. Davis	Texas	4939	3		2	2			
Barney M. Davis	Texas	4939	4		2	2			
Bastrop Clean Energy Center	Texas	55168	CTG-1A	3	2	3			
Bastrop Clean Energy Center	Texas	55168	CTG-1B	3	2	3			
Bayou Cogeneration Plant	Texas	10298	CG801	2	1	2			
Bayou Cogeneration Plant	Texas	10298	CG802	2	2	2			
Bayou Cogeneration Plant	Texas	10298	CG803	1	2	2			
Bayou Cogeneration Plant	Texas	10298	CG804	2	2	2			
Baytown Energy Center	Texas	55327	CTG-1	3	3	4			
Baytown Energy Center	Texas	55327	CTG-2	3	3	4			
Baytown Energy Center	Texas	55327	CTG-3	3	4	4			
Big Brown	Texas	3497	1	28,929	31,131	49,777			
Big Brown	Texas	3497	2	26,619	32,169	46,444			
Blackhawk Station	Texas	55064	001	28	22	28			
Blackhawk Station	Texas	55064	002	31	29	31			
Bosque County Power Plant	Texas	55172	GT-1	0	0	0			
Bosque County Power Plant	Texas	55172	GT-2	0	0	0			
Bosque County Power Plant	Texas	55172	GT-3	2	1	4			
Brazos Valley Energy, LP	Texas	55357	CTG1	3	3	3			
Brazos Valley Energy, LP	Texas	55357	CTG2	3	3	4			
C E Newman	Texas	3574	BW5			0			
C. R. Wing Cogeneration Plant	Texas	52176	1	1	0	1			
C. R. Wing Cogeneration Plant	Texas	52176	2	1	0	1			
Calpine Hidalgo Energy Center	Texas	7762	HRS1	2	2	3			
Calpine Hidalgo Energy Center	Texas	7762	HRS2	2	2	2			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Alex Ty Cooke Generating Station	Texas	3602	2				44	27	40
Barney M. Davis	Texas	4939	1				814	115	343
Barney M. Davis	Texas	4939	3						
Barney M. Davis	Texas	4939	4						
Bastrop Clean Energy Center	Texas	55168	CTG-1A				96	97	117
Bastrop Clean Energy Center	Texas	55168	CTG-1B				88	95	120
Bayou Cogeneration Plant	Texas	10298	CG801						
Bayou Cogeneration Plant	Texas	10298	CG802						
Bayou Cogeneration Plant	Texas	10298	CG803						
Bayou Cogeneration Plant	Texas	10298	CG804						
Baytown Energy Center	Texas	55327	CTG-1				66	77	61
Baytown Energy Center	Texas	55327	CTG-2				67	67	69
Baytown Energy Center	Texas	55327	CTG-3				66	66	65
Big Brown	Texas	3497	1				3,882	3,078	3,689
Big Brown	Texas	3497	2				3,252	3,635	3,316
Blackhawk Station	Texas	55064	001				255	167	220
Blackhawk Station	Texas	55064	002				250	223	140
Bosque County Power Plant	Texas	55172	GT-1				32	3	45
Bosque County Power Plant	Texas	55172	GT-2				9	2	43
Bosque County Power Plant	Texas	55172	GT-3				215	227	197
Brazos Valley Energy, LP	Texas	55357	CTG1				45	81	85
Brazos Valley Energy, LP	Texas	55357	CTG2				47	81	81
C E Newman	Texas	3574	BW5				3	0	3
C. R. Wing Cogeneration Plant	Texas	52176	1					173	237
C. R. Wing Cogeneration Plant	Texas	52176	2					169	270
Calpine Hidalgo Energy Center	Texas	7762	HRSG1				90	105	121
Calpine Hidalgo Energy Center	Texas	7762	HRSG2				127	147	124

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Alex Ty Cooke Generating Station	Texas	3602	2	67	59	51	38	71	71
Barney M. Davis	Texas	4939	1	320	198	421	332	48	814
Barney M. Davis	Texas	4939	3					54	54
Barney M. Davis	Texas	4939	4					44	44
Bastrop Clean Energy Center	Texas	55168	CTG-1A	133	151	128	152	100	152
Bastrop Clean Energy Center	Texas	55168	CTG-1B	125	149	141	167	102	167
Bayou Cogeneration Plant	Texas	10298	CG801			102	94	65	102
Bayou Cogeneration Plant	Texas	10298	CG802			88	94	106	106
Bayou Cogeneration Plant	Texas	10298	CG803			94	72	104	104
Bayou Cogeneration Plant	Texas	10298	CG804			90	99	84	99
Baytown Energy Center	Texas	55327	CTG-1	75	63	83	99	61	99
Baytown Energy Center	Texas	55327	CTG-2	65	78	68	71	72	78
Baytown Energy Center	Texas	55327	CTG-3	66	82	65	74	75	82
Big Brown	Texas	3497	1	3,569	3,242	3,108	2,941	3,280	3,882
Big Brown	Texas	3497	2	3,403	3,386	3,297	2,836	3,473	3,635
Blackhawk Station	Texas	55064	001	388	173	194	197	238	388
Blackhawk Station	Texas	55064	002	173	167	235	233	259	259
Bosque County Power Plant	Texas	55172	GT-1	28	5	17	245	50	245
Bosque County Power Plant	Texas	55172	GT-2	28	5	23	288	41	288
Bosque County Power Plant	Texas	55172	GT-3	191	109	110	129	64	227
Brazos Valley Energy, LP	Texas	55357	CTG1	59	65	68	64	61	85
Brazos Valley Energy, LP	Texas	55357	CTG2	59	77	79	58	64	81
C E Newman	Texas	3574	BW5	4	0	0			4
C. R. Wing Cogeneration Plant	Texas	52176	1	195	196	115	109	51	237
C. R. Wing Cogeneration Plant	Texas	52176	2	201	180	126	103	45	270
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	178	175	223	141	165	223
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	156	173	170	153	159	173

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual	2013 Annual	2014 Annual	2015 Annual	2016 Annual	2017 Annual
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Alex Ty Cooke Generating Station	Texas	3602	2						
Barney M. Davis	Texas	4939	1						
Barney M. Davis	Texas	4939	3						
Barney M. Davis	Texas	4939	4						
Bastrop Clean Energy Center	Texas	55168	CTG-1A						
Bastrop Clean Energy Center	Texas	55168	CTG-1B						
Bayou Cogeneration Plant	Texas	10298	CG801						
Bayou Cogeneration Plant	Texas	10298	CG802						
Bayou Cogeneration Plant	Texas	10298	CG803						
Bayou Cogeneration Plant	Texas	10298	CG804						
Baytown Energy Center	Texas	55327	CTG-1						
Baytown Energy Center	Texas	55327	CTG-2						
Baytown Energy Center	Texas	55327	CTG-3						
Big Brown	Texas	3497	1						
Big Brown	Texas	3497	2						
Blackhawk Station	Texas	55064	001						
Blackhawk Station	Texas	55064	002						
Bosque County Power Plant	Texas	55172	GT-1						
Bosque County Power Plant	Texas	55172	GT-2						
Bosque County Power Plant	Texas	55172	GT-3						
Brazos Valley Energy, LP	Texas	55357	CTG1						
Brazos Valley Energy, LP	Texas	55357	CTG2						
C E Newman	Texas	3574	BW5						
C. R. Wing Cogeneration Plant	Texas	52176	1						
C. R. Wing Cogeneration Plant	Texas	52176	2						
Calpine Hidalgo Energy Center	Texas	7762	HRSG1						
Calpine Hidalgo Energy Center	Texas	7762	HRSG2						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Alex Ty Cooke Generating Station	Texas	3602	2	0	0	0	0
Barney M. Davis	Texas	4939	1	248	248	248	248
Barney M. Davis	Texas	4939	3	2	2	2	2
Barney M. Davis	Texas	4939	4	2	2	2	2
Bastrop Clean Energy Center	Texas	55168	CTG-1A	3	3	3	3
Bastrop Clean Energy Center	Texas	55168	CTG-1B	3	3	3	3
Bayou Cogeneration Plant	Texas	10298	CG801	2	2	2	2
Bayou Cogeneration Plant	Texas	10298	CG802	2	2	2	2
Bayou Cogeneration Plant	Texas	10298	CG803	2	2	2	2
Bayou Cogeneration Plant	Texas	10298	CG804	2	2	2	2
Baytown Energy Center	Texas	55327	CTG-1	4	4	4	4
Baytown Energy Center	Texas	55327	CTG-2	4	4	4	4
Baytown Energy Center	Texas	55327	CTG-3	4	4	4	4
Big Brown	Texas	3497	1	8,473	8,473	8,473	8,473
Big Brown	Texas	3497	2	8,559	8,559	8,559	8,559
Blackhawk Station	Texas	55064	001	28	28	28	28
Blackhawk Station	Texas	55064	002	31	31	31	31
Bosque County Power Plant	Texas	55172	GT-1	0	0	0	0
Bosque County Power Plant	Texas	55172	GT-2	0	0	0	0
Bosque County Power Plant	Texas	55172	GT-3	4	4	4	4
Brazos Valley Energy, LP	Texas	55357	CTG1	3	3	3	3
Brazos Valley Energy, LP	Texas	55357	CTG2	4	4	4	4
C E Newman	Texas	3574	BW5	0	0	0	0
C. R. Wing Cogeneration Plant	Texas	52176	1	1	1	1	1
C. R. Wing Cogeneration Plant	Texas	52176	2	1	1	1	1
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	3	3	3	3
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	2	2	2	2

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Alex Ty Cooke Generating Station	Texas	3602	2	0	0	41	41
Barney M. Davis	Texas	4939	1	248	248	203	203
Barney M. Davis	Texas	4939	3	2	2	54	54
Barney M. Davis	Texas	4939	4	2	2	44	44
Bastrop Clean Energy Center	Texas	55168	CTG-1A	3	3	152	152
Bastrop Clean Energy Center	Texas	55168	CTG-1B	3	3	167	167
Bayou Cogeneration Plant	Texas	10298	CG801	2	2	102	102
Bayou Cogeneration Plant	Texas	10298	CG802	2	2	106	106
Bayou Cogeneration Plant	Texas	10298	CG803	2	2	104	104
Bayou Cogeneration Plant	Texas	10298	CG804	2	2	99	99
Baytown Energy Center	Texas	55327	CTG-1	4	4	99	99
Baytown Energy Center	Texas	55327	CTG-2	4	4	78	78
Baytown Energy Center	Texas	55327	CTG-3	4	4	82	82
Big Brown	Texas	3497	1	8,473	8,473	2,455	2,455
Big Brown	Texas	3497	2	8,559	8,559	2,480	2,480
Blackhawk Station	Texas	55064	001	28	28	388	388
Blackhawk Station	Texas	55064	002	31	31	259	259
Bosque County Power Plant	Texas	55172	GT-1	0	0	54	54
Bosque County Power Plant	Texas	55172	GT-2	0	0	61	61
Bosque County Power Plant	Texas	55172	GT-3	4	4	227	227
Brazos Valley Energy, LP	Texas	55357	CTG1	3	3	85	85
Brazos Valley Energy, LP	Texas	55357	CTG2	4	4	81	81
C E Newman	Texas	3574	BW5	0	0	3	3
C. R. Wing Cogeneration Plant	Texas	52176	1	1	1	129	129
C. R. Wing Cogeneration Plant	Texas	52176	2	1	1	132	132
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	3	3	223	223
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	2	2	173	173

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Alex Ty Cooke Generating Station	Texas	3602	2	41	41	41	41
Barney M. Davis	Texas	4939	1	203	203	203	203
Barney M. Davis	Texas	4939	3	54	54	54	54
Barney M. Davis	Texas	4939	4	44	44	44	44
Bastrop Clean Energy Center	Texas	55168	CTG-1A	152	152	152	152
Bastrop Clean Energy Center	Texas	55168	CTG-1B	167	167	167	167
Bayou Cogeneration Plant	Texas	10298	CG801	102	102	102	102
Bayou Cogeneration Plant	Texas	10298	CG802	106	106	106	106
Bayou Cogeneration Plant	Texas	10298	CG803	104	104	104	104
Bayou Cogeneration Plant	Texas	10298	CG804	99	99	99	99
Baytown Energy Center	Texas	55327	CTG-1	99	99	99	99
Baytown Energy Center	Texas	55327	CTG-2	78	78	78	78
Baytown Energy Center	Texas	55327	CTG-3	82	82	82	82
Big Brown	Texas	3497	1	2,455	2,455	2,455	2,455
Big Brown	Texas	3497	2	2,480	2,480	2,480	2,480
Blackhawk Station	Texas	55064	001	388	388	388	388
Blackhawk Station	Texas	55064	002	259	259	259	259
Bosque County Power Plant	Texas	55172	GT-1	54	54	54	54
Bosque County Power Plant	Texas	55172	GT-2	61	61	61	61
Bosque County Power Plant	Texas	55172	GT-3	227	227	227	227
Brazos Valley Energy, LP	Texas	55357	CTG1	85	85	85	85
Brazos Valley Energy, LP	Texas	55357	CTG2	81	81	81	81
C E Newman	Texas	3574	BW5	3	3	3	3
C. R. Wing Cogeneration Plant	Texas	52176	1	129	129	129	129
C. R. Wing Cogeneration Plant	Texas	52176	2	132	132	132	132
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	223	223	223	223
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	173	173	173	173

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Alex Ty Cooke Generating Station	Texas	3602	2	643,351	477,693	539,205	452,335	737,592	640,049
Barney M. Davis	Texas	4939	1	3,126,494	1,554,214	3,308,707	2,865,913	651,813	3,100,371
Barney M. Davis	Texas	4939	3					4,355,946	4,355,946
Barney M. Davis	Texas	4939	4					3,599,141	3,599,141
Bastrop Clean Energy Center	Texas	55168	CTG-1A	3,893,727	3,990,958	4,169,883	5,162,338	3,195,317	4,441,060
Bastrop Clean Energy Center	Texas	55168	CTG-1B	3,818,871	4,016,172	4,089,786	4,976,648	3,283,834	4,360,869
Bayou Cogeneration Plant	Texas	10298	CG801			2,590,869	2,927,314	2,342,833	2,620,339
Bayou Cogeneration Plant	Texas	10298	CG802			2,657,176	2,835,630	2,811,891	2,768,232
Bayou Cogeneration Plant	Texas	10298	CG803			2,776,817	2,569,349	2,914,283	2,753,483
Bayou Cogeneration Plant	Texas	10298	CG804			2,767,657	2,785,629	2,960,930	2,838,072
Baytown Energy Center	Texas	55327	CTG-1	5,652,874	5,001,983	5,721,239	4,463,848	3,718,986	5,458,699
Baytown Energy Center	Texas	55327	CTG-2	5,300,440	5,733,722	4,990,348	5,087,136	5,312,296	5,448,819
Baytown Energy Center	Texas	55327	CTG-3	5,360,687	5,593,575	5,420,172	5,339,953	5,714,885	5,576,211
Big Brown	Texas	3497	1	22,210,660	16,744,776	21,112,222	17,598,199	20,609,140	21,310,674
Big Brown	Texas	3497	2	21,390,804	18,300,231	19,506,599	13,973,820	21,085,361	20,660,921
Blackhawk Station	Texas	55064	001	5,545,401	4,520,165	4,501,526	4,411,936	3,783,649	4,855,697
Blackhawk Station	Texas	55064	002	3,977,613	4,388,866	4,539,016	4,483,130	4,587,136	4,536,427
Bosque County Power Plant	Texas	55172	GT-1	961,776	209,565	874,916	514,936	54,705	783,876
Bosque County Power Plant	Texas	55172	GT-2	948,026	191,679	1,187,312	646,645	50,199	927,328
Bosque County Power Plant	Texas	55172	GT-3	4,147,589	4,744,798	3,777,738	4,403,449	3,738,780	4,431,945
Brazos Valley Energy, LP	Texas	55357	CTG1	4,521,652	5,618,001	5,548,559	5,405,383	4,867,222	5,523,981
Brazos Valley Energy, LP	Texas	55357	CTG2	4,742,686	4,987,084	5,945,820	5,225,051	4,457,044	5,385,985
C E Newman	Texas	3574	BW5	155,776	13,075	2,845			57,232
C. R. Wing Cogeneration Plant	Texas	52176	1	2,312,029	2,073,338	1,220,352	1,255,287	747,196	1,880,218
C. R. Wing Cogeneration Plant	Texas	52176	2	2,549,968	2,175,802	1,387,903	1,362,003	739,218	2,037,891
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	3,851,935	2,873,528	4,304,113	4,858,828	3,988,018	4,383,653
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	2,960,166	3,864,983	4,290,025	4,462,333	2,941,655	4,205,780

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Alex Ty Cooke Generating Station	Texas	3602	2	1,726,255,329	0.000371	61,841	61,841	23	23
Barney M. Davis	Texas	4939	1	1,726,255,329	0.001796	61,841	61,841	111	111
Barney M. Davis	Texas	4939	3	1,726,255,329	0.002523	61,841	61,841	156	156
Barney M. Davis	Texas	4939	4	1,726,255,329	0.002085	61,841	61,841	129	129
Bastrop Clean Energy Center	Texas	55168	CTG-1A	1,726,255,329	0.002573	61,841	61,841	159	159
Bastrop Clean Energy Center	Texas	55168	CTG-1B	1,726,255,329	0.002526	61,841	61,841	156	156
Bayou Cogeneration Plant	Texas	10298	CG801	1,726,255,329	0.001518	61,841	61,841	94	94
Bayou Cogeneration Plant	Texas	10298	CG802	1,726,255,329	0.001604	61,841	61,841	99	99
Bayou Cogeneration Plant	Texas	10298	CG803	1,726,255,329	0.001595	61,841	61,841	99	99
Bayou Cogeneration Plant	Texas	10298	CG804	1,726,255,329	0.001644	61,841	61,841	102	102
Baytown Energy Center	Texas	55327	CTG-1	1,726,255,329	0.003162	61,841	61,841	196	196
Baytown Energy Center	Texas	55327	CTG-2	1,726,255,329	0.003156	61,841	61,841	195	195
Baytown Energy Center	Texas	55327	CTG-3	1,726,255,329	0.003230	61,841	61,841	200	200
Big Brown	Texas	3497	1	1,726,255,329	0.012345	61,841	61,841	763	763
Big Brown	Texas	3497	2	1,726,255,329	0.011969	61,841	61,841	740	740
Blackhawk Station	Texas	55064	001	1,726,255,329	0.002813	61,841	61,841	174	174
Blackhawk Station	Texas	55064	002	1,726,255,329	0.002628	61,841	61,841	163	163
Bosque County Power Plant	Texas	55172	GT-1	1,726,255,329	0.000454	61,841	61,841	28	28
Bosque County Power Plant	Texas	55172	GT-2	1,726,255,329	0.000537	61,841	61,841	33	33
Bosque County Power Plant	Texas	55172	GT-3	1,726,255,329	0.002567	61,841	61,841	159	159
Brazos Valley Energy, LP	Texas	55357	CTG1	1,726,255,329	0.003200	61,841	61,841	198	198
Brazos Valley Energy, LP	Texas	55357	CTG2	1,726,255,329	0.003120	61,841	61,841	193	193
C E Newman	Texas	3574	BW5	1,726,255,329	0.000033	61,841	61,841	2	2
C. R. Wing Cogeneration Plant	Texas	52176	1	1,726,255,329	0.001089	61,841	61,841	67	67
C. R. Wing Cogeneration Plant	Texas	52176	2	1,726,255,329	0.001181	61,841	61,841	73	73
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	1,726,255,329	0.002539	61,841	61,841	157	157
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	1,726,255,329	0.002436	61,841	61,841	151	151

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Alex Ty Cooke Generating Station	Texas	3602	2	23	27	36	54	39	43
Barney M. Davis	Texas	4939	1	450	27	294	272	170	303
Barney M. Davis	Texas	4939	3						
Barney M. Davis	Texas	4939	4						
Bastrop Clean Energy Center	Texas	55168	CTG-1A	53	47	61	66	67	61
Bastrop Clean Energy Center	Texas	55168	CTG-1B	52	50	75	59	65	60
Bayou Cogeneration Plant	Texas	10298	CG801						41
Bayou Cogeneration Plant	Texas	10298	CG802						41
Bayou Cogeneration Plant	Texas	10298	CG803						42
Bayou Cogeneration Plant	Texas	10298	CG804						40
Baytown Energy Center	Texas	55327	CTG-1	27	35	30	35	30	38
Baytown Energy Center	Texas	55327	CTG-2	29	29	27	31	33	37
Baytown Energy Center	Texas	55327	CTG-3	26	27	29	32	34	34
Big Brown	Texas	3497	1	1,668	1,599	1,629	1,544	1,274	1,577
Big Brown	Texas	3497	2	1,706	1,577	1,559	1,569	1,334	1,506
Blackhawk Station	Texas	55064	001	107	47	85	93	77	78
Blackhawk Station	Texas	55064	002	112	97	67	69	77	81
Bosque County Power Plant	Texas	55172	GT-1	17	2	35	19	4	15
Bosque County Power Plant	Texas	55172	GT-2	4	1	33	20	3	20
Bosque County Power Plant	Texas	55172	GT-3	103	92	83	86	74	51
Brazos Valley Energy, LP	Texas	55357	CTG1	28	36	39	33	35	35
Brazos Valley Energy, LP	Texas	55357	CTG2	28	35	37	32	35	37
C E Newman	Texas	3574	BW5	2	0	3	4	0	0
C. R. Wing Cogeneration Plant	Texas	52176	1		137	150	155	129	84
C. R. Wing Cogeneration Plant	Texas	52176	2		138	177	171	132	88
Calpine Hidalgo Energy Center	Texas	7762	HRS1	48	56	62	97	74	85
Calpine Hidalgo Energy Center	Texas	7762	HRS2	68	70	51	71	89	86

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Alex Ty Cooke Generating Station	Texas	3602	2	35	58	58			
Barney M. Davis	Texas	4939	1	303	48	450			
Barney M. Davis	Texas	4939	3		30	30			
Barney M. Davis	Texas	4939	4		23	23			
Bastrop Clean Energy Center	Texas	55168	CTG-1A	81	51	81			
Bastrop Clean Energy Center	Texas	55168	CTG-1B	83	56	83			
Bayou Cogeneration Plant	Texas	10298	CG801	47	37	47			
Bayou Cogeneration Plant	Texas	10298	CG802	44	44	44			
Bayou Cogeneration Plant	Texas	10298	CG803	39	45	45			
Bayou Cogeneration Plant	Texas	10298	CG804	40	43	43			
Baytown Energy Center	Texas	55327	CTG-1	50	25	50			
Baytown Energy Center	Texas	55327	CTG-2	37	33	37			
Baytown Energy Center	Texas	55327	CTG-3	36	35	36			
Big Brown	Texas	3497	1	1,271	1,433	1,668			
Big Brown	Texas	3497	2	1,057	1,500	1,706			
Blackhawk Station	Texas	55064	001	90	90	107			
Blackhawk Station	Texas	55064	002	91	107	112			
Bosque County Power Plant	Texas	55172	GT-1	146	2	146			
Bosque County Power Plant	Texas	55172	GT-2	188	2	188			
Bosque County Power Plant	Texas	55172	GT-3	74	54	103			
Brazos Valley Energy, LP	Texas	55357	CTG1	35	31	39			
Brazos Valley Energy, LP	Texas	55357	CTG2	33	30	37			
C E Newman	Texas	3574	BW5			4			
C. R. Wing Cogeneration Plant	Texas	52176	1	82	49	155			
C. R. Wing Cogeneration Plant	Texas	52176	2	78	43	177			
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	83	75	97			
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	85	53	89			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Alex Ty Cooke Generating Station	Texas	3602	2				33	33
Barney M. Davis	Texas	4939	1				161	161
Barney M. Davis	Texas	4939	3				30	30
Barney M. Davis	Texas	4939	4				23	23
Bastrop Clean Energy Center	Texas	55168	CTG-1A				81	81
Bastrop Clean Energy Center	Texas	55168	CTG-1B				83	83
Bayou Cogeneration Plant	Texas	10298	CG801				47	47
Bayou Cogeneration Plant	Texas	10298	CG802				44	44
Bayou Cogeneration Plant	Texas	10298	CG803				45	45
Bayou Cogeneration Plant	Texas	10298	CG804				43	43
Baytown Energy Center	Texas	55327	CTG-1				50	50
Baytown Energy Center	Texas	55327	CTG-2				37	37
Baytown Energy Center	Texas	55327	CTG-3				36	36
Big Brown	Texas	3497	1				1,104	1,104
Big Brown	Texas	3497	2				1,070	1,070
Blackhawk Station	Texas	55064	001				107	107
Blackhawk Station	Texas	55064	002				112	112
Bosque County Power Plant	Texas	55172	GT-1				41	41
Bosque County Power Plant	Texas	55172	GT-2				48	48
Bosque County Power Plant	Texas	55172	GT-3				103	103
Brazos Valley Energy, LP	Texas	55357	CTG1				39	39
Brazos Valley Energy, LP	Texas	55357	CTG2				37	37
C E Newman	Texas	3574	BW5				3	3
C. R. Wing Cogeneration Plant	Texas	52176	1				97	97
C. R. Wing Cogeneration Plant	Texas	52176	2				106	106
Calpine Hidalgo Energy Center	Texas	7762	HRSG1				97	97
Calpine Hidalgo Energy Center	Texas	7762	HRSG2				89	89

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Alex Ty Cooke Generating Station	Texas	3602	2	33	33	33	33	Y
Barney M. Davis	Texas	4939	1	161	161	161	161	Y
Barney M. Davis	Texas	4939	3	30	30	30	30	Y
Barney M. Davis	Texas	4939	4	23	23	23	23	Y
Bastrop Clean Energy Center	Texas	55168	CTG-1A	81	81	81	81	Y
Bastrop Clean Energy Center	Texas	55168	CTG-1B	83	83	83	83	Y
Bayou Cogeneration Plant	Texas	10298	CG801	47	47	47	47	Y
Bayou Cogeneration Plant	Texas	10298	CG802	44	44	44	44	Y
Bayou Cogeneration Plant	Texas	10298	CG803	45	45	45	45	Y
Bayou Cogeneration Plant	Texas	10298	CG804	43	43	43	43	Y
Baytown Energy Center	Texas	55327	CTG-1	50	50	50	50	Y
Baytown Energy Center	Texas	55327	CTG-2	37	37	37	37	Y
Baytown Energy Center	Texas	55327	CTG-3	36	36	36	36	Y
Big Brown	Texas	3497	1	1,104	1,104	1,104	1,104	Y
Big Brown	Texas	3497	2	1,070	1,070	1,070	1,070	Y
Blackhawk Station	Texas	55064	001	107	107	107	107	Y
Blackhawk Station	Texas	55064	002	112	112	112	112	Y
Bosque County Power Plant	Texas	55172	GT-1	41	41	41	41	Y
Bosque County Power Plant	Texas	55172	GT-2	48	48	48	48	Y
Bosque County Power Plant	Texas	55172	GT-3	103	103	103	103	Y
Brazos Valley Energy, LP	Texas	55357	CTG1	39	39	39	39	Y
Brazos Valley Energy, LP	Texas	55357	CTG2	37	37	37	37	Y
C E Newman	Texas	3574	BW5	3	3	3	3	Y
C. R. Wing Cogeneration Plant	Texas	52176	1	97	97	97	97	Y
C. R. Wing Cogeneration Plant	Texas	52176	2	106	106	106	106	Y
Calpine Hidalgo Energy Center	Texas	7762	HRS1	97	97	97	97	Y
Calpine Hidalgo Energy Center	Texas	7762	HRS2	89	89	89	89	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Alex Ty Cooke Generating Station	Texas	3602	2		Y	Y		
Barney M. Davis	Texas	4939	1		Y	Y		
Barney M. Davis	Texas	4939	3		Y	Y		
Barney M. Davis	Texas	4939	4		Y	Y		
Bastrop Clean Energy Center	Texas	55168	CTG-1A		Y	Y		
Bastrop Clean Energy Center	Texas	55168	CTG-1B		Y	Y		
Bayou Cogeneration Plant	Texas	10298	CG801		Y	Y		
Bayou Cogeneration Plant	Texas	10298	CG802		Y	Y		
Bayou Cogeneration Plant	Texas	10298	CG803		Y	Y		
Bayou Cogeneration Plant	Texas	10298	CG804		Y	Y		
Baytown Energy Center	Texas	55327	CTG-1		Y	Y		
Baytown Energy Center	Texas	55327	CTG-2		Y	Y		
Baytown Energy Center	Texas	55327	CTG-3		Y	Y		
Big Brown	Texas	3497	1		Y	Y		
Big Brown	Texas	3497	2		Y	Y		
Blackhawk Station	Texas	55064	001		Y	Y		
Blackhawk Station	Texas	55064	002		Y	Y		
Bosque County Power Plant	Texas	55172	GT-1		Y	Y		
Bosque County Power Plant	Texas	55172	GT-2		Y	Y		
Bosque County Power Plant	Texas	55172	GT-3		Y	Y		
Brazos Valley Energy, LP	Texas	55357	CTG1		Y	Y		
Brazos Valley Energy, LP	Texas	55357	CTG2		Y	Y		
C E Newman	Texas	3574	BW5		Y	Y		
C. R. Wing Cogeneration Plant	Texas	52176	1		Y	Y		
C. R. Wing Cogeneration Plant	Texas	52176	2		Y	Y		
Calpine Hidalgo Energy Center	Texas	7762	HRSG1		Y	Y		
Calpine Hidalgo Energy Center	Texas	7762	HRSG2		Y	Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Cedar Bayou	Texas	3460	CBY1	2343	17,376,923	9,542,230	14,140,835	7,618,852	7,259,075
Cedar Bayou	Texas	3460	CBY2	2344	13,565,304	10,487,301	6,175,296	7,724,438	5,243,300
Cedar Bayou 4	Texas	56806	CBY41	90407				5,263,196	7,432,007
Cedar Bayou 4	Texas	56806	CBY42	90408				5,658,159	8,695,888
Channel Energy Center	Texas	55299	CTG1	4477	15,412,159	14,111,448	12,225,196	12,940,516	9,985,960
Channel Energy Center	Texas	55299	CTG2	4478	13,216,963	14,292,954	12,087,089	10,664,578	8,659,550
Channelview Cogeneration Facility	Texas	55187	CHV1	4077	14,073,394	14,095,791	13,221,662	14,189,229	14,647,224
Channelview Cogeneration Facility	Texas	55187	CHV2	4078	13,432,888	13,134,890	11,331,808	12,740,482	14,242,384
Channelview Cogeneration Facility	Texas	55187	CHV3	4079	13,354,821	12,151,042	14,353,956	12,029,636	13,241,358
Channelview Cogeneration Facility	Texas	55187	CHV4	4080	11,964,057	13,029,575	12,948,471	15,162,327	14,700,791
Clear Lake Cogeneration	Texas	10741	G102	89945			2,657,774	1,772,613	2,260,130
Clear Lake Cogeneration	Texas	10741	G103	89946			2,612,825	1,983,882	1,519,467
Clear Lake Cogeneration	Texas	10741	G104	89947			2,556,082	1,443,948	2,128,494
Coletto Creek	Texas	6178	1	2826	52,691,223	42,738,058	48,863,808	51,330,220	43,496,800
Colorado Bend Energy Center	Texas	56350	CT1A	4573		1,152,124	2,839,411	2,415,767	2,490,858
Colorado Bend Energy Center	Texas	56350	CT1B	4574		1,056,331	2,658,998	2,619,687	2,203,261
Colorado Bend Energy Center	Texas	56350	CT2A	4577			949,083	3,533,026	2,846,688
Colorado Bend Energy Center	Texas	56350	CT2B	4578			948,454	3,540,398	2,801,720
Copper Station	Texas	9	CTG-1	90211			295,726	221,277	243,752
Corpus Christi	Texas	50475	GEN1		4,563,002	3,228,433	4,510,976	4,248,957	
Corpus Christi Energy Center	Texas	55206	CU1	4138	10,263,568	11,538,868	13,200,590	13,041,619	12,571,186
Corpus Christi Energy Center	Texas	55206	CU2	4139	9,976,118	14,402,003	11,228,867	11,608,135	11,374,440
Cottonwood Energy Project	Texas	55358	CT1	4545	3,019,150	5,895,300	9,532,327	5,809,426	5,236,228
Cottonwood Energy Project	Texas	55358	CT2	4546	3,197,332	8,121,446	8,711,113	5,595,939	6,220,849
Cottonwood Energy Project	Texas	55358	CT3	4547	6,524,167	7,010,521	5,977,617	8,328,222	8,696,917
Cottonwood Energy Project	Texas	55358	CT4	4548	5,470,092	6,406,594	6,136,700	8,047,681	4,484,668
Decker Creek	Texas	3548	1	2454	7,470,100	4,996,840	8,000,457	5,964,498	4,794,420

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Cedar Bayou	Texas	3460	CBY1	13,686,663	3,511,906,933	0.003897	279,747	279,747
Cedar Bayou	Texas	3460	CBY2	10,592,348	3,511,906,933	0.003016	279,747	279,747
Cedar Bayou 4	Texas	56806	CBY41	6,347,601	3,511,906,933	0.001807	279,747	279,747
Cedar Bayou 4	Texas	56806	CBY42	7,177,023	3,511,906,933	0.002044	279,747	279,747
Channel Energy Center	Texas	55299	CTG1	14,154,708	3,511,906,933	0.004030	279,747	279,747
Channel Energy Center	Texas	55299	CTG2	13,199,002	3,511,906,933	0.003758	279,747	279,747
Channelview Cogeneration Facility	Texas	55187	CHV1	14,310,748	3,511,906,933	0.004075	279,747	279,747
Channelview Cogeneration Facility	Texas	55187	CHV2	13,603,388	3,511,906,933	0.003874	279,747	279,747
Channelview Cogeneration Facility	Texas	55187	CHV3	13,650,045	3,511,906,933	0.003887	279,747	279,747
Channelview Cogeneration Facility	Texas	55187	CHV4	14,297,564	3,511,906,933	0.004071	279,747	279,747
Clear Lake Cogeneration	Texas	10741	G102	2,230,172	3,511,906,933	0.000635	279,747	279,747
Clear Lake Cogeneration	Texas	10741	G103	2,038,724	3,511,906,933	0.000581	279,747	279,747
Clear Lake Cogeneration	Texas	10741	G104	2,042,841	3,511,906,933	0.000582	279,747	279,747
Coletto Creek	Texas	6178	1	50,961,750	3,511,906,933	0.014511	279,747	279,747
Colorado Bend Energy Center	Texas	56350	CT1A	2,582,012	3,511,906,933	0.000735	279,747	279,747
Colorado Bend Energy Center	Texas	56350	CT1B	2,493,982	3,511,906,933	0.000710	279,747	279,747
Colorado Bend Energy Center	Texas	56350	CT2A	2,442,933	3,511,906,933	0.000696	279,747	279,747
Colorado Bend Energy Center	Texas	56350	CT2B	2,430,191	3,511,906,933	0.000692	279,747	279,747
Copper Station	Texas	9	CTG-1	253,585	3,511,906,933	0.000072	279,747	279,747
Corpus Christi	Texas	50475	GEN1	4,440,978	3,511,906,933	0.001265	279,747	279,747
Corpus Christi Energy Center	Texas	55206	CU1	12,937,798	3,511,906,933	0.003684	279,747	279,747
Corpus Christi Energy Center	Texas	55206	CU2	12,461,526	3,511,906,933	0.003548	279,747	279,747
Cottonwood Energy Project	Texas	55358	CT1	7,079,017	3,511,906,933	0.002016	279,747	279,747
Cottonwood Energy Project	Texas	55358	CT2	7,684,469	3,511,906,933	0.002188	279,747	279,747
Cottonwood Energy Project	Texas	55358	CT3	8,011,887	3,511,906,933	0.002281	279,747	279,747
Cottonwood Energy Project	Texas	55358	CT4	6,863,659	3,511,906,933	0.001954	279,747	279,747
Decker Creek	Texas	3548	1	7,145,018	3,511,906,933	0.002035	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Cedar Bayou	Texas	3460	CBY1	129,571	129,571	1,090	1,090	505	505
Cedar Bayou	Texas	3460	CBY2	129,571	129,571	844	844	391	391
Cedar Bayou 4	Texas	56806	CBY41	129,571	129,571	506	506	234	234
Cedar Bayou 4	Texas	56806	CBY42	129,571	129,571	572	572	265	265
Channel Energy Center	Texas	55299	CTG1	129,571	129,571	1,128	1,128	522	522
Channel Energy Center	Texas	55299	CTG2	129,571	129,571	1,051	1,051	487	487
Channelview Cogeneration Facility	Texas	55187	CHV1	129,571	129,571	1,140	1,140	528	528
Channelview Cogeneration Facility	Texas	55187	CHV2	129,571	129,571	1,084	1,084	502	502
Channelview Cogeneration Facility	Texas	55187	CHV3	129,571	129,571	1,087	1,087	504	504
Channelview Cogeneration Facility	Texas	55187	CHV4	129,571	129,571	1,139	1,139	528	528
Clear Lake Cogeneration	Texas	10741	G102	129,571	129,571	178	178	82	82
Clear Lake Cogeneration	Texas	10741	G103	129,571	129,571	162	162	75	75
Clear Lake Cogeneration	Texas	10741	G104	129,571	129,571	163	163	75	75
Coletto Creek	Texas	6178	1	129,571	129,571	4,059	4,059	1,880	1,880
Colorado Bend Energy Center	Texas	56350	CT1A	129,571	129,571	206	206	95	95
Colorado Bend Energy Center	Texas	56350	CT1B	129,571	129,571	199	199	92	92
Colorado Bend Energy Center	Texas	56350	CT2A	129,571	129,571	195	195	90	90
Colorado Bend Energy Center	Texas	56350	CT2B	129,571	129,571	194	194	90	90
Copper Station	Texas	9	CTG-1	129,571	129,571	20	20	9	9
Corpus Christi	Texas	50475	GEN1	129,571	129,571	354	354	164	164
Corpus Christi Energy Center	Texas	55206	CU1	129,571	129,571	1,031	1,031	477	477
Corpus Christi Energy Center	Texas	55206	CU2	129,571	129,571	993	993	460	460
Cottonwood Energy Project	Texas	55358	CT1	129,571	129,571	564	564	261	261
Cottonwood Energy Project	Texas	55358	CT2	129,571	129,571	612	612	284	284
Cottonwood Energy Project	Texas	55358	CT3	129,571	129,571	638	638	296	296
Cottonwood Energy Project	Texas	55358	CT4	129,571	129,571	547	547	253	253
Decker Creek	Texas	3548	1	129,571	129,571	569	569	264	264

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Cedar Bayou	Texas	3460	CBY1	103	4	4	5	3	4
Cedar Bayou	Texas	3460	CBY2	417	5	3	4	3	2
Cedar Bayou 4	Texas	56806	CBY41						
Cedar Bayou 4	Texas	56806	CBY42						
Channel Energy Center	Texas	55299	CTG1	3	4	7	8	10	9
Channel Energy Center	Texas	55299	CTG2	4	4	6	7	10	10
Channelview Cogeneration Facility	Texas	55187	CHV1	4	4	4	4	4	4
Channelview Cogeneration Facility	Texas	55187	CHV2	4	3	3	4	4	3
Channelview Cogeneration Facility	Texas	55187	CHV3	4	4	4	4	4	4
Channelview Cogeneration Facility	Texas	55187	CHV4	4	4	4	4	4	4
Clear Lake Cogeneration	Texas	10741	G102						1
Clear Lake Cogeneration	Texas	10741	G103						1
Clear Lake Cogeneration	Texas	10741	G104						1
Coleta Creek	Texas	6178	1	13,707	15,063	14,395	14,008	14,274	17,417
Colorado Bend Energy Center	Texas	56350	CT1A	0				0	1
Colorado Bend Energy Center	Texas	56350	CT1B	0				0	1
Colorado Bend Energy Center	Texas	56350	CT2A	0					0
Colorado Bend Energy Center	Texas	56350	CT2B	0					0
Copper Station	Texas	9	CTG-1						
Corpus Christi	Texas	50475	GEN1		6	8		6	
Corpus Christi Energy Center	Texas	55206	CU1	3	3	4	3	3	4
Corpus Christi Energy Center	Texas	55206	CU2	3	4	3	3	4	3
Cottonwood Energy Project	Texas	55358	CT1	0	1	1	1	2	3
Cottonwood Energy Project	Texas	55358	CT2	1	2	2	1	2	3
Cottonwood Energy Project	Texas	55358	CT3	1	1	2	2	2	2
Cottonwood Energy Project	Texas	55358	CT4	1	2	1	2	2	2
Decker Creek	Texas	3548	1	10	3	1	2	3	3

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Cedar Bayou	Texas	3460	CBY1	2	2	103			
Cedar Bayou	Texas	3460	CBY2	2	2	417			
Cedar Bayou 4	Texas	56806	CBY41	2	2	2			
Cedar Bayou 4	Texas	56806	CBY42	2	3	3			
Channel Energy Center	Texas	55299	CTG1	11	9	11			
Channel Energy Center	Texas	55299	CTG2	8	8	10			
Channelview Cogeneration Facility	Texas	55187	CHV1	4	4	4			
Channelview Cogeneration Facility	Texas	55187	CHV2	4	4	4			
Channelview Cogeneration Facility	Texas	55187	CHV3	4	4	4			
Channelview Cogeneration Facility	Texas	55187	CHV4	5	4	5			
Clear Lake Cogeneration	Texas	10741	G102	1	1	1			
Clear Lake Cogeneration	Texas	10741	G103	1	0	1			
Clear Lake Cogeneration	Texas	10741	G104	0	1	1			
Coledo Creek	Texas	6178	1	21,453	17,616	21,453			
Colorado Bend Energy Center	Texas	56350	CT1A	1	1	1			
Colorado Bend Energy Center	Texas	56350	CT1B	1	1	1			
Colorado Bend Energy Center	Texas	56350	CT2A	1	1	1			
Colorado Bend Energy Center	Texas	56350	CT2B	1	1	1			
Copper Station	Texas	9	CTG-1	0	0	0			
Corpus Christi	Texas	50475	GEN1			8			
Corpus Christi Energy Center	Texas	55206	CU1	4	4	4			
Corpus Christi Energy Center	Texas	55206	CU2	3	3	4			
Cottonwood Energy Project	Texas	55358	CT1	2	2	3			
Cottonwood Energy Project	Texas	55358	CT2	2	2	3			
Cottonwood Energy Project	Texas	55358	CT3	3	3	3			
Cottonwood Energy Project	Texas	55358	CT4	2	1	2			
Decker Creek	Texas	3548	1	2	1	10			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Cedar Bayou	Texas	3460	CBY1				591	472	234
Cedar Bayou	Texas	3460	CBY2				914	202	140
Cedar Bayou 4	Texas	56806	CBY41						
Cedar Bayou 4	Texas	56806	CBY42						
Channel Energy Center	Texas	55299	CTG1				77	89	86
Channel Energy Center	Texas	55299	CTG2				82	89	96
Channelview Cogeneration Facility	Texas	55187	CHV1				73	77	72
Channelview Cogeneration Facility	Texas	55187	CHV2				71	56	65
Channelview Cogeneration Facility	Texas	55187	CHV3				88	83	69
Channelview Cogeneration Facility	Texas	55187	CHV4				80	77	82
Clear Lake Cogeneration	Texas	10741	G102						
Clear Lake Cogeneration	Texas	10741	G103						
Clear Lake Cogeneration	Texas	10741	G104						
Coletto Creek	Texas	6178	1				3,640	3,800	3,870
Colorado Bend Energy Center	Texas	56350	CT1A				0		
Colorado Bend Energy Center	Texas	56350	CT1B				1		
Colorado Bend Energy Center	Texas	56350	CT2A				0		
Colorado Bend Energy Center	Texas	56350	CT2B				0		
Copper Station	Texas	9	CTG-1						
Corpus Christi	Texas	50475	GEN1					159	209
Corpus Christi Energy Center	Texas	55206	CU1				126	200	187
Corpus Christi Energy Center	Texas	55206	CU2				129	175	190
Cottonwood Energy Project	Texas	55358	CT1				16	43	43
Cottonwood Energy Project	Texas	55358	CT2				24	64	57
Cottonwood Energy Project	Texas	55358	CT3				23	39	51
Cottonwood Energy Project	Texas	55358	CT4				25	57	45
Decker Creek	Texas	3548	1				539	670	292

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Cedar Bayou	Texas	3460	CBY1	227	117	151	120	98	591
Cedar Bayou	Texas	3460	CBY2	217	184	76	116	80	914
Cedar Bayou 4	Texas	56806	CBY41				28	38	38
Cedar Bayou 4	Texas	56806	CBY42				24	41	41
Channel Energy Center	Texas	55299	CTG1	137	515	120	84	59	515
Channel Energy Center	Texas	55299	CTG2	113	150	103	86	59	150
Channelview Cogeneration Facility	Texas	55187	CHV1	81	79	71	77	79	81
Channelview Cogeneration Facility	Texas	55187	CHV2	77	73	63	69	77	77
Channelview Cogeneration Facility	Texas	55187	CHV3	78	67	78	66	71	88
Channelview Cogeneration Facility	Texas	55187	CHV4	72	73	70	82	79	82
Clear Lake Cogeneration	Texas	10741	G102			103	95	111	111
Clear Lake Cogeneration	Texas	10741	G103			110	129	81	129
Clear Lake Cogeneration	Texas	10741	G104			97	90	107	107
Coleta Creek	Texas	6178	1	3,705	3,134	3,868	4,198	3,234	4,198
Colorado Bend Energy Center	Texas	56350	CT1A		11	26	24	26	26
Colorado Bend Energy Center	Texas	56350	CT1B		11	23	19	18	23
Colorado Bend Energy Center	Texas	56350	CT2A			10	34	33	34
Colorado Bend Energy Center	Texas	56350	CT2B			10	35	32	35
Copper Station	Texas	9	CTG-1			33	24	24	33
Corpus Christi	Texas	50475	GEN1		149				209
Corpus Christi Energy Center	Texas	55206	CU1	160	186	218	197	205	218
Corpus Christi Energy Center	Texas	55206	CU2	132	217	183	216	198	217
Cottonwood Energy Project	Texas	55358	CT1	33	56	80	56	48	80
Cottonwood Energy Project	Texas	55358	CT2	34	73	72	52	53	73
Cottonwood Energy Project	Texas	55358	CT3	60	65	53	59	64	65
Cottonwood Energy Project	Texas	55358	CT4	53	56	57	67	37	67
Decker Creek	Texas	3548	1	406	255	450	337	266	670

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Cedar Bayou	Texas	3460	CBY1						
Cedar Bayou	Texas	3460	CBY2						
Cedar Bayou 4	Texas	56806	CBY41						
Cedar Bayou 4	Texas	56806	CBY42						
Channel Energy Center	Texas	55299	CTG1						
Channel Energy Center	Texas	55299	CTG2						
Channelview Cogeneration Facility	Texas	55187	CHV1						
Channelview Cogeneration Facility	Texas	55187	CHV2						
Channelview Cogeneration Facility	Texas	55187	CHV3						
Channelview Cogeneration Facility	Texas	55187	CHV4						
Clear Lake Cogeneration	Texas	10741	G102						
Clear Lake Cogeneration	Texas	10741	G103						
Clear Lake Cogeneration	Texas	10741	G104						
Coleto Creek	Texas	6178	1						
Colorado Bend Energy Center	Texas	56350	CT1A						
Colorado Bend Energy Center	Texas	56350	CT1B						
Colorado Bend Energy Center	Texas	56350	CT2A						
Colorado Bend Energy Center	Texas	56350	CT2B						
Copper Station	Texas	9	CTG-1						
Corpus Christi	Texas	50475	GEN1						
Corpus Christi Energy Center	Texas	55206	CU1						
Corpus Christi Energy Center	Texas	55206	CU2						
Cottonwood Energy Project	Texas	55358	CT1						
Cottonwood Energy Project	Texas	55358	CT2						
Cottonwood Energy Project	Texas	55358	CT3						
Cottonwood Energy Project	Texas	55358	CT4						
Decker Creek	Texas	3548	1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Cedar Bayou	Texas	3460	CBY1	103	103	103	103
Cedar Bayou	Texas	3460	CBY2	417	417	417	417
Cedar Bayou 4	Texas	56806	CBY41	2	2	2	2
Cedar Bayou 4	Texas	56806	CBY42	3	3	3	3
Channel Energy Center	Texas	55299	CTG1	11	11	11	11
Channel Energy Center	Texas	55299	CTG2	10	10	10	10
Channelview Cogeneration Facility	Texas	55187	CHV1	4	4	4	4
Channelview Cogeneration Facility	Texas	55187	CHV2	4	4	4	4
Channelview Cogeneration Facility	Texas	55187	CHV3	4	4	4	4
Channelview Cogeneration Facility	Texas	55187	CHV4	5	5	5	5
Clear Lake Cogeneration	Texas	10741	G102	1	1	1	1
Clear Lake Cogeneration	Texas	10741	G103	1	1	1	1
Clear Lake Cogeneration	Texas	10741	G104	1	1	1	1
Coletto Creek	Texas	6178	1	9,057	9,057	9,057	9,057
Colorado Bend Energy Center	Texas	56350	CT1A	1	1	1	1
Colorado Bend Energy Center	Texas	56350	CT1B	1	1	1	1
Colorado Bend Energy Center	Texas	56350	CT2A	1	1	1	1
Colorado Bend Energy Center	Texas	56350	CT2B	1	1	1	1
Copper Station	Texas	9	CTG-1	0	0	0	0
Corpus Christi	Texas	50475	GEN1	8	8	8	8
Corpus Christi Energy Center	Texas	55206	CU1	4	4	4	4
Corpus Christi Energy Center	Texas	55206	CU2	4	4	4	4
Cottonwood Energy Project	Texas	55358	CT1	3	3	3	3
Cottonwood Energy Project	Texas	55358	CT2	3	3	3	3
Cottonwood Energy Project	Texas	55358	CT3	3	3	3	3
Cottonwood Energy Project	Texas	55358	CT4	2	2	2	2
Decker Creek	Texas	3548	1	10	10	10	10

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Cedar Bayou	Texas	3460	CBY1	103	103	591	591
Cedar Bayou	Texas	3460	CBY2	417	417	545	545
Cedar Bayou 4	Texas	56806	CBY41	2	2	38	38
Cedar Bayou 4	Texas	56806	CBY42	3	3	41	41
Channel Energy Center	Texas	55299	CTG1	11	11	515	515
Channel Energy Center	Texas	55299	CTG2	10	10	150	150
Channelview Cogeneration Facility	Texas	55187	CHV1	4	4	81	81
Channelview Cogeneration Facility	Texas	55187	CHV2	4	4	77	77
Channelview Cogeneration Facility	Texas	55187	CHV3	4	4	88	88
Channelview Cogeneration Facility	Texas	55187	CHV4	5	5	82	82
Clear Lake Cogeneration	Texas	10741	G102	1	1	111	111
Clear Lake Cogeneration	Texas	10741	G103	1	1	105	105
Clear Lake Cogeneration	Texas	10741	G104	1	1	105	105
Coletto Creek	Texas	6178	1	9,057	9,057	2,624	2,624
Colorado Bend Energy Center	Texas	56350	CT1A	1	1	26	26
Colorado Bend Energy Center	Texas	56350	CT1B	1	1	23	23
Colorado Bend Energy Center	Texas	56350	CT2A	1	1	34	34
Colorado Bend Energy Center	Texas	56350	CT2B	1	1	35	35
Copper Station	Texas	9	CTG-1	0	0	13	13
Corpus Christi	Texas	50475	GEN1	8	8	209	209
Corpus Christi Energy Center	Texas	55206	CU1	4	4	218	218
Corpus Christi Energy Center	Texas	55206	CU2	4	4	217	217
Cottonwood Energy Project	Texas	55358	CT1	3	3	80	80
Cottonwood Energy Project	Texas	55358	CT2	3	3	73	73
Cottonwood Energy Project	Texas	55358	CT3	3	3	65	65
Cottonwood Energy Project	Texas	55358	CT4	2	2	67	67
Decker Creek	Texas	3548	1	10	10	368	368

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Cedar Bayou	Texas	3460	CBY1	591	591	591	591
Cedar Bayou	Texas	3460	CBY2	545	545	545	545
Cedar Bayou 4	Texas	56806	CBY41	38	38	38	38
Cedar Bayou 4	Texas	56806	CBY42	41	41	41	41
Channel Energy Center	Texas	55299	CTG1	515	515	515	515
Channel Energy Center	Texas	55299	CTG2	150	150	150	150
Channelview Cogeneration Facility	Texas	55187	CHV1	81	81	81	81
Channelview Cogeneration Facility	Texas	55187	CHV2	77	77	77	77
Channelview Cogeneration Facility	Texas	55187	CHV3	88	88	88	88
Channelview Cogeneration Facility	Texas	55187	CHV4	82	82	82	82
Clear Lake Cogeneration	Texas	10741	G102	111	111	111	111
Clear Lake Cogeneration	Texas	10741	G103	105	105	105	105
Clear Lake Cogeneration	Texas	10741	G104	105	105	105	105
Coletto Creek	Texas	6178	1	2,624	2,624	2,624	2,624
Colorado Bend Energy Center	Texas	56350	CT1A	26	26	26	26
Colorado Bend Energy Center	Texas	56350	CT1B	23	23	23	23
Colorado Bend Energy Center	Texas	56350	CT2A	34	34	34	34
Colorado Bend Energy Center	Texas	56350	CT2B	35	35	35	35
Copper Station	Texas	9	CTG-1	13	13	13	13
Corpus Christi	Texas	50475	GEN1	209	209	209	209
Corpus Christi Energy Center	Texas	55206	CU1	218	218	218	218
Corpus Christi Energy Center	Texas	55206	CU2	217	217	217	217
Cottonwood Energy Project	Texas	55358	CT1	80	80	80	80
Cottonwood Energy Project	Texas	55358	CT2	73	73	73	73
Cottonwood Energy Project	Texas	55358	CT3	65	65	65	65
Cottonwood Energy Project	Texas	55358	CT4	67	67	67	67
Decker Creek	Texas	3548	1	368	368	368	368

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Cedar Bayou	Texas	3460	CBY1	11,192,093	6,682,067	7,341,347	6,495,381	7,052,368	8,528,603
Cedar Bayou	Texas	3460	CBY2	9,371,197	5,853,726	5,324,152	6,501,194	5,038,238	7,242,039
Cedar Bayou 4	Texas	56806	CBY41				3,604,163	4,293,014	3,948,589
Cedar Bayou 4	Texas	56806	CBY42				3,617,302	3,015,109	3,316,205
Channel Energy Center	Texas	55299	CTG1	7,269,846	5,668,545	6,226,624	5,341,415	5,396,796	6,388,338
Channel Energy Center	Texas	55299	CTG2	6,494,098	5,743,267	4,314,735	5,458,687	4,217,531	5,898,684
Channelview Cogeneration Facility	Texas	55187	CHV1	6,091,394	5,856,654	5,637,989	6,001,630	6,342,349	6,145,124
Channelview Cogeneration Facility	Texas	55187	CHV2	6,201,969	5,599,266	5,310,481	6,490,731	6,152,187	6,281,629
Channelview Cogeneration Facility	Texas	55187	CHV3	5,819,539	5,651,184	5,841,830	5,702,699	6,361,655	6,007,674
Channelview Cogeneration Facility	Texas	55187	CHV4	6,112,519	6,097,698	6,368,440	6,388,990	6,427,624	6,395,018
Clear Lake Cogeneration	Texas	10741	G102			1,979,441	1,422,435	1,699,522	1,700,466
Clear Lake Cogeneration	Texas	10741	G103			1,753,948	1,637,815	1,017,835	1,469,866
Clear Lake Cogeneration	Texas	10741	G104			1,683,881	1,272,306	1,251,563	1,402,583
Coletto Creek	Texas	6178	1	22,490,640	21,297,733	22,225,026	21,288,916	21,896,218	22,203,961
Colorado Bend Energy Center	Texas	56350	CT1A		823,521	1,505,060	1,418,619	1,763,251	1,562,310
Colorado Bend Energy Center	Texas	56350	CT1B		758,230	1,428,547	1,557,518	1,442,896	1,476,320
Colorado Bend Energy Center	Texas	56350	CT2A			601,392	2,125,717	1,879,925	1,535,678
Colorado Bend Energy Center	Texas	56350	CT2B			611,879	2,140,347	1,852,856	1,535,027
Copper Station	Texas	9	CTG-1			254,627	135,607	146,678	178,971
Corpus Christi	Texas	50475	GEN1	2,101,360	1,582,951	2,302,660	2,280,679		2,228,233
Corpus Christi Energy Center	Texas	55206	CU1	5,007,357	4,784,563	5,332,341	6,148,606	5,603,014	5,694,654
Corpus Christi Energy Center	Texas	55206	CU2	4,707,481	6,238,099	5,440,410	5,102,850	5,977,032	5,885,180
Cottonwood Energy Project	Texas	55358	CT1	2,045,512	3,766,138	4,495,082	2,533,342	3,156,799	3,806,006
Cottonwood Energy Project	Texas	55358	CT2	1,813,673	4,412,426	4,095,571	2,794,554	4,016,391	4,174,796
Cottonwood Energy Project	Texas	55358	CT3	3,763,060	3,762,889	2,977,370	3,798,395	4,448,949	4,003,468
Cottonwood Energy Project	Texas	55358	CT4	3,088,509	4,073,410	2,904,146	3,479,937	595,595	3,547,285
Decker Creek	Texas	3548	1	4,633,097	3,236,779	5,357,770	4,264,443	2,581,251	4,751,770

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Cedar Bayou	Texas	3460	CBY1	1,726,255,329	0.004941	61,841	61,841	306	306
Cedar Bayou	Texas	3460	CBY2	1,726,255,329	0.004195	61,841	61,841	259	259
Cedar Bayou 4	Texas	56806	CBY41	1,726,255,329	0.002287	61,841	61,841	141	141
Cedar Bayou 4	Texas	56806	CBY42	1,726,255,329	0.001921	61,841	61,841	119	119
Channel Energy Center	Texas	55299	CTG1	1,726,255,329	0.003701	61,841	61,841	229	229
Channel Energy Center	Texas	55299	CTG2	1,726,255,329	0.003417	61,841	61,841	211	211
Channelview Cogeneration Facility	Texas	55187	CHV1	1,726,255,329	0.003560	61,841	61,841	220	220
Channelview Cogeneration Facility	Texas	55187	CHV2	1,726,255,329	0.003639	61,841	61,841	225	225
Channelview Cogeneration Facility	Texas	55187	CHV3	1,726,255,329	0.003480	61,841	61,841	215	215
Channelview Cogeneration Facility	Texas	55187	CHV4	1,726,255,329	0.003705	61,841	61,841	229	229
Clear Lake Cogeneration	Texas	10741	G102	1,726,255,329	0.000985	61,841	61,841	61	61
Clear Lake Cogeneration	Texas	10741	G103	1,726,255,329	0.000851	61,841	61,841	53	53
Clear Lake Cogeneration	Texas	10741	G104	1,726,255,329	0.000813	61,841	61,841	50	50
Coleto Creek	Texas	6178	1	1,726,255,329	0.012863	61,841	61,841	795	795
Colorado Bend Energy Center	Texas	56350	CT1A	1,726,255,329	0.000905	61,841	61,841	56	56
Colorado Bend Energy Center	Texas	56350	CT1B	1,726,255,329	0.000855	61,841	61,841	53	53
Colorado Bend Energy Center	Texas	56350	CT2A	1,726,255,329	0.000890	61,841	61,841	55	55
Colorado Bend Energy Center	Texas	56350	CT2B	1,726,255,329	0.000889	61,841	61,841	55	55
Copper Station	Texas	9	CTG-1	1,726,255,329	0.000104	61,841	61,841	6	6
Corpus Christi	Texas	50475	GEN1	1,726,255,329	0.001291	61,841	61,841	80	80
Corpus Christi Energy Center	Texas	55206	CU1	1,726,255,329	0.003299	61,841	61,841	204	204
Corpus Christi Energy Center	Texas	55206	CU2	1,726,255,329	0.003409	61,841	61,841	211	211
Cottonwood Energy Project	Texas	55358	CT1	1,726,255,329	0.002205	61,841	61,841	136	136
Cottonwood Energy Project	Texas	55358	CT2	1,726,255,329	0.002418	61,841	61,841	150	150
Cottonwood Energy Project	Texas	55358	CT3	1,726,255,329	0.002319	61,841	61,841	143	143
Cottonwood Energy Project	Texas	55358	CT4	1,726,255,329	0.002055	61,841	61,841	127	127
Decker Creek	Texas	3548	1	1,726,255,329	0.002753	61,841	61,841	170	170

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Cedar Bayou	Texas	3460	CBY1	410	349	193	151	80	78
Cedar Bayou	Texas	3460	CBY2	636	82	102	155	103	62
Cedar Bayou 4	Texas	56806	CBY41						
Cedar Bayou 4	Texas	56806	CBY42						
Channel Energy Center	Texas	55299	CTG1	30	33	41	67	458	68
Channel Energy Center	Texas	55299	CTG2	34	35	44	49	88	33
Channelview Cogeneration Facility	Texas	55187	CHV1	32	32	30	36	32	32
Channelview Cogeneration Facility	Texas	55187	CHV2	35	37	31	36	31	29
Channelview Cogeneration Facility	Texas	55187	CHV3	38	32	28	35	31	32
Channelview Cogeneration Facility	Texas	55187	CHV4	35	32	36	37	34	35
Clear Lake Cogeneration	Texas	10741	G102						74
Clear Lake Cogeneration	Texas	10741	G103						75
Clear Lake Cogeneration	Texas	10741	G104						65
Coletto Creek	Texas	6178	1	1,629	1,585	1,643	1,571	1,533	1,796
Colorado Bend Energy Center	Texas	56350	CT1A	0				8	13
Colorado Bend Energy Center	Texas	56350	CT1B	0				8	12
Colorado Bend Energy Center	Texas	56350	CT2A	0					6
Colorado Bend Energy Center	Texas	56350	CT2B	0					6
Copper Station	Texas	9	CTG-1						29
Corpus Christi	Texas	50475	GEN1		69	108		73	
Corpus Christi Energy Center	Texas	55206	CU1	65	90	67	75	65	84
Corpus Christi Energy Center	Texas	55206	CU2	57	79	73	60	94	81
Cottonwood Energy Project	Texas	55358	CT1	11	23	26	21	33	39
Cottonwood Energy Project	Texas	55358	CT2	16	36	34	18	38	35
Cottonwood Energy Project	Texas	55358	CT3	17	22	26	35	35	27
Cottonwood Energy Project	Texas	55358	CT4	19	31	26	30	34	27
Decker Creek	Texas	3548	1	270	459	273	253	158	307

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Cedar Bayou	Texas	3460	CBY1	103	96	410			
Cedar Bayou	Texas	3460	CBY2	97	76	636			
Cedar Bayou 4	Texas	56806	CBY41	18	20	20			
Cedar Bayou 4	Texas	56806	CBY42	15	15	15			
Channel Energy Center	Texas	55299	CTG1	33	31	458			
Channel Energy Center	Texas	55299	CTG2	37	28	88			
Channelview Cogeneration Facility	Texas	55187	CHV1	32	34	36			
Channelview Cogeneration Facility	Texas	55187	CHV2	35	33	37			
Channelview Cogeneration Facility	Texas	55187	CHV3	31	33	38			
Channelview Cogeneration Facility	Texas	55187	CHV4	35	34	37			
Clear Lake Cogeneration	Texas	10741	G102	74	81	81			
Clear Lake Cogeneration	Texas	10741	G103	106	51	106			
Clear Lake Cogeneration	Texas	10741	G104	76	58	76			
Coletto Creek	Texas	6178	1	1,790	1,623	1,796			
Colorado Bend Energy Center	Texas	56350	CT1A	13	16	16			
Colorado Bend Energy Center	Texas	56350	CT1B	11	11	12			
Colorado Bend Energy Center	Texas	56350	CT2A	20	20	20			
Colorado Bend Energy Center	Texas	56350	CT2B	20	19	20			
Copper Station	Texas	9	CTG-1	14	15	29			
Corpus Christi	Texas	50475	GEN1			108			
Corpus Christi Energy Center	Texas	55206	CU1	81	91	91			
Corpus Christi Energy Center	Texas	55206	CU2	95	91	95			
Cottonwood Energy Project	Texas	55358	CT1	24	28	39			
Cottonwood Energy Project	Texas	55358	CT2	25	34	38			
Cottonwood Energy Project	Texas	55358	CT3	27	31	35			
Cottonwood Energy Project	Texas	55358	CT4	30	5	34			
Decker Creek	Texas	3548	1	243	129	459			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Cedar Bayou	Texas	3460	CBY1				410	410
Cedar Bayou	Texas	3460	CBY2				375	375
Cedar Bayou 4	Texas	56806	CBY41				20	20
Cedar Bayou 4	Texas	56806	CBY42				15	15
Channel Energy Center	Texas	55299	CTG1				331	331
Channel Energy Center	Texas	55299	CTG2				88	88
Channelview Cogeneration Facility	Texas	55187	CHV1				36	36
Channelview Cogeneration Facility	Texas	55187	CHV2				37	37
Channelview Cogeneration Facility	Texas	55187	CHV3				38	38
Channelview Cogeneration Facility	Texas	55187	CHV4				37	37
Clear Lake Cogeneration	Texas	10741	G102				81	81
Clear Lake Cogeneration	Texas	10741	G103				76	76
Clear Lake Cogeneration	Texas	10741	G104				73	73
Coletto Creek	Texas	6178	1				1,150	1,150
Colorado Bend Energy Center	Texas	56350	CT1A				16	16
Colorado Bend Energy Center	Texas	56350	CT1B				12	12
Colorado Bend Energy Center	Texas	56350	CT2A				20	20
Colorado Bend Energy Center	Texas	56350	CT2B				20	20
Copper Station	Texas	9	CTG-1				9	9
Corpus Christi	Texas	50475	GEN1				108	108
Corpus Christi Energy Center	Texas	55206	CU1				91	91
Corpus Christi Energy Center	Texas	55206	CU2				95	95
Cottonwood Energy Project	Texas	55358	CT1				39	39
Cottonwood Energy Project	Texas	55358	CT2				38	38
Cottonwood Energy Project	Texas	55358	CT3				35	35
Cottonwood Energy Project	Texas	55358	CT4				34	34
Decker Creek	Texas	3548	1				246	246

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Cedar Bayou	Texas	3460	CBY1	410	410	410	410	Y
Cedar Bayou	Texas	3460	CBY2	375	375	375	375	Y
Cedar Bayou 4	Texas	56806	CBY41	20	20	20	20	Y
Cedar Bayou 4	Texas	56806	CBY42	15	15	15	15	Y
Channel Energy Center	Texas	55299	CTG1	331	331	331	331	Y
Channel Energy Center	Texas	55299	CTG2	88	88	88	88	Y
Channelview Cogeneration Facility	Texas	55187	CHV1	36	36	36	36	Y
Channelview Cogeneration Facility	Texas	55187	CHV2	37	37	37	37	Y
Channelview Cogeneration Facility	Texas	55187	CHV3	38	38	38	38	Y
Channelview Cogeneration Facility	Texas	55187	CHV4	37	37	37	37	Y
Clear Lake Cogeneration	Texas	10741	G102	81	81	81	81	Y
Clear Lake Cogeneration	Texas	10741	G103	76	76	76	76	Y
Clear Lake Cogeneration	Texas	10741	G104	73	73	73	73	Y
Coletto Creek	Texas	6178	1	1,150	1,150	1,150	1,150	Y
Colorado Bend Energy Center	Texas	56350	CT1A	16	16	16	16	Y
Colorado Bend Energy Center	Texas	56350	CT1B	12	12	12	12	Y
Colorado Bend Energy Center	Texas	56350	CT2A	20	20	20	20	Y
Colorado Bend Energy Center	Texas	56350	CT2B	20	20	20	20	Y
Copper Station	Texas	9	CTG-1	9	9	9	9	Y
Corpus Christi	Texas	50475	GEN1	108	108	108	108	Y
Corpus Christi Energy Center	Texas	55206	CU1	91	91	91	91	Y
Corpus Christi Energy Center	Texas	55206	CU2	95	95	95	95	Y
Cottonwood Energy Project	Texas	55358	CT1	39	39	39	39	Y
Cottonwood Energy Project	Texas	55358	CT2	38	38	38	38	Y
Cottonwood Energy Project	Texas	55358	CT3	35	35	35	35	Y
Cottonwood Energy Project	Texas	55358	CT4	34	34	34	34	Y
Decker Creek	Texas	3548	1	246	246	246	246	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Cedar Bayou	Texas	3460	CBY1		Y	Y		
Cedar Bayou	Texas	3460	CBY2		Y	Y		
Cedar Bayou 4	Texas	56806	CBY41		Y	Y		
Cedar Bayou 4	Texas	56806	CBY42		Y	Y		
Channel Energy Center	Texas	55299	CTG1		Y	Y		
Channel Energy Center	Texas	55299	CTG2		Y	Y		
Channelview Cogeneration Facility	Texas	55187	CHV1		Y	Y		
Channelview Cogeneration Facility	Texas	55187	CHV2		Y	Y		
Channelview Cogeneration Facility	Texas	55187	CHV3		Y	Y		
Channelview Cogeneration Facility	Texas	55187	CHV4		Y	Y		
Clear Lake Cogeneration	Texas	10741	G102		Y	Y		
Clear Lake Cogeneration	Texas	10741	G103		Y	Y		
Clear Lake Cogeneration	Texas	10741	G104		Y	Y		
Coleta Creek	Texas	6178	1		Y	Y		
Colorado Bend Energy Center	Texas	56350	CT1A		Y	Y		
Colorado Bend Energy Center	Texas	56350	CT1B		Y	Y		
Colorado Bend Energy Center	Texas	56350	CT2A		Y	Y		
Colorado Bend Energy Center	Texas	56350	CT2B		Y	Y		
Copper Station	Texas	9	CTG-1		Y	Y		
Corpus Christi	Texas	50475	GEN1		Y	Y	Y	
Corpus Christi Energy Center	Texas	55206	CU1		Y	Y		
Corpus Christi Energy Center	Texas	55206	CU2		Y	Y		
Cottonwood Energy Project	Texas	55358	CT1		Y	Y		
Cottonwood Energy Project	Texas	55358	CT2		Y	Y		
Cottonwood Energy Project	Texas	55358	CT3		Y	Y		
Cottonwood Energy Project	Texas	55358	CT4		Y	Y		
Decker Creek	Texas	3548	1		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Decker Creek	Texas	3548	2	2455	6,822,188	6,490,099	9,563,224	9,647,296	8,054,298
Decker Creek	Texas	3548	GT-1A	89911			90,185	85,005	95,417
Decker Creek	Texas	3548	GT-1B	89912			90,185	85,005	95,417
Decker Creek	Texas	3548	GT-2A	89913			200,431	77,987	70,662
Decker Creek	Texas	3548	GT-2B	89914			200,431	77,987	70,662
Decker Creek	Texas	3548	GT-3A	89915			217,809	147,189	43,670
Decker Creek	Texas	3548	GT-3B	89916			217,809	147,189	43,670
Decker Creek	Texas	3548	GT-4A	89917			178,028	90,986	67,830
Decker Creek	Texas	3548	GT-4B	89918			178,028	90,986	67,830
Decordova	Texas	8063	1	3454	646,761	1,766,185	4,317,585	3,594,381	
Decordova	Texas	8063	CT1	90028			117,367	223,253	80,749
Decordova	Texas	8063	CT2	90029			125,003	178,893	61,665
Decordova	Texas	8063	CT3	90030			139,010	120,737	84,255
Decordova	Texas	8063	CT4	90031			138,579	147,389	74,406
Deer Park Energy Center	Texas	55464	CTG1	4821	17,978,735	16,703,400	14,769,167	16,052,272	14,832,305
Deer Park Energy Center	Texas	55464	CTG2	4822	16,765,028	17,719,503	15,640,149	14,824,115	16,816,020
Deer Park Energy Center	Texas	55464	CTG3	4823	13,573,403	16,660,091	16,786,767	16,278,825	15,001,345
Deer Park Energy Center	Texas	55464	CTG4	4824	16,649,645	17,188,055	17,161,625	14,250,311	12,569,196
EG178 Facility	Texas	56233	CT02		3,394,316	3,311,140	3,295,538	3,288,288	
EG178 Facility	Texas	56233	CTG1		3,394,316	3,311,140	3,295,538	3,288,288	
Eastman Cogeneration Facility	Texas	55176	1	4065	10,094,650	9,430,219	10,495,993	10,082,523	8,532,103
Eastman Cogeneration Facility	Texas	55176	2	4066	9,791,838	12,258,776	10,189,765	10,677,206	11,073,717
Ennis Power Company, LLC	Texas	55223	GT-1	4182	9,210,446	12,028,412	10,675,445	9,754,611	10,747,994
Exelon Laporte Generating Station	Texas	55365	GT-1	4559	259,555	98,825	275,837	112,208	132,239
Exelon Laporte Generating Station	Texas	55365	GT-2	4560	256,112	91,846	275,544	115,552	126,467
Exelon Laporte Generating Station	Texas	55365	GT-3	4561	263,180	104,788	236,184	80,515	113,304
Exelon Laporte Generating Station	Texas	55365	GT-4	4562	289,062	100,168	228,312	104,042	75,759

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Decker Creek	Texas	3548	2	9,088,273	3,511,906,933	0.002588	279,747	279,747
Decker Creek	Texas	3548	GT-1A	90,202	3,511,906,933	0.000026	279,747	279,747
Decker Creek	Texas	3548	GT-1B	90,202	3,511,906,933	0.000026	279,747	279,747
Decker Creek	Texas	3548	GT-2A	116,360	3,511,906,933	0.000033	279,747	279,747
Decker Creek	Texas	3548	GT-2B	116,360	3,511,906,933	0.000033	279,747	279,747
Decker Creek	Texas	3548	GT-3A	136,222	3,511,906,933	0.000039	279,747	279,747
Decker Creek	Texas	3548	GT-3B	136,222	3,511,906,933	0.000039	279,747	279,747
Decker Creek	Texas	3548	GT-4A	112,281	3,511,906,933	0.000032	279,747	279,747
Decker Creek	Texas	3548	GT-4B	112,281	3,511,906,933	0.000032	279,747	279,747
Decordova	Texas	8063	1	3,226,050	3,511,906,933	0.000919	279,747	279,747
Decordova	Texas	8063	CT1	140,457	3,511,906,933	0.000040	279,747	279,747
Decordova	Texas	8063	CT2	121,854	3,511,906,933	0.000035	279,747	279,747
Decordova	Texas	8063	CT3	114,667	3,511,906,933	0.000033	279,747	279,747
Decordova	Texas	8063	CT4	120,125	3,511,906,933	0.000034	279,747	279,747
Deer Park Energy Center	Texas	55464	CTG1	16,911,469	3,511,906,933	0.004815	279,747	279,747
Deer Park Energy Center	Texas	55464	CTG2	17,100,184	3,511,906,933	0.004869	279,747	279,747
Deer Park Energy Center	Texas	55464	CTG3	16,575,228	3,511,906,933	0.004720	279,747	279,747
Deer Park Energy Center	Texas	55464	CTG4	16,999,775	3,511,906,933	0.004841	279,747	279,747
EG178 Facility	Texas	56233	CT02	3,333,664	3,511,906,933	0.000949	279,747	279,747
EG178 Facility	Texas	56233	CTG1	3,333,664	3,511,906,933	0.000949	279,747	279,747
Eastman Cogeneration Facility	Texas	55176	1	10,224,389	3,511,906,933	0.002911	279,747	279,747
Eastman Cogeneration Facility	Texas	55176	2	11,336,566	3,511,906,933	0.003228	279,747	279,747
Ennis Power Company, LLC	Texas	55223	GT-1	11,150,617	3,511,906,933	0.003175	279,747	279,747
Exelon Laporte Generating Station	Texas	55365	GT-1	222,544	3,511,906,933	0.000063	279,747	279,747
Exelon Laporte Generating Station	Texas	55365	GT-2	219,375	3,511,906,933	0.000062	279,747	279,747
Exelon Laporte Generating Station	Texas	55365	GT-3	204,222	3,511,906,933	0.000058	279,747	279,747
Exelon Laporte Generating Station	Texas	55365	GT-4	207,139	3,511,906,933	0.000059	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Decker Creek	Texas	3548	2	129,571	129,571	724	724	335	335
Decker Creek	Texas	3548	GT-1A	129,571	129,571	7	7	3	3
Decker Creek	Texas	3548	GT-1B	129,571	129,571	7	7	3	3
Decker Creek	Texas	3548	GT-2A	129,571	129,571	9	9	4	4
Decker Creek	Texas	3548	GT-2B	129,571	129,571	9	9	4	4
Decker Creek	Texas	3548	GT-3A	129,571	129,571	11	11	5	5
Decker Creek	Texas	3548	GT-3B	129,571	129,571	11	11	5	5
Decker Creek	Texas	3548	GT-4A	129,571	129,571	9	9	4	4
Decker Creek	Texas	3548	GT-4B	129,571	129,571	9	9	4	4
Decordova	Texas	8063	1	129,571	129,571	257	257	119	119
Decordova	Texas	8063	CT1	129,571	129,571	11	11	5	5
Decordova	Texas	8063	CT2	129,571	129,571	10	10	4	4
Decordova	Texas	8063	CT3	129,571	129,571	9	9	4	4
Decordova	Texas	8063	CT4	129,571	129,571	10	10	4	4
Deer Park Energy Center	Texas	55464	CTG1	129,571	129,571	1,347	1,347	624	624
Deer Park Energy Center	Texas	55464	CTG2	129,571	129,571	1,362	1,362	631	631
Deer Park Energy Center	Texas	55464	CTG3	129,571	129,571	1,320	1,320	612	612
Deer Park Energy Center	Texas	55464	CTG4	129,571	129,571	1,354	1,354	627	627
EG178 Facility	Texas	56233	CT02	129,571	129,571	266	266	123	123
EG178 Facility	Texas	56233	CTG1	129,571	129,571	266	266	123	123
Eastman Cogeneration Facility	Texas	55176	1	129,571	129,571	814	814	377	377
Eastman Cogeneration Facility	Texas	55176	2	129,571	129,571	903	903	418	418
Ennis Power Company, LLC	Texas	55223	GT-1	129,571	129,571	888	888	411	411
Exelon Laporte Generating Station	Texas	55365	GT-1	129,571	129,571	18	18	8	8
Exelon Laporte Generating Station	Texas	55365	GT-2	129,571	129,571	17	17	8	8
Exelon Laporte Generating Station	Texas	55365	GT-3	129,571	129,571	16	16	8	8
Exelon Laporte Generating Station	Texas	55365	GT-4	129,571	129,571	16	16	8	8

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Decker Creek	Texas	3548	2	5	2	2	2	2	8
Decker Creek	Texas	3548	GT-1A						
Decker Creek	Texas	3548	GT-1B						
Decker Creek	Texas	3548	GT-2A						
Decker Creek	Texas	3548	GT-2B						
Decker Creek	Texas	3548	GT-3A						
Decker Creek	Texas	3548	GT-3B						
Decker Creek	Texas	3548	GT-4A						
Decker Creek	Texas	3548	GT-4B						
Decordova	Texas	8063	1	9	1	1	0	1	1
Decordova	Texas	8063	CT1						0
Decordova	Texas	8063	CT2						0
Decordova	Texas	8063	CT3						0
Decordova	Texas	8063	CT4						0
Deer Park Energy Center	Texas	55464	CTG1	4	4	5	5	5	4
Deer Park Energy Center	Texas	55464	CTG2	2	4	5	5	5	5
Deer Park Energy Center	Texas	55464	CTG3		5	5	4	5	5
Deer Park Energy Center	Texas	55464	CTG4		4	5	5	5	5
EG178 Facility	Texas	56233	CT02			3		6	
EG178 Facility	Texas	56233	CTG1			3		6	
Eastman Cogeneration Facility	Texas	55176	1	1	3	3	3	3	3
Eastman Cogeneration Facility	Texas	55176	2	4	3	3	3	4	3
Ennis Power Company, LLC	Texas	55223	GT-1	2	3	3	3	4	3
Exelon Laporte Generating Station	Texas	55365	GT-1	3	1	7	0	0	0
Exelon Laporte Generating Station	Texas	55365	GT-2	3	1	10	0	0	0
Exelon Laporte Generating Station	Texas	55365	GT-3	2	2	8	0	0	0
Exelon Laporte Generating Station	Texas	55365	GT-4	3	2	9	0	0	0

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Decker Creek	Texas	3548	2	3	10	10			
Decker Creek	Texas	3548	GT-1A	0	0	0			
Decker Creek	Texas	3548	GT-1B	0	0	0			
Decker Creek	Texas	3548	GT-2A	0	0	0			
Decker Creek	Texas	3548	GT-2B	0	0	0			
Decker Creek	Texas	3548	GT-3A	0	0	0			
Decker Creek	Texas	3548	GT-3B	0	0	0			
Decker Creek	Texas	3548	GT-4A	0	0	0			
Decker Creek	Texas	3548	GT-4B	0	0	0			
Decordova	Texas	8063	1	1		9			
Decordova	Texas	8063	CT1	1	1	1			
Decordova	Texas	8063	CT2	1	0	1			
Decordova	Texas	8063	CT3	1	0	1			
Decordova	Texas	8063	CT4	1	1	1			
Deer Park Energy Center	Texas	55464	CTG1	5	4	5			
Deer Park Energy Center	Texas	55464	CTG2	4	5	5			
Deer Park Energy Center	Texas	55464	CTG3	5	5	5			
Deer Park Energy Center	Texas	55464	CTG4	4	4	5			
EG178 Facility	Texas	56233	CT02			6			
EG178 Facility	Texas	56233	CTG1			6			
Eastman Cogeneration Facility	Texas	55176	1	3	3	3			
Eastman Cogeneration Facility	Texas	55176	2	3	3	4			
Ennis Power Company, LLC	Texas	55223	GT-1	3	3	4			
Exelon Laporte Generating Station	Texas	55365	GT-1	0	0	7			
Exelon Laporte Generating Station	Texas	55365	GT-2	0	0	10			
Exelon Laporte Generating Station	Texas	55365	GT-3	0	0	8			
Exelon Laporte Generating Station	Texas	55365	GT-4	0	0	9			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Decker Creek	Texas	3548	2				353	220	202
Decker Creek	Texas	3548	GT-1A						
Decker Creek	Texas	3548	GT-1B						
Decker Creek	Texas	3548	GT-2A						
Decker Creek	Texas	3548	GT-2B						
Decker Creek	Texas	3548	GT-3A						
Decker Creek	Texas	3548	GT-3B						
Decker Creek	Texas	3548	GT-4A						
Decker Creek	Texas	3548	GT-4B						
Decordova	Texas	8063	1				1,957	136	183
Decordova	Texas	8063	CT1						
Decordova	Texas	8063	CT2						
Decordova	Texas	8063	CT3						
Decordova	Texas	8063	CT4						
Deer Park Energy Center	Texas	55464	CTG1				55	68	70
Deer Park Energy Center	Texas	55464	CTG2				35	59	66
Deer Park Energy Center	Texas	55464	CTG3					88	67
Deer Park Energy Center	Texas	55464	CTG4					45	56
EG178 Facility	Texas	56233	CT02						42
EG178 Facility	Texas	56233	CTG1						42
Eastman Cogeneration Facility	Texas	55176	1				70	134	145
Eastman Cogeneration Facility	Texas	55176	2				181	132	126
Ennis Power Company, LLC	Texas	55223	GT-1				99	147	130
Exelon Laporte Generating Station	Texas	55365	GT-1				6	3	18
Exelon Laporte Generating Station	Texas	55365	GT-2				6	4	24
Exelon Laporte Generating Station	Texas	55365	GT-3				6	4	19
Exelon Laporte Generating Station	Texas	55365	GT-4				7	4	22

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Decker Creek	Texas	3548	2	273	264	406	397	323	406
Decker Creek	Texas	3548	GT-1A			32	30	33	33
Decker Creek	Texas	3548	GT-1B			32	30	33	33
Decker Creek	Texas	3548	GT-2A			70	27	25	70
Decker Creek	Texas	3548	GT-2B			70	27	25	70
Decker Creek	Texas	3548	GT-3A			76	52	15	76
Decker Creek	Texas	3548	GT-3B			76	52	15	76
Decker Creek	Texas	3548	GT-4A			62	32	24	62
Decker Creek	Texas	3548	GT-4B			62	32	24	62
Decordova	Texas	8063	1	38	118	258	275		1,957
Decordova	Texas	8063	CT1			19	35	13	35
Decordova	Texas	8063	CT2			21	28	10	28
Decordova	Texas	8063	CT3			23	19	13	23
Decordova	Texas	8063	CT4			24	23	12	24
Deer Park Energy Center	Texas	55464	CTG1	76	69	59	65	63	76
Deer Park Energy Center	Texas	55464	CTG2	64	70	60	56	64	70
Deer Park Energy Center	Texas	55464	CTG3	55	68	60	58	56	88
Deer Park Energy Center	Texas	55464	CTG4	59	64	70	53	46	70
EG178 Facility	Texas	56233	CT02		91				91
EG178 Facility	Texas	56233	CTG1		91				91
Eastman Cogeneration Facility	Texas	55176	1	143	135	151	137	124	151
Eastman Cogeneration Facility	Texas	55176	2	134	150	143	143	171	181
Ennis Power Company, LLC	Texas	55223	GT-1	143	234	171	141	143	234
Exelon Laporte Generating Station	Texas	55365	GT-1	19	7	5	2	7	19
Exelon Laporte Generating Station	Texas	55365	GT-2	19	7	5	2	6	24
Exelon Laporte Generating Station	Texas	55365	GT-3	20	8	4	1	6	20
Exelon Laporte Generating Station	Texas	55365	GT-4	22	8	3	1	4	22

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Decker Creek	Texas	3548	2						
Decker Creek	Texas	3548	GT-1A						
Decker Creek	Texas	3548	GT-1B						
Decker Creek	Texas	3548	GT-2A						
Decker Creek	Texas	3548	GT-2B						
Decker Creek	Texas	3548	GT-3A						
Decker Creek	Texas	3548	GT-3B						
Decker Creek	Texas	3548	GT-4A						
Decker Creek	Texas	3548	GT-4B						
Decordova	Texas	8063	1						
Decordova	Texas	8063	CT1						
Decordova	Texas	8063	CT2						
Decordova	Texas	8063	CT3						
Decordova	Texas	8063	CT4						
Deer Park Energy Center	Texas	55464	CTG1						
Deer Park Energy Center	Texas	55464	CTG2						
Deer Park Energy Center	Texas	55464	CTG3						
Deer Park Energy Center	Texas	55464	CTG4						
EG178 Facility	Texas	56233	CT02						
EG178 Facility	Texas	56233	CTG1						
Eastman Cogeneration Facility	Texas	55176	1						
Eastman Cogeneration Facility	Texas	55176	2						
Ennis Power Company, LLC	Texas	55223	GT-1						
Exelon Laporte Generating Station	Texas	55365	GT-1						
Exelon Laporte Generating Station	Texas	55365	GT-2						
Exelon Laporte Generating Station	Texas	55365	GT-3						
Exelon Laporte Generating Station	Texas	55365	GT-4						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Decker Creek	Texas	3548	2	10	10	10	10
Decker Creek	Texas	3548	GT-1A	0	0	0	0
Decker Creek	Texas	3548	GT-1B	0	0	0	0
Decker Creek	Texas	3548	GT-2A	0	0	0	0
Decker Creek	Texas	3548	GT-2B	0	0	0	0
Decker Creek	Texas	3548	GT-3A	0	0	0	0
Decker Creek	Texas	3548	GT-3B	0	0	0	0
Decker Creek	Texas	3548	GT-4A	0	0	0	0
Decker Creek	Texas	3548	GT-4B	0	0	0	0
Decordova	Texas	8063	1	9	9	9	9
Decordova	Texas	8063	CT1	1	1	1	1
Decordova	Texas	8063	CT2	1	1	1	1
Decordova	Texas	8063	CT3	1	1	1	1
Decordova	Texas	8063	CT4	1	1	1	1
Deer Park Energy Center	Texas	55464	CTG1	5	5	5	5
Deer Park Energy Center	Texas	55464	CTG2	5	5	5	5
Deer Park Energy Center	Texas	55464	CTG3	5	5	5	5
Deer Park Energy Center	Texas	55464	CTG4	5	5	5	5
EG178 Facility	Texas	56233	CT02	6	6	6	6
EG178 Facility	Texas	56233	CTG1	6	6	6	6
Eastman Cogeneration Facility	Texas	55176	1	3	3	3	3
Eastman Cogeneration Facility	Texas	55176	2	4	4	4	4
Ennis Power Company, LLC	Texas	55223	GT-1	4	4	4	4
Exelon Laporte Generating Station	Texas	55365	GT-1	7	7	7	7
Exelon Laporte Generating Station	Texas	55365	GT-2	10	10	10	10
Exelon Laporte Generating Station	Texas	55365	GT-3	8	8	8	8
Exelon Laporte Generating Station	Texas	55365	GT-4	9	9	9	9

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Decker Creek	Texas	3548	2	10	10	406	406
Decker Creek	Texas	3548	GT-1A	0	0	5	5
Decker Creek	Texas	3548	GT-1B	0	0	5	5
Decker Creek	Texas	3548	GT-2A	0	0	6	6
Decker Creek	Texas	3548	GT-2B	0	0	6	6
Decker Creek	Texas	3548	GT-3A	0	0	7	7
Decker Creek	Texas	3548	GT-3B	0	0	7	7
Decker Creek	Texas	3548	GT-4A	0	0	6	6
Decker Creek	Texas	3548	GT-4B	0	0	6	6
Decordova	Texas	8063	1	9	9	166	166
Decordova	Texas	8063	CT1	1	1	7	7
Decordova	Texas	8063	CT2	1	1	6	6
Decordova	Texas	8063	CT3	1	1	6	6
Decordova	Texas	8063	CT4	1	1	6	6
Deer Park Energy Center	Texas	55464	CTG1	5	5	76	76
Deer Park Energy Center	Texas	55464	CTG2	5	5	70	70
Deer Park Energy Center	Texas	55464	CTG3	5	5	88	88
Deer Park Energy Center	Texas	55464	CTG4	5	5	70	70
EG178 Facility	Texas	56233	CT02	6	6	91	91
EG178 Facility	Texas	56233	CTG1	6	6	91	91
Eastman Cogeneration Facility	Texas	55176	1	3	3	151	151
Eastman Cogeneration Facility	Texas	55176	2	4	4	181	181
Ennis Power Company, LLC	Texas	55223	GT-1	4	4	234	234
Exelon Laporte Generating Station	Texas	55365	GT-1	7	7	11	11
Exelon Laporte Generating Station	Texas	55365	GT-2	10	10	11	11
Exelon Laporte Generating Station	Texas	55365	GT-3	8	8	11	11
Exelon Laporte Generating Station	Texas	55365	GT-4	9	9	11	11

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Decker Creek	Texas	3548	2	406	406	406	406
Decker Creek	Texas	3548	GT-1A	5	5	5	5
Decker Creek	Texas	3548	GT-1B	5	5	5	5
Decker Creek	Texas	3548	GT-2A	6	6	6	6
Decker Creek	Texas	3548	GT-2B	6	6	6	6
Decker Creek	Texas	3548	GT-3A	7	7	7	7
Decker Creek	Texas	3548	GT-3B	7	7	7	7
Decker Creek	Texas	3548	GT-4A	6	6	6	6
Decker Creek	Texas	3548	GT-4B	6	6	6	6
Decordova	Texas	8063	1	166	166	166	166
Decordova	Texas	8063	CT1	7	7	7	7
Decordova	Texas	8063	CT2	6	6	6	6
Decordova	Texas	8063	CT3	6	6	6	6
Decordova	Texas	8063	CT4	6	6	6	6
Deer Park Energy Center	Texas	55464	CTG1	76	76	76	76
Deer Park Energy Center	Texas	55464	CTG2	70	70	70	70
Deer Park Energy Center	Texas	55464	CTG3	88	88	88	88
Deer Park Energy Center	Texas	55464	CTG4	70	70	70	70
EG178 Facility	Texas	56233	CT02	91	91	91	91
EG178 Facility	Texas	56233	CTG1	91	91	91	91
Eastman Cogeneration Facility	Texas	55176	1	151	151	151	151
Eastman Cogeneration Facility	Texas	55176	2	181	181	181	181
Ennis Power Company, LLC	Texas	55223	GT-1	234	234	234	234
Exelon Laporte Generating Station	Texas	55365	GT-1	11	11	11	11
Exelon Laporte Generating Station	Texas	55365	GT-2	11	11	11	11
Exelon Laporte Generating Station	Texas	55365	GT-3	11	11	11	11
Exelon Laporte Generating Station	Texas	55365	GT-4	11	11	11	11

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Decker Creek	Texas	3548	2	5,958,407	3,915,660	6,670,415	6,866,781	6,057,981	6,531,725
Decker Creek	Texas	3548	GT-1A			26,684	45,616	64,057	45,452
Decker Creek	Texas	3548	GT-1B			26,684	45,616	64,057	45,452
Decker Creek	Texas	3548	GT-2A			125,664	27,199	25,414	59,425
Decker Creek	Texas	3548	GT-2B			125,664	27,199	25,414	59,425
Decker Creek	Texas	3548	GT-3A			144,624	92,985	9,272	82,293
Decker Creek	Texas	3548	GT-3B			144,624	92,985	9,272	82,293
Decker Creek	Texas	3548	GT-4A			118,167	73,052	34,097	75,105
Decker Creek	Texas	3548	GT-4B			118,167	73,052	34,097	75,105
Decordova	Texas	8063	1	646,761	1,691,839	4,316,883	3,593,699		3,200,807
Decordova	Texas	8063	CT1			61,703	102,504	55,976	73,394
Decordova	Texas	8063	CT2			60,100	87,862	46,096	64,686
Decordova	Texas	8063	CT3			83,529	93,518	59,562	78,870
Decordova	Texas	8063	CT4			87,578	115,225	48,128	83,644
Deer Park Energy Center	Texas	55464	CTG1	7,628,694	6,653,303	6,987,493	7,243,183	6,020,040	7,286,457
Deer Park Energy Center	Texas	55464	CTG2	6,641,837	7,242,459	6,904,900	7,067,083	7,158,979	7,156,174
Deer Park Energy Center	Texas	55464	CTG3	6,454,367	7,642,718	6,811,314	6,842,282	6,991,919	7,158,973
Deer Park Energy Center	Texas	55464	CTG4	7,072,780	7,685,019	7,359,349	6,522,891	6,216,814	7,372,383
EG178 Facility	Texas	56233	CT02	1,563,155		1,383,580	1,698,135		1,548,290
EG178 Facility	Texas	56233	CTG1	1,563,155		1,383,580	1,698,135		1,548,290
Eastman Cogeneration Facility	Texas	55176	1	4,354,247	3,981,140	5,980,535	4,333,654	4,353,961	4,896,248
Eastman Cogeneration Facility	Texas	55176	2	5,197,239	6,209,183	2,956,212	5,216,937	5,005,379	5,541,120
Ennis Power Company, LLC	Texas	55223	GT-1	5,339,333	6,280,188	5,623,819	6,687,432	6,193,863	6,387,161
Exelon Laporte Generating Station	Texas	55365	GT-1	228,837	60,090	108,015	44,975	90,557	142,470
Exelon Laporte Generating Station	Texas	55365	GT-2	220,080	56,483	99,612	46,657	97,287	138,993
Exelon Laporte Generating Station	Texas	55365	GT-3	225,609	59,288	76,806	33,763	73,899	125,438
Exelon Laporte Generating Station	Texas	55365	GT-4	247,846	57,018	75,717	42,027	42,067	126,860

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Decker Creek	Texas	3548	2	1,726,255,329	0.003784	61,841	61,841	234	234
Decker Creek	Texas	3548	GT-1A	1,726,255,329	0.000026	61,841	61,841	2	2
Decker Creek	Texas	3548	GT-1B	1,726,255,329	0.000026	61,841	61,841	2	2
Decker Creek	Texas	3548	GT-2A	1,726,255,329	0.000034	61,841	61,841	2	2
Decker Creek	Texas	3548	GT-2B	1,726,255,329	0.000034	61,841	61,841	2	2
Decker Creek	Texas	3548	GT-3A	1,726,255,329	0.000048	61,841	61,841	3	3
Decker Creek	Texas	3548	GT-3B	1,726,255,329	0.000048	61,841	61,841	3	3
Decker Creek	Texas	3548	GT-4A	1,726,255,329	0.000044	61,841	61,841	3	3
Decker Creek	Texas	3548	GT-4B	1,726,255,329	0.000044	61,841	61,841	3	3
Decordova	Texas	8063	1	1,726,255,329	0.001854	61,841	61,841	115	115
Decordova	Texas	8063	CT1	1,726,255,329	0.000043	61,841	61,841	3	3
Decordova	Texas	8063	CT2	1,726,255,329	0.000037	61,841	61,841	2	2
Decordova	Texas	8063	CT3	1,726,255,329	0.000046	61,841	61,841	3	3
Decordova	Texas	8063	CT4	1,726,255,329	0.000048	61,841	61,841	3	3
Deer Park Energy Center	Texas	55464	CTG1	1,726,255,329	0.004221	61,841	61,841	261	261
Deer Park Energy Center	Texas	55464	CTG2	1,726,255,329	0.004145	61,841	61,841	256	256
Deer Park Energy Center	Texas	55464	CTG3	1,726,255,329	0.004147	61,841	61,841	256	256
Deer Park Energy Center	Texas	55464	CTG4	1,726,255,329	0.004271	61,841	61,841	264	264
EG178 Facility	Texas	56233	CT02	1,726,255,329	0.000897	61,841	61,841	55	55
EG178 Facility	Texas	56233	CTG1	1,726,255,329	0.000897	61,841	61,841	55	55
Eastman Cogeneration Facility	Texas	55176	1	1,726,255,329	0.002836	61,841	61,841	175	175
Eastman Cogeneration Facility	Texas	55176	2	1,726,255,329	0.003210	61,841	61,841	199	199
Ennis Power Company, LLC	Texas	55223	GT-1	1,726,255,329	0.003700	61,841	61,841	229	229
Exelon Laporte Generating Station	Texas	55365	GT-1	1,726,255,329	0.000083	61,841	61,841	5	5
Exelon Laporte Generating Station	Texas	55365	GT-2	1,726,255,329	0.000081	61,841	61,841	5	5
Exelon Laporte Generating Station	Texas	55365	GT-3	1,726,255,329	0.000073	61,841	61,841	4	4
Exelon Laporte Generating Station	Texas	55365	GT-4	1,726,255,329	0.000073	61,841	61,841	5	5

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Decker Creek	Texas	3548	2	211	96	168	240	154	284
Decker Creek	Texas	3548	GT-1A						9
Decker Creek	Texas	3548	GT-1B						9
Decker Creek	Texas	3548	GT-2A						44
Decker Creek	Texas	3548	GT-2B						44
Decker Creek	Texas	3548	GT-3A						51
Decker Creek	Texas	3548	GT-3B						51
Decker Creek	Texas	3548	GT-4A						41
Decker Creek	Texas	3548	GT-4B						41
Decordova	Texas	8063	1	791	136	183	38	111	258
Decordova	Texas	8063	CT1						10
Decordova	Texas	8063	CT2						9
Decordova	Texas	8063	CT3						13
Decordova	Texas	8063	CT4						14
Deer Park Energy Center	Texas	55464	CTG1	22	30	33	31	27	28
Deer Park Energy Center	Texas	55464	CTG2	21	26	27	25	28	26
Deer Park Energy Center	Texas	55464	CTG3		40	27	25	30	24
Deer Park Energy Center	Texas	55464	CTG4		26	26	25	28	28
EG178 Facility	Texas	56233	CT02			28			
EG178 Facility	Texas	56233	CTG1			28			
Eastman Cogeneration Facility	Texas	55176	1	14	65	56	64	53	83
Eastman Cogeneration Facility	Texas	55176	2	67	49	57	68	74	38
Ennis Power Company, LLC	Texas	55223	GT-1	53	72	64	82	87	82
Exelon Laporte Generating Station	Texas	55365	GT-1	4	2	12	17	5	2
Exelon Laporte Generating Station	Texas	55365	GT-2	4	2	18	17	4	2
Exelon Laporte Generating Station	Texas	55365	GT-3	4	2	13	17	4	1
Exelon Laporte Generating Station	Texas	55365	GT-4	5	2	16	19	4	1

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns BX - CE			
Decker Creek	Texas	3548	2	280	231	284			
Decker Creek	Texas	3548	GT-1A	16	22	22			
Decker Creek	Texas	3548	GT-1B	16	22	22			
Decker Creek	Texas	3548	GT-2A	10	9	44			
Decker Creek	Texas	3548	GT-2B	10	9	44			
Decker Creek	Texas	3548	GT-3A	33	3	51			
Decker Creek	Texas	3548	GT-3B	33	3	51			
Decker Creek	Texas	3548	GT-4A	26	12	41			
Decker Creek	Texas	3548	GT-4B	26	12	41			
Decordova	Texas	8063	1	275		791			
Decordova	Texas	8063	CT1	16	9	16			
Decordova	Texas	8063	CT2	14	7	14			
Decordova	Texas	8063	CT3	15	9	15			
Decordova	Texas	8063	CT4	18	8	18			
Deer Park Energy Center	Texas	55464	CTG1	29	26	33			
Deer Park Energy Center	Texas	55464	CTG2	26	26	28			
Deer Park Energy Center	Texas	55464	CTG3	24	26	40			
Deer Park Energy Center	Texas	55464	CTG4	23	22	28			
EG178 Facility	Texas	56233	CT02			28			
EG178 Facility	Texas	56233	CTG1			28			
Eastman Cogeneration Facility	Texas	55176	1	56	68	83			
Eastman Cogeneration Facility	Texas	55176	2	63	71	74			
Ennis Power Company, LLC	Texas	55223	GT-1	88	77	88			
Exelon Laporte Generating Station	Texas	55365	GT-1	1	5	17			
Exelon Laporte Generating Station	Texas	55365	GT-2	1	5	18			
Exelon Laporte Generating Station	Texas	55365	GT-3	1	4	17			
Exelon Laporte Generating Station	Texas	55365	GT-4	1	2	19			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Decker Creek	Texas	3548	2				284	284
Decker Creek	Texas	3548	GT-1A				2	2
Decker Creek	Texas	3548	GT-1B				2	2
Decker Creek	Texas	3548	GT-2A				3	3
Decker Creek	Texas	3548	GT-2B				3	3
Decker Creek	Texas	3548	GT-3A				4	4
Decker Creek	Texas	3548	GT-3B				4	4
Decker Creek	Texas	3548	GT-4A				4	4
Decker Creek	Texas	3548	GT-4B				4	4
Decordova	Texas	8063	1				166	166
Decordova	Texas	8063	CT1				4	4
Decordova	Texas	8063	CT2				3	3
Decordova	Texas	8063	CT3				4	4
Decordova	Texas	8063	CT4				4	4
Deer Park Energy Center	Texas	55464	CTG1				33	33
Deer Park Energy Center	Texas	55464	CTG2				28	28
Deer Park Energy Center	Texas	55464	CTG3				40	40
Deer Park Energy Center	Texas	55464	CTG4				28	28
EG178 Facility	Texas	56233	CT02				28	28
EG178 Facility	Texas	56233	CTG1				28	28
Eastman Cogeneration Facility	Texas	55176	1				83	83
Eastman Cogeneration Facility	Texas	55176	2				74	74
Ennis Power Company, LLC	Texas	55223	GT-1				88	88
Exelon Laporte Generating Station	Texas	55365	GT-1				7	7
Exelon Laporte Generating Station	Texas	55365	GT-2				7	7
Exelon Laporte Generating Station	Texas	55365	GT-3				6	6
Exelon Laporte Generating Station	Texas	55365	GT-4				7	7

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Decker Creek	Texas	3548	2	284	284	284	284	Y
Decker Creek	Texas	3548	GT-1A	2	2	2	2	Y
Decker Creek	Texas	3548	GT-1B	2	2	2	2	Y
Decker Creek	Texas	3548	GT-2A	3	3	3	3	Y
Decker Creek	Texas	3548	GT-2B	3	3	3	3	Y
Decker Creek	Texas	3548	GT-3A	4	4	4	4	Y
Decker Creek	Texas	3548	GT-3B	4	4	4	4	Y
Decker Creek	Texas	3548	GT-4A	4	4	4	4	Y
Decker Creek	Texas	3548	GT-4B	4	4	4	4	Y
Decordova	Texas	8063	1	166	166	166	166	Y
Decordova	Texas	8063	CT1	4	4	4	4	Y
Decordova	Texas	8063	CT2	3	3	3	3	Y
Decordova	Texas	8063	CT3	4	4	4	4	Y
Decordova	Texas	8063	CT4	4	4	4	4	Y
Deer Park Energy Center	Texas	55464	CTG1	33	33	33	33	Y
Deer Park Energy Center	Texas	55464	CTG2	28	28	28	28	Y
Deer Park Energy Center	Texas	55464	CTG3	40	40	40	40	Y
Deer Park Energy Center	Texas	55464	CTG4	28	28	28	28	Y
EG178 Facility	Texas	56233	CT02	28	28	28	28	Y
EG178 Facility	Texas	56233	CTG1	28	28	28	28	Y
Eastman Cogeneration Facility	Texas	55176	1	83	83	83	83	Y
Eastman Cogeneration Facility	Texas	55176	2	74	74	74	74	Y
Ennis Power Company, LLC	Texas	55223	GT-1	88	88	88	88	Y
Exelon Laporte Generating Station	Texas	55365	GT-1	7	7	7	7	Y
Exelon Laporte Generating Station	Texas	55365	GT-2	7	7	7	7	Y
Exelon Laporte Generating Station	Texas	55365	GT-3	6	6	6	6	Y
Exelon Laporte Generating Station	Texas	55365	GT-4	7	7	7	7	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Decker Creek	Texas	3548	2		Y	Y		
Decker Creek	Texas	3548	GT-1A		Y	Y		
Decker Creek	Texas	3548	GT-1B		Y	Y		
Decker Creek	Texas	3548	GT-2A		Y	Y		
Decker Creek	Texas	3548	GT-2B		Y	Y		
Decker Creek	Texas	3548	GT-3A		Y	Y		
Decker Creek	Texas	3548	GT-3B		Y	Y		
Decker Creek	Texas	3548	GT-4A		Y	Y		
Decker Creek	Texas	3548	GT-4B		Y	Y		
Decordova	Texas	8063	1		Y	Y		
Decordova	Texas	8063	CT1		Y	Y		
Decordova	Texas	8063	CT2		Y	Y		
Decordova	Texas	8063	CT3		Y	Y		
Decordova	Texas	8063	CT4		Y	Y		
Deer Park Energy Center	Texas	55464	CTG1		Y	Y		
Deer Park Energy Center	Texas	55464	CTG2		Y	Y		
Deer Park Energy Center	Texas	55464	CTG3		Y	Y		
Deer Park Energy Center	Texas	55464	CTG4		Y	Y		
EG178 Facility	Texas	56233	CT02		Y	Y	Y	
EG178 Facility	Texas	56233	CTG1		Y	Y	Y	
Eastman Cogeneration Facility	Texas	55176	1		Y	Y		
Eastman Cogeneration Facility	Texas	55176	2		Y	Y		
Ennis Power Company, LLC	Texas	55223	GT-1		Y	Y		
Exelon Laporte Generating Station	Texas	55365	GT-1		Y	Y		
Exelon Laporte Generating Station	Texas	55365	GT-2		Y	Y		
Exelon Laporte Generating Station	Texas	55365	GT-3		Y	Y		
Exelon Laporte Generating Station	Texas	55365	GT-4		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
ExxonMobil Beaumont Refinery	Texas	50625	33				2,208,114	1,847,540	1,369,747
ExxonMobil Beaumont Refinery	Texas	50625	34				738,981	2,201,551	2,117,986
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	3679	13,051,744	10,218,503	11,646,814	6,193,324	9,800,219
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	3680	12,940,417	10,280,624	8,741,126	12,050,616	11,351,801
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	3681	12,799,352	9,857,070	9,934,375	12,602,039	13,327,684
FPLE Forney, LP	Texas	55480	U1	4853	9,620,337	9,000,313	9,572,712	8,148,844	8,842,611
FPLE Forney, LP	Texas	55480	U2	4854	10,313,949	10,300,109	11,029,113	7,234,431	7,146,540
FPLE Forney, LP	Texas	55480	U3	4855	9,447,852	10,050,440	10,519,449	7,734,727	8,545,526
FPLE Forney, LP	Texas	55480	U4	4856	10,372,942	10,874,620	8,423,115	10,137,068	7,914,258
FPLE Forney, LP	Texas	55480	U5	4857	10,555,369	11,150,291	8,965,386	10,654,033	8,829,278
FPLE Forney, LP	Texas	55480	U6	4858	10,035,581	10,888,449	8,482,597	10,491,345	8,821,500
Freestone Power Generation	Texas	55226	GT1	4192	6,668,401	8,250,366	6,537,995	6,758,682	9,019,224
Freestone Power Generation	Texas	55226	GT2	4193	6,003,432	7,874,157	7,321,180	6,769,021	8,292,690
Freestone Power Generation	Texas	55226	GT3	4194	6,168,551	7,237,456	7,109,510	4,919,503	9,134,126
Freestone Power Generation	Texas	55226	GT4	4195	5,968,611	7,073,601	7,167,566	5,713,218	8,414,722
Frontera Generation Facility	Texas	55098	1	3883	7,718,781	8,665,037	8,919,769	8,983,069	8,051,915
Frontera Generation Facility	Texas	55098	2	3884	7,108,202	8,733,782	10,080,211	8,252,688	7,585,060
Gibbons Creek Steam Electric Station	Texas	6136	1	2796	35,281,328	34,347,209	35,232,113	34,287,091	36,063,406
Graham	Texas	3490	1	2408	1,804,920	2,013,737	973,307	913,593	1,118,482
Graham	Texas	3490	2	2409	4,236,315	7,461,769	4,040,678	5,290,161	4,538,906
Greens Bayou	Texas	3464	GBY5	2359	3,365,607	2,589,208	1,514,492	1,521,058	1,813,230
Greens Bayou	Texas	3464	GBY73	89952			112,805	216,031	192,775
Greens Bayou	Texas	3464	GBY74	89953			123,647	241,653	215,541
Greens Bayou	Texas	3464	GBY81	89954			107,505	217,284	235,240
Greens Bayou	Texas	3464	GBY82	89955			148,968	194,248	232,485
Greens Bayou	Texas	3464	GBY83	89956			177,334	240,731	251,362
Greens Bayou	Texas	3464	GBY84	89957			147,674	209,618	253,406

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
ExxonMobil Beaumont Refinery	Texas	50625	33	1,808,467	3,511,906,933	0.000515	279,747	279,747
ExxonMobil Beaumont Refinery	Texas	50625	34	1,686,173	3,511,906,933	0.000480	279,747	279,747
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	11,639,020	3,511,906,933	0.003314	279,747	279,747
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	12,114,278	3,511,906,933	0.003449	279,747	279,747
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	12,909,692	3,511,906,933	0.003676	279,747	279,747
FPLE Forney, LP	Texas	55480	U1	9,397,788	3,511,906,933	0.002676	279,747	279,747
FPLE Forney, LP	Texas	55480	U2	10,547,724	3,511,906,933	0.003003	279,747	279,747
FPLE Forney, LP	Texas	55480	U3	10,005,914	3,511,906,933	0.002849	279,747	279,747
FPLE Forney, LP	Texas	55480	U4	10,461,543	3,511,906,933	0.002979	279,747	279,747
FPLE Forney, LP	Texas	55480	U5	10,786,564	3,511,906,933	0.003071	279,747	279,747
FPLE Forney, LP	Texas	55480	U6	10,471,791	3,511,906,933	0.002982	279,747	279,747
Freestone Power Generation	Texas	55226	GT1	8,009,424	3,511,906,933	0.002281	279,747	279,747
Freestone Power Generation	Texas	55226	GT2	7,829,342	3,511,906,933	0.002229	279,747	279,747
Freestone Power Generation	Texas	55226	GT3	7,827,030	3,511,906,933	0.002229	279,747	279,747
Freestone Power Generation	Texas	55226	GT4	7,551,963	3,511,906,933	0.002150	279,747	279,747
Frontera Generation Facility	Texas	55098	1	8,855,958	3,511,906,933	0.002522	279,747	279,747
Frontera Generation Facility	Texas	55098	2	9,022,227	3,511,906,933	0.002569	279,747	279,747
Gibbons Creek Steam Electric Station	Texas	6136	1	35,525,616	3,511,906,933	0.010116	279,747	279,747
Graham	Texas	3490	1	1,645,713	3,511,906,933	0.000469	279,747	279,747
Graham	Texas	3490	2	5,763,612	3,511,906,933	0.001641	279,747	279,747
Greens Bayou	Texas	3464	GBY5	2,589,348	3,511,906,933	0.000737	279,747	279,747
Greens Bayou	Texas	3464	GBY73	173,870	3,511,906,933	0.000050	279,747	279,747
Greens Bayou	Texas	3464	GBY74	193,613	3,511,906,933	0.000055	279,747	279,747
Greens Bayou	Texas	3464	GBY81	186,676	3,511,906,933	0.000053	279,747	279,747
Greens Bayou	Texas	3464	GBY82	191,900	3,511,906,933	0.000055	279,747	279,747
Greens Bayou	Texas	3464	GBY83	223,142	3,511,906,933	0.000064	279,747	279,747
Greens Bayou	Texas	3464	GBY84	203,566	3,511,906,933	0.000058	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
ExxonMobil Beaumont Refinery	Texas	50625	33	129,571	129,571	144	144	67	67
ExxonMobil Beaumont Refinery	Texas	50625	34	129,571	129,571	134	134	62	62
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	129,571	129,571	927	927	429	429
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	129,571	129,571	965	965	447	447
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	129,571	129,571	1,028	1,028	476	476
FPLE Forney, LP	Texas	55480	U1	129,571	129,571	749	749	347	347
FPLE Forney, LP	Texas	55480	U2	129,571	129,571	840	840	389	389
FPLE Forney, LP	Texas	55480	U3	129,571	129,571	797	797	369	369
FPLE Forney, LP	Texas	55480	U4	129,571	129,571	833	833	386	386
FPLE Forney, LP	Texas	55480	U5	129,571	129,571	859	859	398	398
FPLE Forney, LP	Texas	55480	U6	129,571	129,571	834	834	386	386
Freestone Power Generation	Texas	55226	GT1	129,571	129,571	638	638	296	296
Freestone Power Generation	Texas	55226	GT2	129,571	129,571	624	624	289	289
Freestone Power Generation	Texas	55226	GT3	129,571	129,571	623	623	289	289
Freestone Power Generation	Texas	55226	GT4	129,571	129,571	602	602	279	279
Frontera Generation Facility	Texas	55098	1	129,571	129,571	705	705	327	327
Frontera Generation Facility	Texas	55098	2	129,571	129,571	719	719	333	333
Gibbons Creek Steam Electric Station	Texas	6136	1	129,571	129,571	2,830	2,830	1,311	1,311
Graham	Texas	3490	1	129,571	129,571	131	131	61	61
Graham	Texas	3490	2	129,571	129,571	459	459	213	213
Greens Bayou	Texas	3464	GBY5	129,571	129,571	206	206	96	96
Greens Bayou	Texas	3464	GBY73	129,571	129,571	14	14	6	6
Greens Bayou	Texas	3464	GBY74	129,571	129,571	15	15	7	7
Greens Bayou	Texas	3464	GBY81	129,571	129,571	15	15	7	7
Greens Bayou	Texas	3464	GBY82	129,571	129,571	15	15	7	7
Greens Bayou	Texas	3464	GBY83	129,571	129,571	18	18	8	8
Greens Bayou	Texas	3464	GBY84	129,571	129,571	16	16	8	8

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
ExxonMobil Beaumont Refinery	Texas	50625	33		7	6			
ExxonMobil Beaumont Refinery	Texas	50625	34		7	5			
Exxonmobil Beaumont Refinery	Texas	50625	61STK1			1	4	3	4
Exxonmobil Beaumont Refinery	Texas	50625	61STK2			2	4	3	3
Exxonmobil Beaumont Refinery	Texas	50625	61STK3			2	4	3	3
FPLE Forney, LP	Texas	55480	U1	1	3	2	3	3	3
FPLE Forney, LP	Texas	55480	U2	1	3	2	3	3	3
FPLE Forney, LP	Texas	55480	U3	1	2	3	3	3	3
FPLE Forney, LP	Texas	55480	U4	1	2	2	3	3	3
FPLE Forney, LP	Texas	55480	U5	1	3	3	3	3	3
FPLE Forney, LP	Texas	55480	U6	1	2	3	3	3	3
Freestone Power Generation	Texas	55226	GT1	3	3	2	2	2	2
Freestone Power Generation	Texas	55226	GT2	3	2	2	2	2	2
Freestone Power Generation	Texas	55226	GT3	3	3	2	2	2	2
Freestone Power Generation	Texas	55226	GT4	3	3	2	2	2	2
Frontera Generation Facility	Texas	55098	1	2	1	2	2	3	3
Frontera Generation Facility	Texas	55098	2	1	1	2	2	3	3
Gibbons Creek Steam Electric Station	Texas	6136	1	11,924	10,588	11,736	11,913	11,386	12,567
Graham	Texas	3490	1	8	0	0	1	1	0
Graham	Texas	3490	2	226	4	50	94	9	1
Greens Bayou	Texas	3464	GBY5	36	1	1	1	2	0
Greens Bayou	Texas	3464	GBY73						
Greens Bayou	Texas	3464	GBY74						
Greens Bayou	Texas	3464	GBY81						
Greens Bayou	Texas	3464	GBY82						
Greens Bayou	Texas	3464	GBY83						
Greens Bayou	Texas	3464	GBY84						

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
ExxonMobil Beaumont Refinery	Texas	50625	33			7			
ExxonMobil Beaumont Refinery	Texas	50625	34			7			
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	2	3	4			
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	4	3	4			
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	4	4	4			
FPLE Forney, LP	Texas	55480	U1	2	3	3			
FPLE Forney, LP	Texas	55480	U2	2	2	3			
FPLE Forney, LP	Texas	55480	U3	2	3	3			
FPLE Forney, LP	Texas	55480	U4	3	2	3			
FPLE Forney, LP	Texas	55480	U5	3	3	3			
FPLE Forney, LP	Texas	55480	U6	3	3	3			
Freestone Power Generation	Texas	55226	GT1	2	3	3			
Freestone Power Generation	Texas	55226	GT2	2	2	3			
Freestone Power Generation	Texas	55226	GT3	1	3	3			
Freestone Power Generation	Texas	55226	GT4	2	3	3			
Frontera Generation Facility	Texas	55098	1	3	2	3			
Frontera Generation Facility	Texas	55098	2	2	2	3			
Gibbons Creek Steam Electric Station	Texas	6136	1	11,931	12,146	12,567			
Graham	Texas	3490	1	0	0	8			
Graham	Texas	3490	2	2	1	226			
Greens Bayou	Texas	3464	GBY5	0	1	36			
Greens Bayou	Texas	3464	GBY73	0	0	0			
Greens Bayou	Texas	3464	GBY74	0	0	0			
Greens Bayou	Texas	3464	GBY81	0	0	0			
Greens Bayou	Texas	3464	GBY82	0	0	0			
Greens Bayou	Texas	3464	GBY83	0	0	0			
Greens Bayou	Texas	3464	GBY84	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
ExxonMobil Beaumont Refinery	Texas	50625	33					127	87
ExxonMobil Beaumont Refinery	Texas	50625	34					151	71
Exxonmobil Beaumont Refinery	Texas	50625	61STK1						52
Exxonmobil Beaumont Refinery	Texas	50625	61STK2						52
Exxonmobil Beaumont Refinery	Texas	50625	61STK3						59
FPLE Forney, LP	Texas	55480	U1				92	158	151
FPLE Forney, LP	Texas	55480	U2				95	170	165
FPLE Forney, LP	Texas	55480	U3				85	152	165
FPLE Forney, LP	Texas	55480	U4				60	143	157
FPLE Forney, LP	Texas	55480	U5				61	167	191
FPLE Forney, LP	Texas	55480	U6				53	146	172
Freestone Power Generation	Texas	55226	GT1				143	124	110
Freestone Power Generation	Texas	55226	GT2				136	99	121
Freestone Power Generation	Texas	55226	GT3				164	118	108
Freestone Power Generation	Texas	55226	GT4				136	136	111
Frontera Generation Facility	Texas	55098	1				94	76	139
Frontera Generation Facility	Texas	55098	2				142	117	126
Gibbons Creek Steam Electric Station	Texas	6136	1				1,894	1,864	2,310
Graham	Texas	3490	1				386	165	132
Graham	Texas	3490	2				667	468	498
Greens Bayou	Texas	3464	GBY5				141	76	58
Greens Bayou	Texas	3464	GBY73						
Greens Bayou	Texas	3464	GBY74						
Greens Bayou	Texas	3464	GBY81						
Greens Bayou	Texas	3464	GBY82						
Greens Bayou	Texas	3464	GBY83						
Greens Bayou	Texas	3464	GBY84						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
ExxonMobil Beaumont Refinery	Texas	50625	33						127
ExxonMobil Beaumont Refinery	Texas	50625	34						151
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	126	200	176	67	109	200
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	111	105	97	140	133	140
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	109	95	115	128	135	135
FPLE Forney, LP	Texas	55480	U1	171	146	159	142	149	171
FPLE Forney, LP	Texas	55480	U2	174	158	176	122	118	176
FPLE Forney, LP	Texas	55480	U3	160	162	166	126	144	166
FPLE Forney, LP	Texas	55480	U4	178	168	144	165	136	178
FPLE Forney, LP	Texas	55480	U5	177	170	166	182	161	191
FPLE Forney, LP	Texas	55480	U6	170	162	146	167	151	172
Freestone Power Generation	Texas	55226	GT1	101	164	139	135	170	170
Freestone Power Generation	Texas	55226	GT2	96	169	177	141	169	177
Freestone Power Generation	Texas	55226	GT3	99	167	166	112	194	194
Freestone Power Generation	Texas	55226	GT4	88	156	166	122	172	172
Frontera Generation Facility	Texas	55098	1	185	201	185	191	163	201
Frontera Generation Facility	Texas	55098	2	155	183	187	160	149	187
Gibbons Creek Steam Electric Station	Texas	6136	1	2,323	2,267	2,158	2,114	2,277	2,323
Graham	Texas	3490	1	202	201	107	71	102	386
Graham	Texas	3490	2	489	784	472	610	509	784
Greens Bayou	Texas	3464	GBY5	95	82	44	48	54	141
Greens Bayou	Texas	3464	GBY73			24	16	14	24
Greens Bayou	Texas	3464	GBY74			26	17	15	26
Greens Bayou	Texas	3464	GBY81			22	22	23	23
Greens Bayou	Texas	3464	GBY82			32	18	22	32
Greens Bayou	Texas	3464	GBY83			41	25	26	41
Greens Bayou	Texas	3464	GBY84			34	18	22	34

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
ExxonMobil Beaumont Refinery	Texas	50625	33						
ExxonMobil Beaumont Refinery	Texas	50625	34						
Exxonmobil Beaumont Refinery	Texas	50625	61STK1						
Exxonmobil Beaumont Refinery	Texas	50625	61STK2						
Exxonmobil Beaumont Refinery	Texas	50625	61STK3						
FPLE Forney, LP	Texas	55480	U1						
FPLE Forney, LP	Texas	55480	U2						
FPLE Forney, LP	Texas	55480	U3						
FPLE Forney, LP	Texas	55480	U4						
FPLE Forney, LP	Texas	55480	U5						
FPLE Forney, LP	Texas	55480	U6						
Freestone Power Generation	Texas	55226	GT1						
Freestone Power Generation	Texas	55226	GT2						
Freestone Power Generation	Texas	55226	GT3						
Freestone Power Generation	Texas	55226	GT4						
Frontera Generation Facility	Texas	55098	1						
Frontera Generation Facility	Texas	55098	2						
Gibbons Creek Steam Electric Station	Texas	6136	1						
Graham	Texas	3490	1						
Graham	Texas	3490	2						
Greens Bayou	Texas	3464	GBY5						
Greens Bayou	Texas	3464	GBY73						
Greens Bayou	Texas	3464	GBY74						
Greens Bayou	Texas	3464	GBY81						
Greens Bayou	Texas	3464	GBY82						
Greens Bayou	Texas	3464	GBY83						
Greens Bayou	Texas	3464	GBY84						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
ExxonMobil Beaumont Refinery	Texas	50625	33	7	7	7	7
ExxonMobil Beaumont Refinery	Texas	50625	34	7	7	7	7
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	4	4	4	4
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	4	4	4	4
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	4	4	4	4
FPLE Forney, LP	Texas	55480	U1	3	3	3	3
FPLE Forney, LP	Texas	55480	U2	3	3	3	3
FPLE Forney, LP	Texas	55480	U3	3	3	3	3
FPLE Forney, LP	Texas	55480	U4	3	3	3	3
FPLE Forney, LP	Texas	55480	U5	3	3	3	3
FPLE Forney, LP	Texas	55480	U6	3	3	3	3
Freestone Power Generation	Texas	55226	GT1	3	3	3	3
Freestone Power Generation	Texas	55226	GT2	3	3	3	3
Freestone Power Generation	Texas	55226	GT3	3	3	3	3
Freestone Power Generation	Texas	55226	GT4	3	3	3	3
Frontera Generation Facility	Texas	55098	1	3	3	3	3
Frontera Generation Facility	Texas	55098	2	3	3	3	3
Gibbons Creek Steam Electric Station	Texas	6136	1	6,314	6,314	6,314	6,314
Graham	Texas	3490	1	8	8	8	8
Graham	Texas	3490	2	226	226	226	226
Greens Bayou	Texas	3464	GBY5	36	36	36	36
Greens Bayou	Texas	3464	GBY73	0	0	0	0
Greens Bayou	Texas	3464	GBY74	0	0	0	0
Greens Bayou	Texas	3464	GBY81	0	0	0	0
Greens Bayou	Texas	3464	GBY82	0	0	0	0
Greens Bayou	Texas	3464	GBY83	0	0	0	0
Greens Bayou	Texas	3464	GBY84	0	0	0	0

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
ExxonMobil Beaumont Refinery	Texas	50625	33	7	7	93	93
ExxonMobil Beaumont Refinery	Texas	50625	34	7	7	87	87
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	4	4	200	200
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	4	4	140	140
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	4	4	135	135
FPLE Forney, LP	Texas	55480	U1	3	3	171	171
FPLE Forney, LP	Texas	55480	U2	3	3	176	176
FPLE Forney, LP	Texas	55480	U3	3	3	166	166
FPLE Forney, LP	Texas	55480	U4	3	3	178	178
FPLE Forney, LP	Texas	55480	U5	3	3	191	191
FPLE Forney, LP	Texas	55480	U6	3	3	172	172
Freestone Power Generation	Texas	55226	GT1	3	3	170	170
Freestone Power Generation	Texas	55226	GT2	3	3	177	177
Freestone Power Generation	Texas	55226	GT3	3	3	194	194
Freestone Power Generation	Texas	55226	GT4	3	3	172	172
Frontera Generation Facility	Texas	55098	1	3	3	201	201
Frontera Generation Facility	Texas	55098	2	3	3	187	187
Gibbons Creek Steam Electric Station	Texas	6136	1	6,314	6,314	1,829	1,829
Graham	Texas	3490	1	8	8	85	85
Graham	Texas	3490	2	226	226	297	297
Greens Bayou	Texas	3464	GBY5	36	36	133	133
Greens Bayou	Texas	3464	GBY73	0	0	9	9
Greens Bayou	Texas	3464	GBY74	0	0	10	10
Greens Bayou	Texas	3464	GBY81	0	0	10	10
Greens Bayou	Texas	3464	GBY82	0	0	10	10
Greens Bayou	Texas	3464	GBY83	0	0	11	11
Greens Bayou	Texas	3464	GBY84	0	0	10	10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
ExxonMobil Beaumont Refinery	Texas	50625	33	93	93	93	93
ExxonMobil Beaumont Refinery	Texas	50625	34	87	87	87	87
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	200	200	200	200
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	140	140	140	140
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	135	135	135	135
FPLE Forney, LP	Texas	55480	U1	171	171	171	171
FPLE Forney, LP	Texas	55480	U2	176	176	176	176
FPLE Forney, LP	Texas	55480	U3	166	166	166	166
FPLE Forney, LP	Texas	55480	U4	178	178	178	178
FPLE Forney, LP	Texas	55480	U5	191	191	191	191
FPLE Forney, LP	Texas	55480	U6	172	172	172	172
Freestone Power Generation	Texas	55226	GT1	170	170	170	170
Freestone Power Generation	Texas	55226	GT2	177	177	177	177
Freestone Power Generation	Texas	55226	GT3	194	194	194	194
Freestone Power Generation	Texas	55226	GT4	172	172	172	172
Frontera Generation Facility	Texas	55098	1	201	201	201	201
Frontera Generation Facility	Texas	55098	2	187	187	187	187
Gibbons Creek Steam Electric Station	Texas	6136	1	1,829	1,829	1,829	1,829
Graham	Texas	3490	1	85	85	85	85
Graham	Texas	3490	2	297	297	297	297
Greens Bayou	Texas	3464	GBY5	133	133	133	133
Greens Bayou	Texas	3464	GBY73	9	9	9	9
Greens Bayou	Texas	3464	GBY74	10	10	10	10
Greens Bayou	Texas	3464	GBY81	10	10	10	10
Greens Bayou	Texas	3464	GBY82	10	10	10	10
Greens Bayou	Texas	3464	GBY83	11	11	11	11
Greens Bayou	Texas	3464	GBY84	10	10	10	10

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
ExxonMobil Beaumont Refinery	Texas	50625	33			1,024,251	1,022,364	648,807	898,474
ExxonMobil Beaumont Refinery	Texas	50625	34			305,232	995,058	830,102	710,131
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	5,469,290	4,536,214	4,877,346	3,005,593	3,696,785	4,960,950
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	5,638,015	4,168,437	3,464,370	4,670,694	5,651,790	5,320,166
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	5,303,860	2,520,892	3,463,567	4,613,529	5,289,587	5,068,992
FPLE Forney, LP	Texas	55480	U1	5,430,726	4,166,034	4,485,861	4,278,538	4,749,849	4,888,812
FPLE Forney, LP	Texas	55480	U2	5,614,213	4,621,402	4,996,346	3,595,120	3,513,728	5,077,320
FPLE Forney, LP	Texas	55480	U3	5,580,123	4,700,307	4,280,702	4,095,866	4,660,081	4,980,171
FPLE Forney, LP	Texas	55480	U4	5,593,218	5,563,210	3,864,233	5,270,685	3,294,920	5,475,704
FPLE Forney, LP	Texas	55480	U5	5,757,304	5,521,015	4,246,729	5,697,799	3,829,490	5,658,706
FPLE Forney, LP	Texas	55480	U6	5,669,356	5,649,022	4,458,874	5,829,166	3,644,930	5,715,848
Freestone Power Generation	Texas	55226	GT1	4,064,247	3,584,851	3,033,378	4,313,721	4,565,848	4,314,605
Freestone Power Generation	Texas	55226	GT2	3,616,400	3,475,497	3,517,056	4,251,599	4,425,385	4,097,795
Freestone Power Generation	Texas	55226	GT3	3,777,562	3,392,676	3,602,809	3,627,631	4,720,423	4,041,872
Freestone Power Generation	Texas	55226	GT4	3,625,726	3,540,956	3,405,681	4,437,529	4,467,857	4,177,037
Frontera Generation Facility	Texas	55098	1	3,725,087	3,612,890	4,913,742	4,537,747	4,008,060	4,486,516
Frontera Generation Facility	Texas	55098	2	2,820,318	3,653,763	5,144,915	3,980,452	4,298,398	4,474,589
Gibbons Creek Steam Electric Station	Texas	6136	1	15,530,393	15,776,311	15,453,626	15,491,835	16,315,511	15,874,072
Graham	Texas	3490	1	1,091,132	1,307,141	672,542	667,213	691,874	1,030,049
Graham	Texas	3490	2	3,076,132	4,337,363	2,792,842	3,096,944	2,680,344	3,503,480
Greens Bayou	Texas	3464	GBY5	2,456,300	1,296,188	1,255,478	1,521,058	1,699,584	1,892,314
Greens Bayou	Texas	3464	GBY73			76,733	151,903	133,096	120,577
Greens Bayou	Texas	3464	GBY74			76,813	164,078	156,643	132,511
Greens Bayou	Texas	3464	GBY81			59,579	152,264	169,709	127,184
Greens Bayou	Texas	3464	GBY82			73,808	136,733	152,655	121,065
Greens Bayou	Texas	3464	GBY83			87,024	173,838	150,130	136,997
Greens Bayou	Texas	3464	GBY84			81,994	126,642	140,170	116,269

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
ExxonMobil Beaumont Refinery	Texas	50625	33	1,726,255,329	0.000520	61,841	61,841	32	32
ExxonMobil Beaumont Refinery	Texas	50625	34	1,726,255,329	0.000411	61,841	61,841	25	25
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	1,726,255,329	0.002874	61,841	61,841	178	178
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	1,726,255,329	0.003082	61,841	61,841	191	191
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	1,726,255,329	0.002936	61,841	61,841	182	182
FPLE Forney, LP	Texas	55480	U1	1,726,255,329	0.002832	61,841	61,841	175	175
FPLE Forney, LP	Texas	55480	U2	1,726,255,329	0.002941	61,841	61,841	182	182
FPLE Forney, LP	Texas	55480	U3	1,726,255,329	0.002885	61,841	61,841	178	178
FPLE Forney, LP	Texas	55480	U4	1,726,255,329	0.003172	61,841	61,841	196	196
FPLE Forney, LP	Texas	55480	U5	1,726,255,329	0.003278	61,841	61,841	203	203
FPLE Forney, LP	Texas	55480	U6	1,726,255,329	0.003311	61,841	61,841	205	205
Freestone Power Generation	Texas	55226	GT1	1,726,255,329	0.002499	61,841	61,841	155	155
Freestone Power Generation	Texas	55226	GT2	1,726,255,329	0.002374	61,841	61,841	147	147
Freestone Power Generation	Texas	55226	GT3	1,726,255,329	0.002341	61,841	61,841	145	145
Freestone Power Generation	Texas	55226	GT4	1,726,255,329	0.002420	61,841	61,841	150	150
Frontera Generation Facility	Texas	55098	1	1,726,255,329	0.002599	61,841	61,841	161	161
Frontera Generation Facility	Texas	55098	2	1,726,255,329	0.002592	61,841	61,841	160	160
Gibbons Creek Steam Electric Station	Texas	6136	1	1,726,255,329	0.009196	61,841	61,841	569	569
Graham	Texas	3490	1	1,726,255,329	0.000597	61,841	61,841	37	37
Graham	Texas	3490	2	1,726,255,329	0.002030	61,841	61,841	126	126
Greens Bayou	Texas	3464	GBY5	1,726,255,329	0.001096	61,841	61,841	68	68
Greens Bayou	Texas	3464	GBY73	1,726,255,329	0.000070	61,841	61,841	4	4
Greens Bayou	Texas	3464	GBY74	1,726,255,329	0.000077	61,841	61,841	5	5
Greens Bayou	Texas	3464	GBY81	1,726,255,329	0.000074	61,841	61,841	5	5
Greens Bayou	Texas	3464	GBY82	1,726,255,329	0.000070	61,841	61,841	4	4
Greens Bayou	Texas	3464	GBY83	1,726,255,329	0.000079	61,841	61,841	5	5
Greens Bayou	Texas	3464	GBY84	1,726,255,329	0.000067	61,841	61,841	4	4

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
ExxonMobil Beaumont Refinery	Texas	50625	33		53	20			
ExxonMobil Beaumont Refinery	Texas	50625	34		71	19			
Exxonmobil Beaumont Refinery	Texas	50625	61STK1			10	53	44	68
Exxonmobil Beaumont Refinery	Texas	50625	61STK2			36	44	42	38
Exxonmobil Beaumont Refinery	Texas	50625	61STK3			42	45	23	42
FPLE Forney, LP	Texas	55480	U1	56	77	78	87	66	76
FPLE Forney, LP	Texas	55480	U2	58	84	85	83	70	83
FPLE Forney, LP	Texas	55480	U3	53	81	72	86	77	69
FPLE Forney, LP	Texas	55480	U4	24	69	85	88	81	65
FPLE Forney, LP	Texas	55480	U5	21	74	91	87	77	78
FPLE Forney, LP	Texas	55480	U6	20	73	88	89	77	76
Freestone Power Generation	Texas	55226	GT1	66	60	54	58	77	67
Freestone Power Generation	Texas	55226	GT2	58	49	62	53	84	79
Freestone Power Generation	Texas	55226	GT3	78	58	62	60	86	81
Freestone Power Generation	Texas	55226	GT4	64	62	60	51	81	73
Frontera Generation Facility	Texas	55098	1	56	58	73	89	76	99
Frontera Generation Facility	Texas	55098	2	117	47	75	62	71	93
Gibbons Creek Steam Electric Station	Texas	6136	1	928	953	1,048	1,026	1,043	955
Graham	Texas	3490	1	258	130	80	130	133	77
Graham	Texas	3490	2	334	304	256	340	427	336
Greens Bayou	Texas	3464	GBY5	120	36	50	66	38	36
Greens Bayou	Texas	3464	GBY73						19
Greens Bayou	Texas	3464	GBY74						19
Greens Bayou	Texas	3464	GBY81						15
Greens Bayou	Texas	3464	GBY82						19
Greens Bayou	Texas	3464	GBY83						22
Greens Bayou	Texas	3464	GBY84						21

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
ExxonMobil Beaumont Refinery	Texas	50625	33			53			
ExxonMobil Beaumont Refinery	Texas	50625	34			71			
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	32	40	68			
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	52	68	68			
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	41	54	54			
FPLE Forney, LP	Texas	55480	U1	73	74	87			
FPLE Forney, LP	Texas	55480	U2	59	55	85			
FPLE Forney, LP	Texas	55480	U3	65	74	86			
FPLE Forney, LP	Texas	55480	U4	84	55	88			
FPLE Forney, LP	Texas	55480	U5	95	71	95			
FPLE Forney, LP	Texas	55480	U6	90	60	90			
Freestone Power Generation	Texas	55226	GT1	77	85	85			
Freestone Power Generation	Texas	55226	GT2	73	87	87			
Freestone Power Generation	Texas	55226	GT3	70	88	88			
Freestone Power Generation	Texas	55226	GT4	79	81	81			
Frontera Generation Facility	Texas	55098	1	94	74	99			
Frontera Generation Facility	Texas	55098	2	75	79	117			
Gibbons Creek Steam Electric Station	Texas	6136	1	982	1,072	1,072			
Graham	Texas	3490	1	53	66	258			
Graham	Texas	3490	2	349	287	427			
Greens Bayou	Texas	3464	GBY5	48	50	120			
Greens Bayou	Texas	3464	GBY73	11	10	19			
Greens Bayou	Texas	3464	GBY74	12	11	19			
Greens Bayou	Texas	3464	GBY81	15	17	17			
Greens Bayou	Texas	3464	GBY82	13	14	19			
Greens Bayou	Texas	3464	GBY83	18	15	22			
Greens Bayou	Texas	3464	GBY84	11	12	21			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
ExxonMobil Beaumont Refinery	Texas	50625	33				47	47
ExxonMobil Beaumont Refinery	Texas	50625	34				37	37
Exxonmobil Beaumont Refinery	Texas	50625	61STK1				68	68
Exxonmobil Beaumont Refinery	Texas	50625	61STK2				68	68
Exxonmobil Beaumont Refinery	Texas	50625	61STK3				54	54
FPLE Forney, LP	Texas	55480	U1				87	87
FPLE Forney, LP	Texas	55480	U2				85	85
FPLE Forney, LP	Texas	55480	U3				86	86
FPLE Forney, LP	Texas	55480	U4				88	88
FPLE Forney, LP	Texas	55480	U5				95	95
FPLE Forney, LP	Texas	55480	U6				90	90
Freestone Power Generation	Texas	55226	GT1				85	85
Freestone Power Generation	Texas	55226	GT2				87	87
Freestone Power Generation	Texas	55226	GT3				88	88
Freestone Power Generation	Texas	55226	GT4				81	81
Frontera Generation Facility	Texas	55098	1				99	99
Frontera Generation Facility	Texas	55098	2				117	117
Gibbons Creek Steam Electric Station	Texas	6136	1				822	822
Graham	Texas	3490	1				53	53
Graham	Texas	3490	2				181	181
Greens Bayou	Texas	3464	GBY5				98	98
Greens Bayou	Texas	3464	GBY73				6	6
Greens Bayou	Texas	3464	GBY74				7	7
Greens Bayou	Texas	3464	GBY81				7	7
Greens Bayou	Texas	3464	GBY82				6	6
Greens Bayou	Texas	3464	GBY83				7	7
Greens Bayou	Texas	3464	GBY84				6	6

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
ExxonMobil Beaumont Refinery	Texas	50625	33	47	47	47	47	Y
ExxonMobil Beaumont Refinery	Texas	50625	34	37	37	37	37	Y
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	68	68	68	68	Y
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	68	68	68	68	Y
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	54	54	54	54	Y
FPLE Forney, LP	Texas	55480	U1	87	87	87	87	Y
FPLE Forney, LP	Texas	55480	U2	85	85	85	85	Y
FPLE Forney, LP	Texas	55480	U3	86	86	86	86	Y
FPLE Forney, LP	Texas	55480	U4	88	88	88	88	Y
FPLE Forney, LP	Texas	55480	U5	95	95	95	95	Y
FPLE Forney, LP	Texas	55480	U6	90	90	90	90	Y
Freestone Power Generation	Texas	55226	GT1	85	85	85	85	Y
Freestone Power Generation	Texas	55226	GT2	87	87	87	87	Y
Freestone Power Generation	Texas	55226	GT3	88	88	88	88	Y
Freestone Power Generation	Texas	55226	GT4	81	81	81	81	Y
Frontera Generation Facility	Texas	55098	1	99	99	99	99	Y
Frontera Generation Facility	Texas	55098	2	117	117	117	117	Y
Gibbons Creek Steam Electric Station	Texas	6136	1	822	822	822	822	Y
Graham	Texas	3490	1	53	53	53	53	Y
Graham	Texas	3490	2	181	181	181	181	Y
Greens Bayou	Texas	3464	GBY5	98	98	98	98	Y
Greens Bayou	Texas	3464	GBY73	6	6	6	6	Y
Greens Bayou	Texas	3464	GBY74	7	7	7	7	Y
Greens Bayou	Texas	3464	GBY81	7	7	7	7	Y
Greens Bayou	Texas	3464	GBY82	6	6	6	6	Y
Greens Bayou	Texas	3464	GBY83	7	7	7	7	Y
Greens Bayou	Texas	3464	GBY84	6	6	6	6	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
ExxonMobil Beaumont Refinery	Texas	50625	33		Y	Y	Y	
ExxonMobil Beaumont Refinery	Texas	50625	34		Y	Y	Y	
Exxonmobil Beaumont Refinery	Texas	50625	61STK1		Y	Y		
Exxonmobil Beaumont Refinery	Texas	50625	61STK2		Y	Y		
Exxonmobil Beaumont Refinery	Texas	50625	61STK3		Y	Y		
FPLE Forney, LP	Texas	55480	U1		Y	Y		
FPLE Forney, LP	Texas	55480	U2		Y	Y		
FPLE Forney, LP	Texas	55480	U3		Y	Y		
FPLE Forney, LP	Texas	55480	U4		Y	Y		
FPLE Forney, LP	Texas	55480	U5		Y	Y		
FPLE Forney, LP	Texas	55480	U6		Y	Y		
Freestone Power Generation	Texas	55226	GT1		Y	Y		
Freestone Power Generation	Texas	55226	GT2		Y	Y		
Freestone Power Generation	Texas	55226	GT3		Y	Y		
Freestone Power Generation	Texas	55226	GT4		Y	Y		
Frontera Generation Facility	Texas	55098	1		Y	Y		
Frontera Generation Facility	Texas	55098	2		Y	Y		
Gibbons Creek Steam Electric Station	Texas	6136	1		Y	Y		
Graham	Texas	3490	1		Y	Y		
Graham	Texas	3490	2		Y	Y		
Greens Bayou	Texas	3464	GBY5		Y	Y		
Greens Bayou	Texas	3464	GBY73		Y	Y		
Greens Bayou	Texas	3464	GBY74		Y	Y		
Greens Bayou	Texas	3464	GBY81		Y	Y		
Greens Bayou	Texas	3464	GBY82		Y	Y		
Greens Bayou	Texas	3464	GBY83		Y	Y		
Greens Bayou	Texas	3464	GBY84		Y	Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Gregory Power Facility	Texas	55086	101	3863	13,354,396	15,700,288	15,869,128	13,429,622	14,928,703
Gregory Power Facility	Texas	55086	102	3864	16,081,477	15,894,779	15,088,407	15,617,597	14,688,049
Guadalupe Generating Station	Texas	55153	CTG-1	4028	8,134,631	7,073,957	8,881,098	7,569,502	8,220,785
Guadalupe Generating Station	Texas	55153	CTG-2	4029	8,669,424	8,119,946	8,691,077	7,592,148	8,468,015
Guadalupe Generating Station	Texas	55153	CTG-3	4030	8,233,291	7,670,570	8,760,194	8,507,528	7,359,584
Guadalupe Generating Station	Texas	55153	CTG-4	4031	7,934,900	8,264,564	8,617,123	8,961,572	7,686,010
H W Pirkey Power Plant	Texas	7902	1	3360	48,459,584	52,711,961	48,753,719	35,969,947	46,802,856
Handley Generating Station	Texas	3491	3	2413	3,048,421	880,141	3,039,880	3,676,385	1,928,601
Handley Generating Station	Texas	3491	4	2414	3,285,565	1,182,826	1,611,895	1,579,102	755,228
Handley Generating Station	Texas	3491	5	2415	3,161,424	1,579,928	725,976	1,088,636	1,754,066
Hardin County Peaking Facility	Texas	56604	HCCT1	4480		8,990	4,587	59,927	356,377
Hardin County Peaking Facility	Texas	56604	HCCT2	4483	58,059	10,977	4,823	40,369	339,992
Harrington Station	Texas	6193	061B	2838	29,124,807	23,301,020	36,182,916	25,196,015	20,732,792
Harrington Station	Texas	6193	062B	2839	30,559,917	29,982,307	24,235,298	28,161,630	19,849,928
Harrington Station	Texas	6193	063B	2840	22,717,892	27,280,466	30,501,692	25,866,341	27,548,347
Harrison County Power Project	Texas	55664	GT-1	8788	4,409,784	4,147,254	2,891,092	1,416,786	5,040,252
Harrison County Power Project	Texas	55664	GT-2	8790	3,872,301	5,326,729	3,928,104	2,943,980	3,227,532
Hays Energy Project	Texas	55144	STK1	4002	7,742,101	5,475,411	9,086,513	5,740,288	4,606,505
Hays Energy Project	Texas	55144	STK2	4003	7,828,259	5,631,917	9,660,867	6,183,309	4,577,541
Hays Energy Project	Texas	55144	STK3	4004	6,969,282	7,611,267	8,921,035	7,047,578	6,364,598
Hays Energy Project	Texas	55144	STK4	4005	8,124,806	7,720,403	9,740,085	8,736,437	5,824,454
J K Spruce	Texas	7097	**1	2939	44,028,186	44,448,306	48,199,092	39,991,381	48,114,827
J K Spruce	Texas	7097	**2	2940					26,984,711
J Robert Massengale Generating Station	Texas	3604	GT1	2474	2,844,017	1,696,301	2,410,774	1,912,353	2,502,941
J T Deely	Texas	6181	1	2832	35,117,941	38,686,698	30,351,223	25,213,105	28,292,203
J T Deely	Texas	6181	2	2833	31,986,282	36,189,586	32,504,053	25,754,618	33,970,515
JCO Oxides Olefins Plant	Texas	54637	GCG1		3,274,179	3,042,605	6,846	6,582,564	

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Gregory Power Facility	Texas	55086	101	15,499,373	3,511,906,933	0.004413	279,747	279,747
Gregory Power Facility	Texas	55086	102	15,864,618	3,511,906,933	0.004517	279,747	279,747
Guadalupe Generating Station	Texas	55153	CTG-1	8,412,172	3,511,906,933	0.002395	279,747	279,747
Guadalupe Generating Station	Texas	55153	CTG-2	8,609,506	3,511,906,933	0.002452	279,747	279,747
Guadalupe Generating Station	Texas	55153	CTG-3	8,500,338	3,511,906,933	0.002420	279,747	279,747
Guadalupe Generating Station	Texas	55153	CTG-4	8,614,420	3,511,906,933	0.002453	279,747	279,747
H W Pirkey Power Plant	Texas	7902	1	49,975,088	3,511,906,933	0.014230	279,747	279,747
Handley Generating Station	Texas	3491	3	3,254,895	3,511,906,933	0.000927	279,747	279,747
Handley Generating Station	Texas	3491	4	2,158,854	3,511,906,933	0.000615	279,747	279,747
Handley Generating Station	Texas	3491	5	2,165,139	3,511,906,933	0.000617	279,747	279,747
Hardin County Peaking Facility	Texas	56604	HCCT1	141,765	3,511,906,933	0.000040	279,747	279,747
Hardin County Peaking Facility	Texas	56604	HCCT2	146,140	3,511,906,933	0.000042	279,747	279,747
Harrington Station	Texas	6193	061B	30,167,913	3,511,906,933	0.008590	279,747	279,747
Harrington Station	Texas	6193	062B	29,567,951	3,511,906,933	0.008419	279,747	279,747
Harrington Station	Texas	6193	063B	28,443,502	3,511,906,933	0.008099	279,747	279,747
Harrison County Power Project	Texas	55664	GT-1	4,532,430	3,511,906,933	0.001291	279,747	279,747
Harrison County Power Project	Texas	55664	GT-2	4,375,711	3,511,906,933	0.001246	279,747	279,747
Hays Energy Project	Texas	55144	STK1	7,522,967	3,511,906,933	0.002142	279,747	279,747
Hays Energy Project	Texas	55144	STK2	7,890,812	3,511,906,933	0.002247	279,747	279,747
Hays Energy Project	Texas	55144	STK3	7,859,960	3,511,906,933	0.002238	279,747	279,747
Hays Energy Project	Texas	55144	STK4	8,867,109	3,511,906,933	0.002525	279,747	279,747
J K Spruce	Texas	7097	**1	46,920,742	3,511,906,933	0.013360	279,747	279,747
J K Spruce	Texas	7097	**2	26,984,711	3,511,906,933	0.007684	279,747	279,747
J Robert Massengale Generating Station	Texas	3604	GT1	2,585,910	3,511,906,933	0.000736	279,747	279,747
J T Deely	Texas	6181	1	34,718,621	3,511,906,933	0.009886	279,747	279,747
J T Deely	Texas	6181	2	34,221,384	3,511,906,933	0.009744	279,747	279,747
JCO Oxides Olefins Plant	Texas	54637	GCG1	4,299,783	3,511,906,933	0.001224	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Gregory Power Facility	Texas	55086	101	129,571	129,571	1,235	1,235	572	572
Gregory Power Facility	Texas	55086	102	129,571	129,571	1,264	1,264	585	585
Guadalupe Generating Station	Texas	55153	CTG-1	129,571	129,571	670	670	310	310
Guadalupe Generating Station	Texas	55153	CTG-2	129,571	129,571	686	686	318	318
Guadalupe Generating Station	Texas	55153	CTG-3	129,571	129,571	677	677	314	314
Guadalupe Generating Station	Texas	55153	CTG-4	129,571	129,571	686	686	318	318
H W Pirkey Power Plant	Texas	7902	1	129,571	129,571	3,981	3,981	1,844	1,844
Handley Generating Station	Texas	3491	3	129,571	129,571	259	259	120	120
Handley Generating Station	Texas	3491	4	129,571	129,571	172	172	80	80
Handley Generating Station	Texas	3491	5	129,571	129,571	172	172	80	80
Hardin County Peaking Facility	Texas	56604	HCCT1	129,571	129,571	11	11	5	5
Hardin County Peaking Facility	Texas	56604	HCCT2	129,571	129,571	12	12	5	5
Harrington Station	Texas	6193	061B	129,571	129,571	2,403	2,403	1,113	1,113
Harrington Station	Texas	6193	062B	129,571	129,571	2,355	2,355	1,091	1,091
Harrington Station	Texas	6193	063B	129,571	129,571	2,266	2,266	1,049	1,049
Harrison County Power Project	Texas	55664	GT-1	129,571	129,571	361	361	167	167
Harrison County Power Project	Texas	55664	GT-2	129,571	129,571	349	349	161	161
Hays Energy Project	Texas	55144	STK1	129,571	129,571	599	599	278	278
Hays Energy Project	Texas	55144	STK2	129,571	129,571	629	629	291	291
Hays Energy Project	Texas	55144	STK3	129,571	129,571	626	626	290	290
Hays Energy Project	Texas	55144	STK4	129,571	129,571	706	706	327	327
J K Spruce	Texas	7097	**1	129,571	129,571	3,738	3,738	1,731	1,731
J K Spruce	Texas	7097	**2	129,571	129,571	2,150	2,150	996	996
J Robert Massengale Generating Station	Texas	3604	GT1	129,571	129,571	206	206	95	95
J T Deely	Texas	6181	1	129,571	129,571	2,766	2,766	1,281	1,281
J T Deely	Texas	6181	2	129,571	129,571	2,726	2,726	1,263	1,263
JCO Oxides Olefins Plant	Texas	54637	GCG1	129,571	129,571	343	343	159	159

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Gregory Power Facility	Texas	55086	101	4	5	5	4	5	5
Gregory Power Facility	Texas	55086	102	5	5	4	5	5	5
Guadalupe Generating Station	Texas	55153	CTG-1	2	3	2	2	2	3
Guadalupe Generating Station	Texas	55153	CTG-2	2	2	2	3	2	3
Guadalupe Generating Station	Texas	55153	CTG-3	2	2	3	2	2	3
Guadalupe Generating Station	Texas	55153	CTG-4	2	3	2	2	2	3
H W Pirkey Power Plant	Texas	7902	1	19,693	18,785	11,699	2,641	1,953	3,187
Handley Generating Station	Texas	3491	3	2	1	1	1	0	1
Handley Generating Station	Texas	3491	4	4	2	1	1	1	0
Handley Generating Station	Texas	3491	5	3	1	1	1	1	0
Hardin County Peaking Facility	Texas	56604	HCCT1	0		0		0	0
Hardin County Peaking Facility	Texas	56604	HCCT2	0		0	0	0	0
Harrington Station	Texas	6193	061B	10,113	8,016	7,377	7,192	5,384	6,983
Harrington Station	Texas	6193	062B	9,186	9,629	6,944	8,133	7,246	5,314
Harrington Station	Texas	6193	063B	7,833	9,863	8,203	5,911	6,561	6,838
Harrison County Power Project	Texas	55664	GT-1	0	1	0	1	1	1
Harrison County Power Project	Texas	55664	GT-2	0	1	0	1	2	1
Hays Energy Project	Texas	55144	STK1	1	0	2	2	2	3
Hays Energy Project	Texas	55144	STK2	1	0	2	2	2	3
Hays Energy Project	Texas	55144	STK3	1		2	2	2	3
Hays Energy Project	Texas	55144	STK4	2	0	2	2	2	3
J K Spruce	Texas	7097	**1	3,786	4,133	3,766	3,274	3,394	3,783
J K Spruce	Texas	7097	**2						
J Robert Massengale Generating Station	Texas	3604	GT1	0	0	1	1	1	1
J T Deely	Texas	6181	1	11,687	11,432	10,800	10,921	12,120	10,709
J T Deely	Texas	6181	2	9,896	10,999	11,074	9,896	11,416	11,366
JCO Oxides Olefins Plant	Texas	54637	GCG1		6	5		5	

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Gregory Power Facility	Texas	55086	101	4	4	5			
Gregory Power Facility	Texas	55086	102	5	4	5			
Guadalupe Generating Station	Texas	55153	CTG-1	2	2	3			
Guadalupe Generating Station	Texas	55153	CTG-2	2	3	3			
Guadalupe Generating Station	Texas	55153	CTG-3	3	2	3			
Guadalupe Generating Station	Texas	55153	CTG-4	3	2	3			
H W Pirkey Power Plant	Texas	7902	1	4,363	2,655	19,693			
Handley Generating Station	Texas	3491	3	1	1	2			
Handley Generating Station	Texas	3491	4	0	0	4			
Handley Generating Station	Texas	3491	5	0	1	3			
Hardin County Peaking Facility	Texas	56604	HCCT1	0	0	0			
Hardin County Peaking Facility	Texas	56604	HCCT2	0	0	0			
Harrington Station	Texas	6193	061B	6,941	6,327	10,113			
Harrington Station	Texas	6193	062B	8,203	5,565	9,629			
Harrington Station	Texas	6193	063B	7,006	8,424	9,863			
Harrison County Power Project	Texas	55664	GT-1	0	2	2			
Harrison County Power Project	Texas	55664	GT-2	1	1	2			
Hays Energy Project	Texas	55144	STK1	2	1	3			
Hays Energy Project	Texas	55144	STK2	2	1	3			
Hays Energy Project	Texas	55144	STK3	2	2	3			
Hays Energy Project	Texas	55144	STK4	3	2	3			
J K Spruce	Texas	7097	**1	890	1,131	4,133			
J K Spruce	Texas	7097	**2		158	158			
J Robert Massengale Generating Station	Texas	3604	GT1	1	1	1			
J T Deely	Texas	6181	1	8,419	9,671	12,120			
J T Deely	Texas	6181	2	8,624	11,539	11,539			
JCO Oxides Olefins Plant	Texas	54637	GCG1			6			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Gregory Power Facility	Texas	55086	101				272	257	236
Gregory Power Facility	Texas	55086	102				262	258	186
Guadalupe Generating Station	Texas	55153	CTG-1				120	216	279
Guadalupe Generating Station	Texas	55153	CTG-2				401	280	268
Guadalupe Generating Station	Texas	55153	CTG-3				148	425	246
Guadalupe Generating Station	Texas	55153	CTG-4				133	337	278
H W Pirkey Power Plant	Texas	7902	1				4,990	4,984	4,815
Handley Generating Station	Texas	3491	3				456	43	23
Handley Generating Station	Texas	3491	4				215	72	20
Handley Generating Station	Texas	3491	5				107	56	19
Hardin County Peaking Facility	Texas	56604	HCCT1				0		0
Hardin County Peaking Facility	Texas	56604	HCCT2				0		0
Harrington Station	Texas	6193	061B				5,149	3,822	4,294
Harrington Station	Texas	6193	062B				5,001	5,190	4,232
Harrington Station	Texas	6193	063B				4,573	5,594	5,059
Harrison County Power Project	Texas	55664	GT-1				2	19	2
Harrison County Power Project	Texas	55664	GT-2				78	16	4
Hays Energy Project	Texas	55144	STK1				44	0	41
Hays Energy Project	Texas	55144	STK2				40	1	45
Hays Energy Project	Texas	55144	STK3				35	0	61
Hays Energy Project	Texas	55144	STK4				32	0	43
J K Spruce	Texas	7097	**1				4,294	4,519	4,027
J K Spruce	Texas	7097	**2						
J Robert Massengale Generating Station	Texas	3604	GT1				30	22	56
J T Deely	Texas	6181	1				2,696	2,538	2,266
J T Deely	Texas	6181	2				2,305	2,464	2,337
JCO Oxides Olefins Plant	Texas	54637	GCG1					153	148

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Gregory Power Facility	Texas	55086	101	198	238	224	245	248	272
Gregory Power Facility	Texas	55086	102	225	224	201	220	212	262
Guadalupe Generating Station	Texas	55153	CTG-1	260	130	206	144	144	279
Guadalupe Generating Station	Texas	55153	CTG-2	198	142	221	151	162	401
Guadalupe Generating Station	Texas	55153	CTG-3	250	131	179	166	118	425
Guadalupe Generating Station	Texas	55153	CTG-4	241	146	178	156	120	337
H W Pirkey Power Plant	Texas	7902	1	4,191	4,450	4,194	3,328	3,752	4,990
Handley Generating Station	Texas	3491	3	23	5	16	21	30	456
Handley Generating Station	Texas	3491	4	18	6	9	10	6	215
Handley Generating Station	Texas	3491	5	18	9	5	8	11	107
Hardin County Peaking Facility	Texas	56604	HCCT1		0	0	4	6	6
Hardin County Peaking Facility	Texas	56604	HCCT2	2	0	0	1	5	5
Harrington Station	Texas	6193	061B	4,323	3,288	4,668	3,360	2,931	5,149
Harrington Station	Texas	6193	062B	5,014	4,624	3,093	2,124	1,609	5,190
Harrington Station	Texas	6193	063B	3,891	2,023	2,170	2,041	2,171	5,594
Harrison County Power Project	Texas	55664	GT-1	29	32	26	15	47	47
Harrison County Power Project	Texas	55664	GT-2	27	40	33	28	29	78
Hays Energy Project	Texas	55144	STK1	55	39	63	39	32	63
Hays Energy Project	Texas	55144	STK2	56	43	64	43	28	64
Hays Energy Project	Texas	55144	STK3	54	103	61	48	38	103
Hays Energy Project	Texas	55144	STK4	49	233	64	58	45	233
J K Spruce	Texas	7097	**1	3,788	2,914	3,108	2,519	2,938	4,519
J K Spruce	Texas	7097	**2					560	560
J Robert Massengale Generating Station	Texas	3604	GT1	69	39	38	40	54	69
J T Deely	Texas	6181	1	2,234	2,479	2,057	1,794	1,945	2,696
J T Deely	Texas	6181	2	2,009	2,291	2,150	1,863	2,355	2,464
JCO Oxides Olefins Plant	Texas	54637	GCG1		140				153

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Gregory Power Facility	Texas	55086	101						
Gregory Power Facility	Texas	55086	102						
Guadalupe Generating Station	Texas	55153	CTG-1						
Guadalupe Generating Station	Texas	55153	CTG-2						
Guadalupe Generating Station	Texas	55153	CTG-3						
Guadalupe Generating Station	Texas	55153	CTG-4						
H W Pirkey Power Plant	Texas	7902	1						
Handley Generating Station	Texas	3491	3						
Handley Generating Station	Texas	3491	4						
Handley Generating Station	Texas	3491	5						
Hardin County Peaking Facility	Texas	56604	HCCT1						
Hardin County Peaking Facility	Texas	56604	HCCT2						
Harrington Station	Texas	6193	061B						
Harrington Station	Texas	6193	062B						
Harrington Station	Texas	6193	063B						
Harrison County Power Project	Texas	55664	GT-1						
Harrison County Power Project	Texas	55664	GT-2						
Hays Energy Project	Texas	55144	STK1						
Hays Energy Project	Texas	55144	STK2						
Hays Energy Project	Texas	55144	STK3						
Hays Energy Project	Texas	55144	STK4						
J K Spruce	Texas	7097	**1						
J K Spruce	Texas	7097	**2						
J Robert Massengale Generating Station	Texas	3604	GT1						
J T Deely	Texas	6181	1						
J T Deely	Texas	6181	2						
JCO Oxides Olefins Plant	Texas	54637	GCG1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Gregory Power Facility	Texas	55086	101	5	5	5	5
Gregory Power Facility	Texas	55086	102	5	5	5	5
Guadalupe Generating Station	Texas	55153	CTG-1	3	3	3	3
Guadalupe Generating Station	Texas	55153	CTG-2	3	3	3	3
Guadalupe Generating Station	Texas	55153	CTG-3	3	3	3	3
Guadalupe Generating Station	Texas	55153	CTG-4	3	3	3	3
H W Pirkey Power Plant	Texas	7902	1	8,882	8,882	8,882	8,882
Handley Generating Station	Texas	3491	3	2	2	2	2
Handley Generating Station	Texas	3491	4	4	4	4	4
Handley Generating Station	Texas	3491	5	3	3	3	3
Hardin County Peaking Facility	Texas	56604	HCCT1	0	0	0	0
Hardin County Peaking Facility	Texas	56604	HCCT2	0	0	0	0
Harrington Station	Texas	6193	061B	5,361	5,361	5,361	5,361
Harrington Station	Texas	6193	062B	5,255	5,255	5,255	5,255
Harrington Station	Texas	6193	063B	5,055	5,055	5,055	5,055
Harrison County Power Project	Texas	55664	GT-1	2	2	2	2
Harrison County Power Project	Texas	55664	GT-2	2	2	2	2
Hays Energy Project	Texas	55144	STK1	3	3	3	3
Hays Energy Project	Texas	55144	STK2	3	3	3	3
Hays Energy Project	Texas	55144	STK3	3	3	3	3
Hays Energy Project	Texas	55144	STK4	3	3	3	3
J K Spruce	Texas	7097	**1	4,133	4,133	4,133	4,133
J K Spruce	Texas	7097	**2	158	158	158	158
J Robert Massengale Generating Station	Texas	3604	GT1	1	1	1	1
J T Deely	Texas	6181	1	6,170	6,170	6,170	6,170
J T Deely	Texas	6181	2	6,082	6,082	6,082	6,082
JCO Oxides Olefins Plant	Texas	54637	GCG1	6	6	6	6

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)
Gregory Power Facility	Texas	55086	101	5	5	272	272
Gregory Power Facility	Texas	55086	102	5	5	262	262
Guadalupe Generating Station	Texas	55153	CTG-1	3	3	279	279
Guadalupe Generating Station	Texas	55153	CTG-2	3	3	401	401
Guadalupe Generating Station	Texas	55153	CTG-3	3	3	425	425
Guadalupe Generating Station	Texas	55153	CTG-4	3	3	337	337
H W Pirkey Power Plant	Texas	7902	1	8,882	8,882	2,573	2,573
Handley Generating Station	Texas	3491	3	2	2	168	168
Handley Generating Station	Texas	3491	4	4	4	111	111
Handley Generating Station	Texas	3491	5	3	3	107	107
Hardin County Peaking Facility	Texas	56604	HCCT1	0	0	6	6
Hardin County Peaking Facility	Texas	56604	HCCT2	0	0	5	5
Harrington Station	Texas	6193	061B	5,361	5,361	1,554	1,554
Harrington Station	Texas	6193	062B	5,255	5,255	1,523	1,523
Harrington Station	Texas	6193	063B	5,055	5,055	1,465	1,465
Harrison County Power Project	Texas	55664	GT-1	2	2	47	47
Harrison County Power Project	Texas	55664	GT-2	2	2	78	78
Hays Energy Project	Texas	55144	STK1	3	3	63	63
Hays Energy Project	Texas	55144	STK2	3	3	64	64
Hays Energy Project	Texas	55144	STK3	3	3	103	103
Hays Energy Project	Texas	55144	STK4	3	3	233	233
J K Spruce	Texas	7097	**1	4,133	4,133	2,416	2,416
J K Spruce	Texas	7097	**2	158	158	560	560
J Robert Massengale Generating Station	Texas	3604	GT1	1	1	69	69
J T Deely	Texas	6181	1	6,170	6,170	1,788	1,788
J T Deely	Texas	6181	2	6,082	6,082	1,762	1,762
JCO Oxides Olefins Plant	Texas	54637	GCG1	6	6	153	153

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Gregory Power Facility	Texas	55086	101	272	272	272	272
Gregory Power Facility	Texas	55086	102	262	262	262	262
Guadalupe Generating Station	Texas	55153	CTG-1	279	279	279	279
Guadalupe Generating Station	Texas	55153	CTG-2	401	401	401	401
Guadalupe Generating Station	Texas	55153	CTG-3	425	425	425	425
Guadalupe Generating Station	Texas	55153	CTG-4	337	337	337	337
H W Pirkey Power Plant	Texas	7902	1	2,573	2,573	2,573	2,573
Handley Generating Station	Texas	3491	3	168	168	168	168
Handley Generating Station	Texas	3491	4	111	111	111	111
Handley Generating Station	Texas	3491	5	107	107	107	107
Hardin County Peaking Facility	Texas	56604	HCCT1	6	6	6	6
Hardin County Peaking Facility	Texas	56604	HCCT2	5	5	5	5
Harrington Station	Texas	6193	061B	1,554	1,554	1,554	1,554
Harrington Station	Texas	6193	062B	1,523	1,523	1,523	1,523
Harrington Station	Texas	6193	063B	1,465	1,465	1,465	1,465
Harrison County Power Project	Texas	55664	GT-1	47	47	47	47
Harrison County Power Project	Texas	55664	GT-2	78	78	78	78
Hays Energy Project	Texas	55144	STK1	63	63	63	63
Hays Energy Project	Texas	55144	STK2	64	64	64	64
Hays Energy Project	Texas	55144	STK3	103	103	103	103
Hays Energy Project	Texas	55144	STK4	233	233	233	233
J K Spruce	Texas	7097	**1	2,416	2,416	2,416	2,416
J K Spruce	Texas	7097	**2	560	560	560	560
J Robert Massengale Generating Station	Texas	3604	GT1	69	69	69	69
J T Deely	Texas	6181	1	1,788	1,788	1,788	1,788
J T Deely	Texas	6181	2	1,762	1,762	1,762	1,762
JCO Oxides Olefins Plant	Texas	54637	GCG1	153	153	153	153

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Gregory Power Facility	Texas	55086	101	6,595,920	6,656,600	6,836,799	6,525,130	6,221,865	6,696,440
Gregory Power Facility	Texas	55086	102	6,650,616	6,741,292	6,903,958	6,516,625	6,170,692	6,765,289
Guadalupe Generating Station	Texas	55153	CTG-1	4,286,144	3,551,808	3,939,884	3,980,393	3,640,763	4,068,807
Guadalupe Generating Station	Texas	55153	CTG-2	4,979,361	3,761,725	3,939,030	4,039,439	3,833,496	4,319,277
Guadalupe Generating Station	Texas	55153	CTG-3	4,055,610	3,646,641	3,939,884	3,816,391	3,965,758	3,987,084
Guadalupe Generating Station	Texas	55153	CTG-4	4,317,442	3,978,471	3,939,723	4,008,987	4,155,483	4,160,637
H W Pirkey Power Plant	Texas	7902	1	23,950,626	22,780,690	21,687,441	20,046,201	20,711,814	22,806,252
Handley Generating Station	Texas	3491	3	2,760,112	796,502	3,038,567	3,636,830	1,928,521	3,145,170
Handley Generating Station	Texas	3491	4	2,289,194	386,761	830,645	921,799	523,094	1,347,213
Handley Generating Station	Texas	3491	5	2,131,281	662,136	553,761	693,213	849,201	1,224,565
Hardin County Peaking Facility	Texas	56604	HCCT1		8,990	4,587		257,135	90,237
Hardin County Peaking Facility	Texas	56604	HCCT2	56,849	10,977	4,823		250,307	106,044
Harrington Station	Texas	6193	061B	11,236,139	11,751,991	15,394,017	10,769,448	8,785,861	12,794,049
Harrington Station	Texas	6193	062B	12,071,163	12,790,975	12,333,535	11,404,645	8,896,726	12,398,558
Harrington Station	Texas	6193	063B	11,644,991	10,948,100	12,898,678	11,413,814	12,127,360	12,223,677
Harrison County Power Project	Texas	55664	GT-1	3,581,017	2,944,866	2,006,424	1,149,475	2,852,272	3,126,052
Harrison County Power Project	Texas	55664	GT-2	3,105,989	3,373,356	2,374,541	1,286,953	2,105,417	2,951,295
Hays Energy Project	Texas	55144	STK1	5,093,959	4,342,912	4,940,386	3,931,563	3,994,402	4,792,419
Hays Energy Project	Texas	55144	STK2	5,096,712	3,868,070	4,975,386	3,995,616	4,062,772	4,711,623
Hays Energy Project	Texas	55144	STK3	4,212,842	4,834,212	4,883,093	4,746,672	4,423,661	4,821,326
Hays Energy Project	Texas	55144	STK4	4,920,438	4,997,438	5,125,384	4,732,087	4,140,183	5,014,420
J K Spruce	Texas	7097	**1	19,846,693	22,499,488	20,904,217	16,958,857	20,692,818	21,365,508
J K Spruce	Texas	7097	**2					22,241,829	22,241,829
J Robert Massengale Generating Station	Texas	3604	GT1	1,265,191	772,699	1,042,775	984,845	1,167,543	1,158,503
J T Deely	Texas	6181	1	16,297,190	16,540,000	16,489,191	13,478,260	14,377,808	16,442,127
J T Deely	Texas	6181	2	16,200,162	16,253,798	13,730,475	13,247,432	14,505,017	15,652,992
JCO Oxides Olefins Plant	Texas	54637	GCG1	1,507,829	994,558	3,495	3,533,272		2,011,887

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Gregory Power Facility	Texas	55086	101	1,726,255,329	0.003879	61,841	61,841	240	240
Gregory Power Facility	Texas	55086	102	1,726,255,329	0.003919	61,841	61,841	242	242
Guadalupe Generating Station	Texas	55153	CTG-1	1,726,255,329	0.002357	61,841	61,841	146	146
Guadalupe Generating Station	Texas	55153	CTG-2	1,726,255,329	0.002502	61,841	61,841	155	155
Guadalupe Generating Station	Texas	55153	CTG-3	1,726,255,329	0.002310	61,841	61,841	143	143
Guadalupe Generating Station	Texas	55153	CTG-4	1,726,255,329	0.002410	61,841	61,841	149	149
H W Pirkey Power Plant	Texas	7902	1	1,726,255,329	0.013211	61,841	61,841	817	817
Handley Generating Station	Texas	3491	3	1,726,255,329	0.001822	61,841	61,841	113	113
Handley Generating Station	Texas	3491	4	1,726,255,329	0.000780	61,841	61,841	48	48
Handley Generating Station	Texas	3491	5	1,726,255,329	0.000709	61,841	61,841	44	44
Hardin County Peaking Facility	Texas	56604	HCCT1	1,726,255,329	0.000052	61,841	61,841	3	3
Hardin County Peaking Facility	Texas	56604	HCCT2	1,726,255,329	0.000061	61,841	61,841	4	4
Harrington Station	Texas	6193	061B	1,726,255,329	0.007411	61,841	61,841	458	458
Harrington Station	Texas	6193	062B	1,726,255,329	0.007182	61,841	61,841	444	444
Harrington Station	Texas	6193	063B	1,726,255,329	0.007081	61,841	61,841	438	438
Harrison County Power Project	Texas	55664	GT-1	1,726,255,329	0.001811	61,841	61,841	112	112
Harrison County Power Project	Texas	55664	GT-2	1,726,255,329	0.001710	61,841	61,841	106	106
Hays Energy Project	Texas	55144	STK1	1,726,255,329	0.002776	61,841	61,841	172	172
Hays Energy Project	Texas	55144	STK2	1,726,255,329	0.002729	61,841	61,841	169	169
Hays Energy Project	Texas	55144	STK3	1,726,255,329	0.002793	61,841	61,841	173	173
Hays Energy Project	Texas	55144	STK4	1,726,255,329	0.002905	61,841	61,841	180	180
J K Spruce	Texas	7097	**1	1,726,255,329	0.012377	61,841	61,841	765	765
J K Spruce	Texas	7097	**2	1,726,255,329	0.012884	61,841	61,841	797	797
J Robert Massengale Generating Station	Texas	3604	GT1	1,726,255,329	0.000671	61,841	61,841	42	42
J T Deely	Texas	6181	1	1,726,255,329	0.009525	61,841	61,841	589	589
J T Deely	Texas	6181	2	1,726,255,329	0.009068	61,841	61,841	561	561
JCO Oxides Olefins Plant	Texas	54637	GCG1	1,726,255,329	0.001165	61,841	61,841	72	72

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Gregory Power Facility	Texas	55086	101	111	103	94	95	95	89
Gregory Power Facility	Texas	55086	102	96	102	91	87	91	83
Guadalupe Generating Station	Texas	55153	CTG-1	69	93	136	139	66	83
Guadalupe Generating Station	Texas	55153	CTG-2	333	122	136	99	59	89
Guadalupe Generating Station	Texas	55153	CTG-3	87	255	102	128	58	79
Guadalupe Generating Station	Texas	55153	CTG-4	66	55	135	125	65	86
H W Pirkey Power Plant	Texas	7902	1	2,274	2,105	2,242	1,990	1,945	1,935
Handley Generating Station	Texas	3491	3	345	9	21	19	5	16
Handley Generating Station	Texas	3491	4	61	46	13	12	2	4
Handley Generating Station	Texas	3491	5	51	37	14	12	4	3
Hardin County Peaking Facility	Texas	56604	HCCT1	0		0		0	0
Hardin County Peaking Facility	Texas	56604	HCCT2	0		0	2	0	0
Harrington Station	Texas	6193	061B	2,104	1,566	1,697	1,676	1,668	1,815
Harrington Station	Texas	6193	062B	2,068	2,100	1,743	2,066	1,949	1,435
Harrington Station	Texas	6193	063B	2,066	2,283	2,160	2,102	782	924
Harrison County Power Project	Texas	55664	GT-1	1	15	1	23	23	17
Harrison County Power Project	Texas	55664	GT-2	77	14	1	21	25	19
Hays Energy Project	Texas	55144	STK1	26		31	35	31	33
Hays Energy Project	Texas	55144	STK2	23		31	34	31	32
Hays Energy Project	Texas	55144	STK3	24		41	31	49	33
Hays Energy Project	Texas	55144	STK4	13		29	29	114	33
J K Spruce	Texas	7097	**1	1,990	1,877	1,797	1,741	1,425	1,332
J K Spruce	Texas	7097	**2						
J Robert Massengale Generating Station	Texas	3604	GT1	12	18	23	28	18	15
J T Deely	Texas	6181	1	1,204	1,145	1,071	1,044	1,080	1,141
J T Deely	Texas	6181	2	1,185	1,123	946	1,034	1,047	939
JCO Oxides Olefins Plant	Texas	54637	GCG1		66	76		69	

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Gregory Power Facility	Texas	55086	101	126	94	126			
Gregory Power Facility	Texas	55086	102	87	81	102			
Guadalupe Generating Station	Texas	55153	CTG-1	74	64	139			
Guadalupe Generating Station	Texas	55153	CTG-2	76	78	333			
Guadalupe Generating Station	Texas	55153	CTG-3	77	62	255			
Guadalupe Generating Station	Texas	55153	CTG-4	70	64	135			
H W Pirkey Power Plant	Texas	7902	1	1,864	1,639	2,274			
Handley Generating Station	Texas	3491	3	21	30	345			
Handley Generating Station	Texas	3491	4	6	4	61			
Handley Generating Station	Texas	3491	5	4	5	51			
Hardin County Peaking Facility	Texas	56604	HCCT1		4	4			
Hardin County Peaking Facility	Texas	56604	HCCT2		4	4			
Harrington Station	Texas	6193	061B	1,393	1,200	2,104			
Harrington Station	Texas	6193	062B	806	705	2,100			
Harrington Station	Texas	6193	063B	833	948	2,283			
Harrison County Power Project	Texas	55664	GT-1	11	25	25			
Harrison County Power Project	Texas	55664	GT-2	12	18	77			
Hays Energy Project	Texas	55144	STK1	27	26	35			
Hays Energy Project	Texas	55144	STK2	26	23	34			
Hays Energy Project	Texas	55144	STK3	31	22	49			
Hays Energy Project	Texas	55144	STK4	32	30	114			
J K Spruce	Texas	7097	**1	1,064	1,222	1,990			
J K Spruce	Texas	7097	**2		455	455			
J Robert Massengale Generating Station	Texas	3604	GT1	21	24	28			
J T Deely	Texas	6181	1	979	975	1,204			
J T Deely	Texas	6181	2	959	984	1,185			
JCO Oxides Olefins Plant	Texas	54637	GCG1			76			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reappportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reappportionment if BV < (CF and CH))
Gregory Power Facility	Texas	55086	101				126	126
Gregory Power Facility	Texas	55086	102				102	102
Guadalupe Generating Station	Texas	55153	CTG-1				139	139
Guadalupe Generating Station	Texas	55153	CTG-2				224	224
Guadalupe Generating Station	Texas	55153	CTG-3				207	207
Guadalupe Generating Station	Texas	55153	CTG-4				135	135
H W Pirkey Power Plant	Texas	7902	1				1,181	1,181
Handley Generating Station	Texas	3491	3				163	163
Handley Generating Station	Texas	3491	4				61	61
Handley Generating Station	Texas	3491	5				51	51
Hardin County Peaking Facility	Texas	56604	HCCT1				4	4
Hardin County Peaking Facility	Texas	56604	HCCT2				4	4
Harrington Station	Texas	6193	061B				663	663
Harrington Station	Texas	6193	062B				642	642
Harrington Station	Texas	6193	063B				633	633
Harrison County Power Project	Texas	55664	GT-1				25	25
Harrison County Power Project	Texas	55664	GT-2				77	77
Hays Energy Project	Texas	55144	STK1				35	35
Hays Energy Project	Texas	55144	STK2				34	34
Hays Energy Project	Texas	55144	STK3				49	49
Hays Energy Project	Texas	55144	STK4				114	114
J K Spruce	Texas	7097	**1				1,107	1,107
J K Spruce	Texas	7097	**2				455	455
J Robert Massengale Generating Station	Texas	3604	GT1				28	28
J T Deely	Texas	6181	1				852	852
J T Deely	Texas	6181	2				811	811
JCO Oxides Olefins Plant	Texas	54637	GCG1				76	76

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Gregory Power Facility	Texas	55086	101	126	126	126	126	Y
Gregory Power Facility	Texas	55086	102	102	102	102	102	Y
Guadalupe Generating Station	Texas	55153	CTG-1	139	139	139	139	Y
Guadalupe Generating Station	Texas	55153	CTG-2	224	224	224	224	Y
Guadalupe Generating Station	Texas	55153	CTG-3	207	207	207	207	Y
Guadalupe Generating Station	Texas	55153	CTG-4	135	135	135	135	Y
H W Pirkey Power Plant	Texas	7902	1	1,181	1,181	1,181	1,181	Y
Handley Generating Station	Texas	3491	3	163	163	163	163	Y
Handley Generating Station	Texas	3491	4	61	61	61	61	Y
Handley Generating Station	Texas	3491	5	51	51	51	51	Y
Hardin County Peaking Facility	Texas	56604	HCCT1	4	4	4	4	Y
Hardin County Peaking Facility	Texas	56604	HCCT2	4	4	4	4	Y
Harrington Station	Texas	6193	061B	663	663	663	663	Y
Harrington Station	Texas	6193	062B	642	642	642	642	Y
Harrington Station	Texas	6193	063B	633	633	633	633	Y
Harrison County Power Project	Texas	55664	GT-1	25	25	25	25	Y
Harrison County Power Project	Texas	55664	GT-2	77	77	77	77	Y
Hays Energy Project	Texas	55144	STK1	35	35	35	35	Y
Hays Energy Project	Texas	55144	STK2	34	34	34	34	Y
Hays Energy Project	Texas	55144	STK3	49	49	49	49	Y
Hays Energy Project	Texas	55144	STK4	114	114	114	114	Y
J K Spruce	Texas	7097	**1	1,107	1,107	1,107	1,107	Y
J K Spruce	Texas	7097	**2	455	455	455	455	Y
J Robert Massengale Generating Station	Texas	3604	GT1	28	28	28	28	Y
J T Deely	Texas	6181	1	852	852	852	852	Y
J T Deely	Texas	6181	2	811	811	811	811	Y
JCO Oxides Olefins Plant	Texas	54637	GCG1	76	76	76	76	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Gregory Power Facility	Texas	55086	101		Y	Y		
Gregory Power Facility	Texas	55086	102		Y	Y		
Guadalupe Generating Station	Texas	55153	CTG-1		Y	Y		
Guadalupe Generating Station	Texas	55153	CTG-2		Y	Y		
Guadalupe Generating Station	Texas	55153	CTG-3		Y	Y		
Guadalupe Generating Station	Texas	55153	CTG-4		Y	Y		
H W Pirkey Power Plant	Texas	7902	1		Y	Y		
Handley Generating Station	Texas	3491	3		Y	Y		
Handley Generating Station	Texas	3491	4		Y	Y		
Handley Generating Station	Texas	3491	5		Y	Y		
Hardin County Peaking Facility	Texas	56604	HCCT1		Y	Y		
Hardin County Peaking Facility	Texas	56604	HCCT2		Y	Y		
Harrington Station	Texas	6193	061B		Y	Y		
Harrington Station	Texas	6193	062B		Y	Y		
Harrington Station	Texas	6193	063B		Y	Y		
Harrison County Power Project	Texas	55664	GT-1		Y	Y		
Harrison County Power Project	Texas	55664	GT-2		Y	Y		
Hays Energy Project	Texas	55144	STK1		Y	Y		
Hays Energy Project	Texas	55144	STK2		Y	Y		
Hays Energy Project	Texas	55144	STK3		Y	Y		
Hays Energy Project	Texas	55144	STK4		Y	Y		
J K Spruce	Texas	7097	**1		Y	Y		
J K Spruce	Texas	7097	**2		Y	Y		
J Robert Massengale Generating Station	Texas	3604	GT1		Y	Y		
J T Deely	Texas	6181	1		Y	Y		
J T Deely	Texas	6181	2		Y	Y		
JCO Oxides Olefins Plant	Texas	54637	GCG1		Y	Y	Y	

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
JCO Oxides Olefins Plant	Texas	54637	GCG2		3,274,179	3,042,605	6,846	6,582,564	
Jack County Generation Facility	Texas	55230	CT-1	4236	11,306,155	13,040,403	9,985,624	11,710,185	11,122,115
Jack County Generation Facility	Texas	55230	CT-2	4237	12,550,506	12,936,358	12,231,716	11,941,976	11,341,758
Johnson County Generation Facility	Texas	54817	EAST	3804	3,925,931	10,807,457	11,812,980	10,058,252	11,477,720
Jones Station	Texas	3482	151B	2394	11,871,954	9,832,300	8,403,755	9,523,017	7,947,328
Jones Station	Texas	3482	152B	2395	12,885,787	10,027,778	7,433,370	9,367,941	10,255,677
Knox Lee Power Plant	Texas	3476	2	2385	145,958	42,119	30,613	21,265	80,301
Knox Lee Power Plant	Texas	3476	3	2386	198,256	21,232	42,464	14,970	68,916
Knox Lee Power Plant	Texas	3476	4	2387	230,636	195,400	248,470	128,276	63,765
Knox Lee Power Plant	Texas	3476	5	2388	5,508,014	4,044,501	3,180,452	3,878,275	4,295,625
Lake Creek	Texas	3502	1	2426	126,989	52,800	52,628	89,728	
Lake Creek	Texas	3502	2	2427	1,188,949	805,552	925,785	639,157	
Lake Hubbard	Texas	3452	1	2313	1,992,311	2,160,694	2,290,465	1,112,162	848,979
Lake Hubbard	Texas	3452	2	2314	4,321,860	4,783,955	7,608,464	4,448,335	3,114,232
Lamar Power (Paris)	Texas	55097	1	3879	8,358,892	7,335,595	6,984,761	9,706,898	6,223,288
Lamar Power (Paris)	Texas	55097	2	3880	8,417,090	7,772,480	6,637,287	9,084,254	6,186,232
Lamar Power (Paris)	Texas	55097	3	3881	7,931,161	9,683,557	6,655,639	9,001,613	6,367,987
Lamar Power (Paris)	Texas	55097	4	3882	8,825,823	9,177,111	6,892,173	9,383,636	6,832,795
Laredo	Texas	3439	4	90196			951,527	1,892,846	615,600
Laredo	Texas	3439	5	90197			577,365	1,761,942	546,497
Leon Creek	Texas	3609	3	2476	66,376	27,491	86,436	38,361	
Leon Creek	Texas	3609	4	2477		38,781	209,758	101,229	
Leon Creek	Texas	3609	CGT1	89297	376,231	308,615	353,785	235,289	137,977
Leon Creek	Texas	3609	CGT2	89298	375,051	331,240	372,260	267,164	17,363
Leon Creek	Texas	3609	CGT3	89299	383,431	308,761	327,811	276,992	154,140
Leon Creek	Texas	3609	CGT4	89300	353,630	304,247	331,492	379,877	188,136
Lewis Creek	Texas	3457	1	2332	9,272,929	10,125,902	11,939,497	10,333,841	10,721,885

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
JCO Oxides Olefins Plant	Texas	54637	GCG2	4,299,783	3,511,906,933	0.001224	279,747	279,747
Jack County Generation Facility	Texas	55230	CT-1	12,018,915	3,511,906,933	0.003422	279,747	279,747
Jack County Generation Facility	Texas	55230	CT-2	12,572,860	3,511,906,933	0.003580	279,747	279,747
Johnson County Generation Facility	Texas	54817	EAST	11,366,052	3,511,906,933	0.003236	279,747	279,747
Jones Station	Texas	3482	151B	10,409,090	3,511,906,933	0.002964	279,747	279,747
Jones Station	Texas	3482	152B	11,056,414	3,511,906,933	0.003148	279,747	279,747
Knox Lee Power Plant	Texas	3476	2	89,459	3,511,906,933	0.000025	279,747	279,747
Knox Lee Power Plant	Texas	3476	3	103,212	3,511,906,933	0.000029	279,747	279,747
Knox Lee Power Plant	Texas	3476	4	224,836	3,511,906,933	0.000064	279,747	279,747
Knox Lee Power Plant	Texas	3476	5	4,616,046	3,511,906,933	0.001314	279,747	279,747
Lake Creek	Texas	3502	1	89,839	3,511,906,933	0.000026	279,747	279,747
Lake Creek	Texas	3502	2	973,429	3,511,906,933	0.000277	279,747	279,747
Lake Hubbard	Texas	3452	1	2,147,823	3,511,906,933	0.000612	279,747	279,747
Lake Hubbard	Texas	3452	2	5,613,585	3,511,906,933	0.001598	279,747	279,747
Lamar Power (Paris)	Texas	55097	1	8,467,128	3,511,906,933	0.002411	279,747	279,747
Lamar Power (Paris)	Texas	55097	2	8,424,608	3,511,906,933	0.002399	279,747	279,747
Lamar Power (Paris)	Texas	55097	3	8,872,111	3,511,906,933	0.002526	279,747	279,747
Lamar Power (Paris)	Texas	55097	4	9,128,856	3,511,906,933	0.002599	279,747	279,747
Laredo	Texas	3439	4	1,153,325	3,511,906,933	0.000328	279,747	279,747
Laredo	Texas	3439	5	961,935	3,511,906,933	0.000274	279,747	279,747
Leon Creek	Texas	3609	3	63,725	3,511,906,933	0.000018	279,747	279,747
Leon Creek	Texas	3609	4	116,589	3,511,906,933	0.000033	279,747	279,747
Leon Creek	Texas	3609	CGT1	346,210	3,511,906,933	0.000099	279,747	279,747
Leon Creek	Texas	3609	CGT2	359,517	3,511,906,933	0.000102	279,747	279,747
Leon Creek	Texas	3609	CGT3	340,001	3,511,906,933	0.000097	279,747	279,747
Leon Creek	Texas	3609	CGT4	355,000	3,511,906,933	0.000101	279,747	279,747
Lewis Creek	Texas	3457	1	10,998,408	3,511,906,933	0.003132	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
JCO Oxides Olefins Plant	Texas	54637	GCG2	129,571	129,571	343	343	159	159
Jack County Generation Facility	Texas	55230	CT-1	129,571	129,571	957	957	443	443
Jack County Generation Facility	Texas	55230	CT-2	129,571	129,571	1,002	1,002	464	464
Johnson County Generation Facility	Texas	54817	EAST	129,571	129,571	905	905	419	419
Jones Station	Texas	3482	151B	129,571	129,571	829	829	384	384
Jones Station	Texas	3482	152B	129,571	129,571	881	881	408	408
Knox Lee Power Plant	Texas	3476	2	129,571	129,571	7	7	3	3
Knox Lee Power Plant	Texas	3476	3	129,571	129,571	8	8	4	4
Knox Lee Power Plant	Texas	3476	4	129,571	129,571	18	18	8	8
Knox Lee Power Plant	Texas	3476	5	129,571	129,571	368	368	170	170
Lake Creek	Texas	3502	1	129,571	129,571	7	7	3	3
Lake Creek	Texas	3502	2	129,571	129,571	78	78	36	36
Lake Hubbard	Texas	3452	1	129,571	129,571	171	171	79	79
Lake Hubbard	Texas	3452	2	129,571	129,571	447	447	207	207
Lamar Power (Paris)	Texas	55097	1	129,571	129,571	674	674	312	312
Lamar Power (Paris)	Texas	55097	2	129,571	129,571	671	671	311	311
Lamar Power (Paris)	Texas	55097	3	129,571	129,571	707	707	327	327
Lamar Power (Paris)	Texas	55097	4	129,571	129,571	727	727	337	337
Laredo	Texas	3439	4	129,571	129,571	92	92	43	43
Laredo	Texas	3439	5	129,571	129,571	77	77	35	35
Leon Creek	Texas	3609	3	129,571	129,571	5	5	2	2
Leon Creek	Texas	3609	4	129,571	129,571	9	9	4	4
Leon Creek	Texas	3609	CGT1	129,571	129,571	28	28	13	13
Leon Creek	Texas	3609	CGT2	129,571	129,571	29	29	13	13
Leon Creek	Texas	3609	CGT3	129,571	129,571	27	27	13	13
Leon Creek	Texas	3609	CGT4	129,571	129,571	28	28	13	13
Lewis Creek	Texas	3457	1	129,571	129,571	876	876	406	406

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
JCO Oxides Olefins Plant	Texas	54637	GCG2		6	5		5	
Jack County Generation Facility	Texas	55230	CT-1			0	3	4	3
Jack County Generation Facility	Texas	55230	CT-2			0	4	4	4
Johnson County Generation Facility	Texas	54817	EAST	6	4	1	1	3	4
Jones Station	Texas	3482	151B	3	3	4	4	3	3
Jones Station	Texas	3482	152B	7	4	3	4	3	2
Knox Lee Power Plant	Texas	3476	2			0	0	0	0
Knox Lee Power Plant	Texas	3476	3			0	0	0	0
Knox Lee Power Plant	Texas	3476	4	0	0	0	0	0	0
Knox Lee Power Plant	Texas	3476	5	89	47	31	65	1	1
Lake Creek	Texas	3502	1	0		0	0	0	0
Lake Creek	Texas	3502	2	0	0	0	0	0	0
Lake Hubbard	Texas	3452	1	22	1	3	1	1	1
Lake Hubbard	Texas	3452	2	24	3	1	4	7	2
Lamar Power (Paris)	Texas	55097	1	2	2	2	3	2	2
Lamar Power (Paris)	Texas	55097	2	2	2	2	3	2	2
Lamar Power (Paris)	Texas	55097	3	2	2	2	2	3	2
Lamar Power (Paris)	Texas	55097	4	2	2	2	3	3	2
Laredo	Texas	3439	4						0
Laredo	Texas	3439	5						0
Leon Creek	Texas	3609	3			0	0	0	0
Leon Creek	Texas	3609	4					0	0
Leon Creek	Texas	3609	CGT1		0	0	0	0	0
Leon Creek	Texas	3609	CGT2		0	0	0	0	0
Leon Creek	Texas	3609	CGT3		0	0	0	0	0
Leon Creek	Texas	3609	CGT4		0	0	0	0	0
Lewis Creek	Texas	3457	1	4	3	3	3	3	4

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
JCO Oxides Olefins Plant	Texas	54637	GCG2			6			
Jack County Generation Facility	Texas	55230	CT-1	4	3	4			
Jack County Generation Facility	Texas	55230	CT-2	4	3	4			
Johnson County Generation Facility	Texas	54817	EAST	3	3	6			
Jones Station	Texas	3482	151B	3	2	4			
Jones Station	Texas	3482	152B	3	3	7			
Knox Lee Power Plant	Texas	3476	2	0	0	0			
Knox Lee Power Plant	Texas	3476	3	0	0	0			
Knox Lee Power Plant	Texas	3476	4	0	0	0			
Knox Lee Power Plant	Texas	3476	5	1	1	89			
Lake Creek	Texas	3502	1	0		0			
Lake Creek	Texas	3502	2	0		0			
Lake Hubbard	Texas	3452	1	0	0	22			
Lake Hubbard	Texas	3452	2	2	5	24			
Lamar Power (Paris)	Texas	55097	1	3	2	3			
Lamar Power (Paris)	Texas	55097	2	3	2	3			
Lamar Power (Paris)	Texas	55097	3	3	2	3			
Lamar Power (Paris)	Texas	55097	4	3	2	3			
Laredo	Texas	3439	4	1	0	1			
Laredo	Texas	3439	5	1	0	1			
Leon Creek	Texas	3609	3	0		0			
Leon Creek	Texas	3609	4	0		0			
Leon Creek	Texas	3609	CGT1	0	0	0			
Leon Creek	Texas	3609	CGT2	0	0	0			
Leon Creek	Texas	3609	CGT3	0	0	0			
Leon Creek	Texas	3609	CGT4	0	0	0			
Lewis Creek	Texas	3457	1	3	3	4			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
JCO Oxides Olefins Plant	Texas	54637	GCG2					153	148
Jack County Generation Facility	Texas	55230	CT-1						50
Jack County Generation Facility	Texas	55230	CT-2						37
Johnson County Generation Facility	Texas	54817	EAST				200	215	66
Jones Station	Texas	3482	151B				862	626	766
Jones Station	Texas	3482	152B				674	599	528
Knox Lee Power Plant	Texas	3476	2					0	5
Knox Lee Power Plant	Texas	3476	3					0	10
Knox Lee Power Plant	Texas	3476	4				29	30	54
Knox Lee Power Plant	Texas	3476	5				502	319	477
Lake Creek	Texas	3502	1				8		3
Lake Creek	Texas	3502	2				110	107	108
Lake Hubbard	Texas	3452	1				360	117	158
Lake Hubbard	Texas	3452	2				124	41	23
Lamar Power (Paris)	Texas	55097	1				111	107	153
Lamar Power (Paris)	Texas	55097	2				113	104	135
Lamar Power (Paris)	Texas	55097	3				111	105	137
Lamar Power (Paris)	Texas	55097	4				119	110	178
Laredo	Texas	3439	4						
Laredo	Texas	3439	5						
Leon Creek	Texas	3609	3				0		3
Leon Creek	Texas	3609	4						
Leon Creek	Texas	3609	CGT1					5	7
Leon Creek	Texas	3609	CGT2					5	6
Leon Creek	Texas	3609	CGT3					5	6
Leon Creek	Texas	3609	CGT4					5	6
Lewis Creek	Texas	3457	1				304	149	103

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
JCO Oxides Olefins Plant	Texas	54637	GCG2		140				153
Jack County Generation Facility	Texas	55230	CT-1	114	101	81	92	95	114
Jack County Generation Facility	Texas	55230	CT-2	123	104	98	97	115	123
Johnson County Generation Facility	Texas	54817	EAST	88	176	184	167	189	215
Jones Station	Texas	3482	151B	706	553	435	536	451	862
Jones Station	Texas	3482	152B	598	447	302	385	428	674
Knox Lee Power Plant	Texas	3476	2	6	2	1	1	3	6
Knox Lee Power Plant	Texas	3476	3	12	1	3	1	4	12
Knox Lee Power Plant	Texas	3476	4	46	29	32	20	8	54
Knox Lee Power Plant	Texas	3476	5	437	284	228	338	344	502
Lake Creek	Texas	3502	1	15	5	5	4		15
Lake Creek	Texas	3502	2	147	93	110	58		147
Lake Hubbard	Texas	3452	1	124	141	157	68	57	360
Lake Hubbard	Texas	3452	2	23	40	42	27	18	124
Lamar Power (Paris)	Texas	55097	1	157	113	109	149	99	157
Lamar Power (Paris)	Texas	55097	2	159	124	102	135	88	159
Lamar Power (Paris)	Texas	55097	3	140	153	121	150	110	153
Lamar Power (Paris)	Texas	55097	4	166	151	118	145	106	178
Laredo	Texas	3439	4			5	11	4	11
Laredo	Texas	3439	5			4	11	3	11
Leon Creek	Texas	3609	3	5	2	7	3		7
Leon Creek	Texas	3609	4		22	39	13		39
Leon Creek	Texas	3609	CGT1	4	3	4	2	2	7
Leon Creek	Texas	3609	CGT2	4	3	4	3	0	6
Leon Creek	Texas	3609	CGT3	4	4	4	3	2	6
Leon Creek	Texas	3609	CGT4	3	3	3	3	2	6
Lewis Creek	Texas	3457	1	94	117	131	102	100	304

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
JCO Oxides Olefins Plant	Texas	54637	GCG2						
Jack County Generation Facility	Texas	55230	CT-1						
Jack County Generation Facility	Texas	55230	CT-2						
Johnson County Generation Facility	Texas	54817	EAST						
Jones Station	Texas	3482	151B						
Jones Station	Texas	3482	152B						
Knox Lee Power Plant	Texas	3476	2						
Knox Lee Power Plant	Texas	3476	3						
Knox Lee Power Plant	Texas	3476	4						
Knox Lee Power Plant	Texas	3476	5						
Lake Creek	Texas	3502	1						
Lake Creek	Texas	3502	2						
Lake Hubbard	Texas	3452	1						
Lake Hubbard	Texas	3452	2						
Lamar Power (Paris)	Texas	55097	1						
Lamar Power (Paris)	Texas	55097	2						
Lamar Power (Paris)	Texas	55097	3						
Lamar Power (Paris)	Texas	55097	4						
Laredo	Texas	3439	4						
Laredo	Texas	3439	5						
Leon Creek	Texas	3609	3						
Leon Creek	Texas	3609	4						
Leon Creek	Texas	3609	CGT1						
Leon Creek	Texas	3609	CGT2						
Leon Creek	Texas	3609	CGT3						
Leon Creek	Texas	3609	CGT4						
Lewis Creek	Texas	3457	1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
JCO Oxides Olefins Plant	Texas	54637	GCG2	6	6	6	6
Jack County Generation Facility	Texas	55230	CT-1	4	4	4	4
Jack County Generation Facility	Texas	55230	CT-2	4	4	4	4
Johnson County Generation Facility	Texas	54817	EAST	6	6	6	6
Jones Station	Texas	3482	151B	4	4	4	4
Jones Station	Texas	3482	152B	7	7	7	7
Knox Lee Power Plant	Texas	3476	2	0	0	0	0
Knox Lee Power Plant	Texas	3476	3	0	0	0	0
Knox Lee Power Plant	Texas	3476	4	0	0	0	0
Knox Lee Power Plant	Texas	3476	5	89	89	89	89
Lake Creek	Texas	3502	1	0	0	0	0
Lake Creek	Texas	3502	2	0	0	0	0
Lake Hubbard	Texas	3452	1	22	22	22	22
Lake Hubbard	Texas	3452	2	24	24	24	24
Lamar Power (Paris)	Texas	55097	1	3	3	3	3
Lamar Power (Paris)	Texas	55097	2	3	3	3	3
Lamar Power (Paris)	Texas	55097	3	3	3	3	3
Lamar Power (Paris)	Texas	55097	4	3	3	3	3
Laredo	Texas	3439	4	1	1	1	1
Laredo	Texas	3439	5	1	1	1	1
Leon Creek	Texas	3609	3	0	0	0	0
Leon Creek	Texas	3609	4	0	0	0	0
Leon Creek	Texas	3609	CGT1	0	0	0	0
Leon Creek	Texas	3609	CGT2	0	0	0	0
Leon Creek	Texas	3609	CGT3	0	0	0	0
Leon Creek	Texas	3609	CGT4	0	0	0	0
Lewis Creek	Texas	3457	1	4	4	4	4

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
JCO Oxides Olefins Plant	Texas	54637	GCG2	6	6	153	153
Jack County Generation Facility	Texas	55230	CT-1	4	4	114	114
Jack County Generation Facility	Texas	55230	CT-2	4	4	123	123
Johnson County Generation Facility	Texas	54817	EAST	6	6	215	215
Jones Station	Texas	3482	151B	4	4	536	536
Jones Station	Texas	3482	152B	7	7	569	569
Knox Lee Power Plant	Texas	3476	2	0	0	5	5
Knox Lee Power Plant	Texas	3476	3	0	0	5	5
Knox Lee Power Plant	Texas	3476	4	0	0	12	12
Knox Lee Power Plant	Texas	3476	5	89	89	238	238
Lake Creek	Texas	3502	1	0	0	5	5
Lake Creek	Texas	3502	2	0	0	50	50
Lake Hubbard	Texas	3452	1	22	22	111	111
Lake Hubbard	Texas	3452	2	24	24	124	124
Lamar Power (Paris)	Texas	55097	1	3	3	157	157
Lamar Power (Paris)	Texas	55097	2	3	3	159	159
Lamar Power (Paris)	Texas	55097	3	3	3	153	153
Lamar Power (Paris)	Texas	55097	4	3	3	178	178
Laredo	Texas	3439	4	1	1	11	11
Laredo	Texas	3439	5	1	1	11	11
Leon Creek	Texas	3609	3	0	0	3	3
Leon Creek	Texas	3609	4	0	0	6	6
Leon Creek	Texas	3609	CGT1	0	0	7	7
Leon Creek	Texas	3609	CGT2	0	0	6	6
Leon Creek	Texas	3609	CGT3	0	0	6	6
Leon Creek	Texas	3609	CGT4	0	0	6	6
Lewis Creek	Texas	3457	1	4	4	304	304

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
JCO Oxides Olefins Plant	Texas	54637	GCG2	153	153	153	153
Jack County Generation Facility	Texas	55230	CT-1	114	114	114	114
Jack County Generation Facility	Texas	55230	CT-2	123	123	123	123
Johnson County Generation Facility	Texas	54817	EAST	215	215	215	215
Jones Station	Texas	3482	151B	536	536	536	536
Jones Station	Texas	3482	152B	569	569	569	569
Knox Lee Power Plant	Texas	3476	2	5	5	5	5
Knox Lee Power Plant	Texas	3476	3	5	5	5	5
Knox Lee Power Plant	Texas	3476	4	12	12	12	12
Knox Lee Power Plant	Texas	3476	5	238	238	238	238
Lake Creek	Texas	3502	1	5	5	5	5
Lake Creek	Texas	3502	2	50	50	50	50
Lake Hubbard	Texas	3452	1	111	111	111	111
Lake Hubbard	Texas	3452	2	124	124	124	124
Lamar Power (Paris)	Texas	55097	1	157	157	157	157
Lamar Power (Paris)	Texas	55097	2	159	159	159	159
Lamar Power (Paris)	Texas	55097	3	153	153	153	153
Lamar Power (Paris)	Texas	55097	4	178	178	178	178
Laredo	Texas	3439	4	11	11	11	11
Laredo	Texas	3439	5	11	11	11	11
Leon Creek	Texas	3609	3	3	3	3	3
Leon Creek	Texas	3609	4	6	6	6	6
Leon Creek	Texas	3609	CGT1	7	7	7	7
Leon Creek	Texas	3609	CGT2	6	6	6	6
Leon Creek	Texas	3609	CGT3	6	6	6	6
Leon Creek	Texas	3609	CGT4	6	6	6	6
Lewis Creek	Texas	3457	1	304	304	304	304

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
JCO Oxides Olefins Plant	Texas	54637	GCG2	1,507,829	994,558	3,495	3,533,272		2,011,887
Jack County Generation Facility	Texas	55230	CT-1	4,684,136	5,927,693	3,545,731	5,770,338	5,741,114	5,813,048
Jack County Generation Facility	Texas	55230	CT-2	6,001,628	5,805,501	5,901,311	5,966,386	5,888,549	5,956,442
Johnson County Generation Facility	Texas	54817	EAST	1,146,310	5,145,007	4,783,644	5,210,396	5,244,967	5,200,123
Jones Station	Texas	3482	151B	5,785,830	4,367,221	3,933,616	5,122,268	3,614,024	5,091,773
Jones Station	Texas	3482	152B	5,775,804	4,460,395	3,482,553	4,642,327	5,200,021	5,206,051
Knox Lee Power Plant	Texas	3476	2	129,967	42,118	30,613	8,160	62,190	78,092
Knox Lee Power Plant	Texas	3476	3	178,663	19,510	42,464	3,197	68,660	96,596
Knox Lee Power Plant	Texas	3476	4	121,756	119,903	110,394	54,438	51,828	117,351
Knox Lee Power Plant	Texas	3476	5	3,014,928	1,535,737	1,998,661	1,769,262	2,172,365	2,395,318
Lake Creek	Texas	3502	1	126,374	50,521	49,064	87,826		88,240
Lake Creek	Texas	3502	2	1,031,545	561,208	806,587	504,621		799,780
Lake Hubbard	Texas	3452	1	1,670,249	1,257,976	1,760,379	912,619	570,819	1,562,868
Lake Hubbard	Texas	3452	2	3,033,421	3,142,041	4,441,500	2,906,619	2,132,754	3,538,987
Lamar Power (Paris)	Texas	55097	1	4,625,971	3,717,695	4,072,331	5,273,046	3,478,704	4,657,116
Lamar Power (Paris)	Texas	55097	2	4,710,490	4,041,829	4,101,886	5,173,270	2,973,226	4,661,882
Lamar Power (Paris)	Texas	55097	3	4,387,911	4,632,844	4,006,279	4,620,215	2,873,128	4,546,990
Lamar Power (Paris)	Texas	55097	4	4,536,227	4,590,030	4,034,816	4,730,262	2,867,378	4,618,840
Laredo	Texas	3439	4			545,972	1,119,466	317,321	660,920
Laredo	Texas	3439	5			257,805	1,103,391	260,769	540,655
Leon Creek	Texas	3609	3	51,987	11,595	80,050	38,361		56,799
Leon Creek	Texas	3609	4		29,328	195,994	100,717		108,679
Leon Creek	Texas	3609	CGT1	181,570	159,841	255,444	164,628	92,484	200,547
Leon Creek	Texas	3609	CGT2	197,386	169,504	274,207	194,708	174	222,100
Leon Creek	Texas	3609	CGT3	193,179	160,684	191,957	177,043	103,627	187,393
Leon Creek	Texas	3609	CGT4	189,276	162,277	221,230	279,253	118,859	229,920
Lewis Creek	Texas	3457	1	4,886,127	4,681,578	5,531,103	5,901,161	5,752,922	5,728,395

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
JCO Oxides Olefins Plant	Texas	54637	GCG2	1,726,255,329	0.001165	61,841	61,841	72	72
Jack County Generation Facility	Texas	55230	CT-1	1,726,255,329	0.003367	61,841	61,841	208	208
Jack County Generation Facility	Texas	55230	CT-2	1,726,255,329	0.003450	61,841	61,841	213	213
Johnson County Generation Facility	Texas	54817	EAST	1,726,255,329	0.003012	61,841	61,841	186	186
Jones Station	Texas	3482	151B	1,726,255,329	0.002950	61,841	61,841	182	182
Jones Station	Texas	3482	152B	1,726,255,329	0.003016	61,841	61,841	187	187
Knox Lee Power Plant	Texas	3476	2	1,726,255,329	0.000045	61,841	61,841	3	3
Knox Lee Power Plant	Texas	3476	3	1,726,255,329	0.000056	61,841	61,841	3	3
Knox Lee Power Plant	Texas	3476	4	1,726,255,329	0.000068	61,841	61,841	4	4
Knox Lee Power Plant	Texas	3476	5	1,726,255,329	0.001388	61,841	61,841	86	86
Lake Creek	Texas	3502	1	1,726,255,329	0.000051	61,841	61,841	3	3
Lake Creek	Texas	3502	2	1,726,255,329	0.000463	61,841	61,841	29	29
Lake Hubbard	Texas	3452	1	1,726,255,329	0.000905	61,841	61,841	56	56
Lake Hubbard	Texas	3452	2	1,726,255,329	0.002050	61,841	61,841	127	127
Lamar Power (Paris)	Texas	55097	1	1,726,255,329	0.002698	61,841	61,841	167	167
Lamar Power (Paris)	Texas	55097	2	1,726,255,329	0.002701	61,841	61,841	167	167
Lamar Power (Paris)	Texas	55097	3	1,726,255,329	0.002634	61,841	61,841	163	163
Lamar Power (Paris)	Texas	55097	4	1,726,255,329	0.002676	61,841	61,841	165	165
Laredo	Texas	3439	4	1,726,255,329	0.000383	61,841	61,841	24	24
Laredo	Texas	3439	5	1,726,255,329	0.000313	61,841	61,841	19	19
Leon Creek	Texas	3609	3	1,726,255,329	0.000033	61,841	61,841	2	2
Leon Creek	Texas	3609	4	1,726,255,329	0.000063	61,841	61,841	4	4
Leon Creek	Texas	3609	CGT1	1,726,255,329	0.000116	61,841	61,841	7	7
Leon Creek	Texas	3609	CGT2	1,726,255,329	0.000129	61,841	61,841	8	8
Leon Creek	Texas	3609	CGT3	1,726,255,329	0.000109	61,841	61,841	7	7
Leon Creek	Texas	3609	CGT4	1,726,255,329	0.000133	61,841	61,841	8	8
Lewis Creek	Texas	3457	1	1,726,255,329	0.003318	61,841	61,841	205	205

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
JCO Oxides Olefins Plant	Texas	54637	GCG2		66	76		69	
Jack County Generation Facility	Texas	55230	CT-1				39	42	28
Jack County Generation Facility	Texas	55230	CT-2				54	42	46
Johnson County Generation Facility	Texas	54817	EAST	93	92	0	30	83	74
Jones Station	Texas	3482	151B	478	287	352	352	247	206
Jones Station	Texas	3482	152B	306	256	283	261	188	131
Knox Lee Power Plant	Texas	3476	2		0	4	5	2	1
Knox Lee Power Plant	Texas	3476	3		0	9	11	1	3
Knox Lee Power Plant	Texas	3476	4	18	10	44	26	18	13
Knox Lee Power Plant	Texas	3476	5	291	151	339	233	104	157
Lake Creek	Texas	3502	1	7			15	5	5
Lake Creek	Texas	3502	2	82	90	89	128	66	99
Lake Hubbard	Texas	3452	1	150	95	93	104	80	124
Lake Hubbard	Texas	3452	2	40	14	15	14	17	22
Lamar Power (Paris)	Texas	55097	1	55	62	75	77	54	59
Lamar Power (Paris)	Texas	55097	2	55	55	65	88	62	59
Lamar Power (Paris)	Texas	55097	3	51	57	65	71	71	65
Lamar Power (Paris)	Texas	55097	4	59	58	82	78	73	65
Laredo	Texas	3439	4						3
Laredo	Texas	3439	5						2
Leon Creek	Texas	3609	3	0		3	4	1	6
Leon Creek	Texas	3609	4					18	36
Leon Creek	Texas	3609	CGT1		3	3	2	2	2
Leon Creek	Texas	3609	CGT2		3	3	2	2	3
Leon Creek	Texas	3609	CGT3		3	3	2	2	2
Leon Creek	Texas	3609	CGT4		3	3	2	1	2
Lewis Creek	Texas	3457	1	69	76	66	49	59	61

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns BX - CE			
JCO Oxides Olefins Plant	Texas	54637	GCG2			76			
Jack County Generation Facility	Texas	55230	CT-1	42	47	47			
Jack County Generation Facility	Texas	55230	CT-2	47	52	54			
Johnson County Generation Facility	Texas	54817	EAST	86	85	93			
Jones Station	Texas	3482	151B	302	210	478			
Jones Station	Texas	3482	152B	193	211	306			
Knox Lee Power Plant	Texas	3476	2	0	2	5			
Knox Lee Power Plant	Texas	3476	3	0	4	11			
Knox Lee Power Plant	Texas	3476	4	8	7	44			
Knox Lee Power Plant	Texas	3476	5	176	170	339			
Lake Creek	Texas	3502	1	4		15			
Lake Creek	Texas	3502	2	46		128			
Lake Hubbard	Texas	3452	1	56	40	150			
Lake Hubbard	Texas	3452	2	14	11	40			
Lamar Power (Paris)	Texas	55097	1	78	55	78			
Lamar Power (Paris)	Texas	55097	2	73	40	88			
Lamar Power (Paris)	Texas	55097	3	74	49	74			
Lamar Power (Paris)	Texas	55097	4	70	43	82			
Laredo	Texas	3439	4	7	2	7			
Laredo	Texas	3439	5	7	1	7			
Leon Creek	Texas	3609	3	3		6			
Leon Creek	Texas	3609	4	13		36			
Leon Creek	Texas	3609	CGT1	2	1	3			
Leon Creek	Texas	3609	CGT2	2	0	3			
Leon Creek	Texas	3609	CGT3	2	1	3			
Leon Creek	Texas	3609	CGT4	2	1	3			
Lewis Creek	Texas	3457	1	56	55	76			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
JCO Oxides Olefins Plant	Texas	54637	GCG2				76	76
Jack County Generation Facility	Texas	55230	CT-1				47	47
Jack County Generation Facility	Texas	55230	CT-2				54	54
Johnson County Generation Facility	Texas	54817	EAST				93	93
Jones Station	Texas	3482	151B				264	264
Jones Station	Texas	3482	152B				270	270
Knox Lee Power Plant	Texas	3476	2				4	4
Knox Lee Power Plant	Texas	3476	3				5	5
Knox Lee Power Plant	Texas	3476	4				6	6
Knox Lee Power Plant	Texas	3476	5				124	124
Lake Creek	Texas	3502	1				5	5
Lake Creek	Texas	3502	2				41	41
Lake Hubbard	Texas	3452	1				81	81
Lake Hubbard	Texas	3452	2				40	40
Lamar Power (Paris)	Texas	55097	1				78	78
Lamar Power (Paris)	Texas	55097	2				88	88
Lamar Power (Paris)	Texas	55097	3				74	74
Lamar Power (Paris)	Texas	55097	4				82	82
Laredo	Texas	3439	4				7	7
Laredo	Texas	3439	5				7	7
Leon Creek	Texas	3609	3				3	3
Leon Creek	Texas	3609	4				6	6
Leon Creek	Texas	3609	CGT1				3	3
Leon Creek	Texas	3609	CGT2				3	3
Leon Creek	Texas	3609	CGT3				3	3
Leon Creek	Texas	3609	CGT4				3	3
Lewis Creek	Texas	3457	1				76	76

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
JCO Oxides Olefins Plant	Texas	54637	GCG2	76	76	76	76	Y
Jack County Generation Facility	Texas	55230	CT-1	47	47	47	47	Y
Jack County Generation Facility	Texas	55230	CT-2	54	54	54	54	Y
Johnson County Generation Facility	Texas	54817	EAST	93	93	93	93	Y
Jones Station	Texas	3482	151B	264	264	264	264	Y
Jones Station	Texas	3482	152B	270	270	270	270	Y
Knox Lee Power Plant	Texas	3476	2	4	4	4	4	Y
Knox Lee Power Plant	Texas	3476	3	5	5	5	5	Y
Knox Lee Power Plant	Texas	3476	4	6	6	6	6	Y
Knox Lee Power Plant	Texas	3476	5	124	124	124	124	Y
Lake Creek	Texas	3502	1	5	5	5	5	Y
Lake Creek	Texas	3502	2	41	41	41	41	Y
Lake Hubbard	Texas	3452	1	81	81	81	81	Y
Lake Hubbard	Texas	3452	2	40	40	40	40	Y
Lamar Power (Paris)	Texas	55097	1	78	78	78	78	Y
Lamar Power (Paris)	Texas	55097	2	88	88	88	88	Y
Lamar Power (Paris)	Texas	55097	3	74	74	74	74	Y
Lamar Power (Paris)	Texas	55097	4	82	82	82	82	Y
Laredo	Texas	3439	4	7	7	7	7	Y
Laredo	Texas	3439	5	7	7	7	7	Y
Leon Creek	Texas	3609	3	3	3	3	3	Y
Leon Creek	Texas	3609	4	6	6	6	6	Y
Leon Creek	Texas	3609	CGT1	3	3	3	3	Y
Leon Creek	Texas	3609	CGT2	3	3	3	3	Y
Leon Creek	Texas	3609	CGT3	3	3	3	3	Y
Leon Creek	Texas	3609	CGT4	3	3	3	3	Y
Lewis Creek	Texas	3457	1	76	76	76	76	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
JCO Oxides Olefins Plant	Texas	54637	GCG2		Y	Y	Y	
Jack County Generation Facility	Texas	55230	CT-1		Y	Y		
Jack County Generation Facility	Texas	55230	CT-2		Y	Y		
Johnson County Generation Facility	Texas	54817	EAST		Y	Y		
Jones Station	Texas	3482	151B		Y	Y		
Jones Station	Texas	3482	152B		Y	Y		
Knox Lee Power Plant	Texas	3476	2		Y	Y		
Knox Lee Power Plant	Texas	3476	3		Y	Y		
Knox Lee Power Plant	Texas	3476	4		Y	Y		
Knox Lee Power Plant	Texas	3476	5		Y	Y		
Lake Creek	Texas	3502	1		Y	Y		
Lake Creek	Texas	3502	2		Y	Y		
Lake Hubbard	Texas	3452	1		Y	Y		
Lake Hubbard	Texas	3452	2		Y	Y		
Lamar Power (Paris)	Texas	55097	1		Y	Y		
Lamar Power (Paris)	Texas	55097	2		Y	Y		
Lamar Power (Paris)	Texas	55097	3		Y	Y		
Lamar Power (Paris)	Texas	55097	4		Y	Y		
Laredo	Texas	3439	4		Y	Y		
Laredo	Texas	3439	5		Y	Y		
Leon Creek	Texas	3609	3		Y	Y		
Leon Creek	Texas	3609	4		Y	Y		
Leon Creek	Texas	3609	CGT1		Y	Y		
Leon Creek	Texas	3609	CGT2		Y	Y		
Leon Creek	Texas	3609	CGT3		Y	Y		
Leon Creek	Texas	3609	CGT4		Y	Y		
Lewis Creek	Texas	3457	1		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Lewis Creek	Texas	3457	2	2333	9,739,268	11,015,966	11,892,402	9,628,632	10,782,892
Limestone	Texas	298	LIM1	176	66,010,219	63,936,426	70,048,891	54,997,618	67,879,618
Limestone	Texas	298	LIM2	177	53,910,484	66,714,436	73,077,356	67,714,821	63,480,696
Lone Star Power Plant	Texas	3477	1	2389	222,324	80,972	21,622	17,846	224,155
Lost Pines 1	Texas	55154	1	4032	12,361,192	11,812,173	12,270,940	11,947,035	10,769,656
Lost Pines 1	Texas	55154	2	4033	12,222,418	11,622,382	12,635,959	11,763,648	11,263,478
Magic Valley Generating Station	Texas	55123	CTG-1	3951	5,947,190	11,357,282	11,370,275	10,293,996	9,237,626
Magic Valley Generating Station	Texas	55123	CTG-2	3952	5,868,341	10,032,048	12,366,132	11,288,539	11,449,047
Martin Lake	Texas	6146	1	2804	61,586,468	69,518,121	67,447,807	59,005,515	66,009,662
Martin Lake	Texas	6146	2	2805	64,029,269	62,204,810	68,431,694	63,006,846	54,547,955
Martin Lake	Texas	6146	3	2806	70,038,334	68,711,063	57,228,814	57,758,629	67,799,564
Midlothian Energy	Texas	55091	STK1	3873	9,749,933	6,698,239	5,421,829	4,123,029	4,240,100
Midlothian Energy	Texas	55091	STK2	3874	8,947,499	6,211,795	6,008,626	4,149,381	3,860,552
Midlothian Energy	Texas	55091	STK3	3875	6,106,018	7,838,857	5,379,814	5,085,874	2,030,540
Midlothian Energy	Texas	55091	STK4	3876	9,098,693	8,251,844	6,728,467	4,284,280	4,173,001
Midlothian Energy	Texas	55091	STK5	3877	8,260,925	10,559,235	7,427,323	5,311,512	5,691,866
Midlothian Energy	Texas	55091	STK6	3878	9,646,151	10,391,644	8,335,410	5,546,817	3,328,003
Monticello	Texas	6147	1	2807	49,687,280	48,265,561	47,190,134	45,575,619	40,192,358
Monticello	Texas	6147	2	2808	47,261,519	50,879,279	50,322,798	46,997,564	42,634,585
Monticello	Texas	6147	3	2809	70,849,238	68,946,699	59,740,384	66,410,429	56,946,054
Moore County Station	Texas	3483	3	2397	569,151	1,103,438	1,123,235	686,001	719,355
Morgan Creek	Texas	3492	5	2418	233,870	78,131			
Morgan Creek	Texas	3492	6	2419					
Morgan Creek	Texas	3492	CT1	90017			154,969	77,442	146,038
Morgan Creek	Texas	3492	CT2	90018			144,668	88,827	241,105
Morgan Creek	Texas	3492	CT3	90019			148,117	73,480	212,949
Morgan Creek	Texas	3492	CT4	90020			103,685	55,524	198,864

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Lewis Creek	Texas	3457	2	11,230,420	3,511,906,933	0.003198	279,747	279,747
Limestone	Texas	298	LIM1	67,979,576	3,511,906,933	0.019357	279,747	279,747
Limestone	Texas	298	LIM2	69,168,871	3,511,906,933	0.019696	279,747	279,747
Lone Star Power Plant	Texas	3477	1	175,817	3,511,906,933	0.000050	279,747	279,747
Lost Pines 1	Texas	55154	1	12,193,056	3,511,906,933	0.003472	279,747	279,747
Lost Pines 1	Texas	55154	2	12,207,342	3,511,906,933	0.003476	279,747	279,747
Magic Valley Generating Station	Texas	55123	CTG-1	11,007,184	3,511,906,933	0.003134	279,747	279,747
Magic Valley Generating Station	Texas	55123	CTG-2	11,701,239	3,511,906,933	0.003332	279,747	279,747
Martin Lake	Texas	6146	1	67,658,530	3,511,906,933	0.019265	279,747	279,747
Martin Lake	Texas	6146	2	65,155,936	3,511,906,933	0.018553	279,747	279,747
Martin Lake	Texas	6146	3	68,849,654	3,511,906,933	0.019605	279,747	279,747
Midlothian Energy	Texas	55091	STK1	7,290,000	3,511,906,933	0.002076	279,747	279,747
Midlothian Energy	Texas	55091	STK2	7,055,973	3,511,906,933	0.002009	279,747	279,747
Midlothian Energy	Texas	55091	STK3	6,441,563	3,511,906,933	0.001834	279,747	279,747
Midlothian Energy	Texas	55091	STK4	8,026,335	3,511,906,933	0.002285	279,747	279,747
Midlothian Energy	Texas	55091	STK5	8,749,161	3,511,906,933	0.002491	279,747	279,747
Midlothian Energy	Texas	55091	STK6	9,457,735	3,511,906,933	0.002693	279,747	279,747
Monticello	Texas	6147	1	48,380,992	3,511,906,933	0.013776	279,747	279,747
Monticello	Texas	6147	2	49,487,865	3,511,906,933	0.014091	279,747	279,747
Monticello	Texas	6147	3	68,735,456	3,511,906,933	0.019572	279,747	279,747
Moore County Station	Texas	3483	3	982,009	3,511,906,933	0.000280	279,747	279,747
Morgan Creek	Texas	3492	5	156,000	3,511,906,933	0.000044	279,747	279,747
Morgan Creek	Texas	3492	6		3,511,906,933		279,747	279,747
Morgan Creek	Texas	3492	CT1	126,150	3,511,906,933	0.000036	279,747	279,747
Morgan Creek	Texas	3492	CT2	158,200	3,511,906,933	0.000045	279,747	279,747
Morgan Creek	Texas	3492	CT3	144,849	3,511,906,933	0.000041	279,747	279,747
Morgan Creek	Texas	3492	CT4	119,358	3,511,906,933	0.000034	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Lewis Creek	Texas	3457	2	129,571	129,571	895	895	414	414
Limestone	Texas	298	LIM1	129,571	129,571	5,415	5,415	2,508	2,508
Limestone	Texas	298	LIM2	129,571	129,571	5,510	5,510	2,552	2,552
Lone Star Power Plant	Texas	3477	1	129,571	129,571	14	14	6	6
Lost Pines 1	Texas	55154	1	129,571	129,571	971	971	450	450
Lost Pines 1	Texas	55154	2	129,571	129,571	972	972	450	450
Magic Valley Generating Station	Texas	55123	CTG-1	129,571	129,571	877	877	406	406
Magic Valley Generating Station	Texas	55123	CTG-2	129,571	129,571	932	932	432	432
Martin Lake	Texas	6146	1	129,571	129,571	5,389	5,389	2,496	2,496
Martin Lake	Texas	6146	2	129,571	129,571	5,190	5,190	2,404	2,404
Martin Lake	Texas	6146	3	129,571	129,571	5,484	5,484	2,540	2,540
Midlothian Energy	Texas	55091	STK1	129,571	129,571	581	581	269	269
Midlothian Energy	Texas	55091	STK2	129,571	129,571	562	562	260	260
Midlothian Energy	Texas	55091	STK3	129,571	129,571	513	513	238	238
Midlothian Energy	Texas	55091	STK4	129,571	129,571	639	639	296	296
Midlothian Energy	Texas	55091	STK5	129,571	129,571	697	697	323	323
Midlothian Energy	Texas	55091	STK6	129,571	129,571	753	753	349	349
Monticello	Texas	6147	1	129,571	129,571	3,854	3,854	1,785	1,785
Monticello	Texas	6147	2	129,571	129,571	3,942	3,942	1,826	1,826
Monticello	Texas	6147	3	129,571	129,571	5,475	5,475	2,536	2,536
Moore County Station	Texas	3483	3	129,571	129,571	78	78	36	36
Morgan Creek	Texas	3492	5	129,571	129,571	12	12	6	6
Morgan Creek	Texas	3492	6	129,571	129,571				
Morgan Creek	Texas	3492	CT1	129,571	129,571	10	10	5	5
Morgan Creek	Texas	3492	CT2	129,571	129,571	13	13	6	6
Morgan Creek	Texas	3492	CT3	129,571	129,571	12	12	5	5
Morgan Creek	Texas	3492	CT4	129,571	129,571	10	10	4	4

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Lewis Creek	Texas	3457	2	3	3	3	3	3	4
Limestone	Texas	298	LIM1	15,920	12,535	9,193	9,616	7,265	10,380
Limestone	Texas	298	LIM2	13,164	10,036	8,580	6,301	7,412	10,675
Lone Star Power Plant	Texas	3477	1	0	0	0	0	0	0
Lost Pines 1	Texas	55154	1	3	4	4	4	4	4
Lost Pines 1	Texas	55154	2	3	3	3	4	3	4
Magic Valley Generating Station	Texas	55123	CTG-1	3	3	3	2	3	3
Magic Valley Generating Station	Texas	55123	CTG-2	3	3	3	2	3	4
Martin Lake	Texas	6146	1	24,178	24,743	29,560	25,653	30,542	30,958
Martin Lake	Texas	6146	2	21,183	11,986	23,753	23,738	18,926	24,366
Martin Lake	Texas	6146	3	30,495	19,748	23,318	28,028	29,570	23,389
Midlothian Energy	Texas	55091	STK1	1	1	2	3	2	2
Midlothian Energy	Texas	55091	STK2	2	1	2	3	2	2
Midlothian Energy	Texas	55091	STK3	1	1	2	2	2	2
Midlothian Energy	Texas	55091	STK4	1	2	3	3	2	2
Midlothian Energy	Texas	55091	STK5	2	1	2	2	3	2
Midlothian Energy	Texas	55091	STK6	2	1	3	3	3	3
Monticello	Texas	6147	1	30,515	27,275	26,706	29,434	27,618	26,450
Monticello	Texas	6147	2	29,906	28,674	29,580	27,305	28,573	27,999
Monticello	Texas	6147	3	22,020	19,703	23,413	20,799	18,160	14,129
Moore County Station	Texas	3483	3	0	0	0	0	0	0
Morgan Creek	Texas	3492	5	0	5	0	0	0	
Morgan Creek	Texas	3492	6	5	0				
Morgan Creek	Texas	3492	CT1						0
Morgan Creek	Texas	3492	CT2						0
Morgan Creek	Texas	3492	CT3						0
Morgan Creek	Texas	3492	CT4						0

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
Lewis Creek	Texas	3457	2	3	3	4				
Limestone	Texas	298	LIM1	9,157	10,977	15,920				
Limestone	Texas	298	LIM2	11,691	10,677	13,164				
Lone Star Power Plant	Texas	3477	1	0	0	0				
Lost Pines 1	Texas	55154	1	4	3	4				
Lost Pines 1	Texas	55154	2	4	3	4				
Magic Valley Generating Station	Texas	55123	CTG-1	3	3	3				
Magic Valley Generating Station	Texas	55123	CTG-2	3	3	4				
Martin Lake	Texas	6146	1	23,922	25,966	30,958				
Martin Lake	Texas	6146	2	26,284	20,822	26,284				
Martin Lake	Texas	6146	3	21,636	27,745	30,495				
Midlothian Energy	Texas	55091	STK1	1	1	3				
Midlothian Energy	Texas	55091	STK2	1	1	3				
Midlothian Energy	Texas	55091	STK3	2	1	2				
Midlothian Energy	Texas	55091	STK4	1	1	3				
Midlothian Energy	Texas	55091	STK5	2	2	3				
Midlothian Energy	Texas	55091	STK6	2	1	3				
Monticello	Texas	6147	1	20,509	19,160	30,515				
Monticello	Texas	6147	2	20,930	19,872	29,906				
Monticello	Texas	6147	3	16,826	18,764	23,413				
Moore County Station	Texas	3483	3	0	0	0				
Morgan Creek	Texas	3492	5			5				
Morgan Creek	Texas	3492	6			5				
Morgan Creek	Texas	3492	CT1	0	1	1				
Morgan Creek	Texas	3492	CT2	0	1	1				
Morgan Creek	Texas	3492	CT3	0	1	1				
Morgan Creek	Texas	3492	CT4	0	1	1				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Lewis Creek	Texas	3457	2				350	149	130
Limestone	Texas	298	LIM1				6,812	5,912	6,192
Limestone	Texas	298	LIM2				5,239	5,648	5,918
Lone Star Power Plant	Texas	3477	1				5	12	28
Lost Pines 1	Texas	55154	1				93	102	102
Lost Pines 1	Texas	55154	2				92	99	98
Magic Valley Generating Station	Texas	55123	CTG-1				137	169	164
Magic Valley Generating Station	Texas	55123	CTG-2				144	131	172
Martin Lake	Texas	6146	1				4,960	5,517	5,586
Martin Lake	Texas	6146	2				5,161	4,785	5,540
Martin Lake	Texas	6146	3				5,002	5,302	5,072
Midlothian Energy	Texas	55091	STK1				32	24	50
Midlothian Energy	Texas	55091	STK2				46	32	43
Midlothian Energy	Texas	55091	STK3				26	27	44
Midlothian Energy	Texas	55091	STK4				41	32	52
Midlothian Energy	Texas	55091	STK5				20	21	46
Midlothian Energy	Texas	55091	STK6				22	22	58
Monticello	Texas	6147	1				3,661	3,556	3,468
Monticello	Texas	6147	2				4,023	3,660	3,732
Monticello	Texas	6147	3				5,764	5,633	6,936
Moore County Station	Texas	3483	3				30	28	48
Morgan Creek	Texas	3492	5				207	72	5
Morgan Creek	Texas	3492	6				791	46	
Morgan Creek	Texas	3492	CT1						
Morgan Creek	Texas	3492	CT2						
Morgan Creek	Texas	3492	CT3						
Morgan Creek	Texas	3492	CT4						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Lewis Creek	Texas	3457	2	109	134	132	95	116	350
Limestone	Texas	298	LIM1	6,822	6,019	6,620	5,253	6,721	6,822
Limestone	Texas	298	LIM2	5,412	6,850	7,673	6,767	6,413	7,673
Lone Star Power Plant	Texas	3477	1	18	10	2	2	20	28
Lost Pines 1	Texas	55154	1	105	100	103	100	90	105
Lost Pines 1	Texas	55154	2	104	99	106	99	94	106
Magic Valley Generating Station	Texas	55123	CTG-1	95	172	184	171	152	184
Magic Valley Generating Station	Texas	55123	CTG-2	91	152	200	183	191	200
Martin Lake	Texas	6146	1	4,835	5,660	5,468	5,381	5,654	5,660
Martin Lake	Texas	6146	2	5,510	5,098	5,434	5,082	4,596	5,540
Martin Lake	Texas	6146	3	5,263	5,163	4,900	5,239	5,819	5,819
Midlothian Energy	Texas	55091	STK1	54	39	31	26	25	54
Midlothian Energy	Texas	55091	STK2	52	38	38	27	25	52
Midlothian Energy	Texas	55091	STK3	39	45	33	30	13	45
Midlothian Energy	Texas	55091	STK4	54	49	42	29	28	54
Midlothian Energy	Texas	55091	STK5	60	71	54	41	44	71
Midlothian Energy	Texas	55091	STK6	66	71	60	40	27	71
Monticello	Texas	6147	1	3,582	3,573	3,518	3,200	2,608	3,661
Monticello	Texas	6147	2	3,601	3,889	3,705	3,360	2,812	4,023
Monticello	Texas	6147	3	7,199	7,105	5,658	5,379	5,081	7,199
Moore County Station	Texas	3483	3	40	119	85	41	40	119
Morgan Creek	Texas	3492	5	31	9				207
Morgan Creek	Texas	3492	6						791
Morgan Creek	Texas	3492	CT1			23	11	22	23
Morgan Creek	Texas	3492	CT2			21	13	35	35
Morgan Creek	Texas	3492	CT3			22	11	31	31
Morgan Creek	Texas	3492	CT4			15	8	29	29

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Lewis Creek	Texas	3457	2						
Limestone	Texas	298	LIM1						
Limestone	Texas	298	LIM2						
Lone Star Power Plant	Texas	3477	1						
Lost Pines 1	Texas	55154	1						
Lost Pines 1	Texas	55154	2						
Magic Valley Generating Station	Texas	55123	CTG-1						
Magic Valley Generating Station	Texas	55123	CTG-2						
Martin Lake	Texas	6146	1						
Martin Lake	Texas	6146	2						
Martin Lake	Texas	6146	3						
Midlothian Energy	Texas	55091	STK1						
Midlothian Energy	Texas	55091	STK2						
Midlothian Energy	Texas	55091	STK3						
Midlothian Energy	Texas	55091	STK4						
Midlothian Energy	Texas	55091	STK5						
Midlothian Energy	Texas	55091	STK6						
Monticello	Texas	6147	1						
Monticello	Texas	6147	2						
Monticello	Texas	6147	3						
Moore County Station	Texas	3483	3						
Morgan Creek	Texas	3492	5						
Morgan Creek	Texas	3492	6						
Morgan Creek	Texas	3492	CT1						
Morgan Creek	Texas	3492	CT2						
Morgan Creek	Texas	3492	CT3						
Morgan Creek	Texas	3492	CT4						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Lewis Creek	Texas	3457	2	4	4	4	4
Limestone	Texas	298	LIM1	12,081	12,081	12,081	12,081
Limestone	Texas	298	LIM2	12,293	12,293	12,293	12,293
Lone Star Power Plant	Texas	3477	1	0	0	0	0
Lost Pines 1	Texas	55154	1	4	4	4	4
Lost Pines 1	Texas	55154	2	4	4	4	4
Magic Valley Generating Station	Texas	55123	CTG-1	3	3	3	3
Magic Valley Generating Station	Texas	55123	CTG-2	4	4	4	4
Martin Lake	Texas	6146	1	12,024	12,024	12,024	12,024
Martin Lake	Texas	6146	2	11,580	11,580	11,580	11,580
Martin Lake	Texas	6146	3	12,236	12,236	12,236	12,236
Midlothian Energy	Texas	55091	STK1	3	3	3	3
Midlothian Energy	Texas	55091	STK2	3	3	3	3
Midlothian Energy	Texas	55091	STK3	2	2	2	2
Midlothian Energy	Texas	55091	STK4	3	3	3	3
Midlothian Energy	Texas	55091	STK5	3	3	3	3
Midlothian Energy	Texas	55091	STK6	3	3	3	3
Monticello	Texas	6147	1	8,598	8,598	8,598	8,598
Monticello	Texas	6147	2	8,795	8,795	8,795	8,795
Monticello	Texas	6147	3	12,216	12,216	12,216	12,216
Moore County Station	Texas	3483	3	0	0	0	0
Morgan Creek	Texas	3492	5	5	5	5	5
Morgan Creek	Texas	3492	6	0	0	0	0
Morgan Creek	Texas	3492	CT1	1	1	1	1
Morgan Creek	Texas	3492	CT2	1	1	1	1
Morgan Creek	Texas	3492	CT3	1	1	1	1
Morgan Creek	Texas	3492	CT4	1	1	1	1

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Lewis Creek	Texas	3457	2	4	4	350	350
Limestone	Texas	298	LIM1	12,081	12,081	3,501	3,501
Limestone	Texas	298	LIM2	12,293	12,293	3,562	3,562
Lone Star Power Plant	Texas	3477	1	0	0	9	9
Lost Pines 1	Texas	55154	1	4	4	105	105
Lost Pines 1	Texas	55154	2	4	4	106	106
Magic Valley Generating Station	Texas	55123	CTG-1	3	3	184	184
Magic Valley Generating Station	Texas	55123	CTG-2	4	4	200	200
Martin Lake	Texas	6146	1	12,024	12,024	3,484	3,484
Martin Lake	Texas	6146	2	11,580	11,580	3,355	3,355
Martin Lake	Texas	6146	3	12,236	12,236	3,545	3,545
Midlothian Energy	Texas	55091	STK1	3	3	54	54
Midlothian Energy	Texas	55091	STK2	3	3	52	52
Midlothian Energy	Texas	55091	STK3	2	2	45	45
Midlothian Energy	Texas	55091	STK4	3	3	54	54
Midlothian Energy	Texas	55091	STK5	3	3	71	71
Midlothian Energy	Texas	55091	STK6	3	3	71	71
Monticello	Texas	6147	1	8,598	8,598	2,491	2,491
Monticello	Texas	6147	2	8,795	8,795	2,548	2,548
Monticello	Texas	6147	3	12,216	12,216	3,540	3,540
Moore County Station	Texas	3483	3	0	0	51	51
Morgan Creek	Texas	3492	5	5	5	8	8
Morgan Creek	Texas	3492	6	0	0	0	0
Morgan Creek	Texas	3492	CT1	1	1	6	6
Morgan Creek	Texas	3492	CT2	1	1	8	8
Morgan Creek	Texas	3492	CT3	1	1	7	7
Morgan Creek	Texas	3492	CT4	1	1	6	6

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Lewis Creek	Texas	3457	2	350	350	350	350
Limestone	Texas	298	LIM1	3,501	3,501	3,501	3,501
Limestone	Texas	298	LIM2	3,562	3,562	3,562	3,562
Lone Star Power Plant	Texas	3477	1	9	9	9	9
Lost Pines 1	Texas	55154	1	105	105	105	105
Lost Pines 1	Texas	55154	2	106	106	106	106
Magic Valley Generating Station	Texas	55123	CTG-1	184	184	184	184
Magic Valley Generating Station	Texas	55123	CTG-2	200	200	200	200
Martin Lake	Texas	6146	1	3,484	3,484	3,484	3,484
Martin Lake	Texas	6146	2	3,355	3,355	3,355	3,355
Martin Lake	Texas	6146	3	3,545	3,545	3,545	3,545
Midlothian Energy	Texas	55091	STK1	54	54	54	54
Midlothian Energy	Texas	55091	STK2	52	52	52	52
Midlothian Energy	Texas	55091	STK3	45	45	45	45
Midlothian Energy	Texas	55091	STK4	54	54	54	54
Midlothian Energy	Texas	55091	STK5	71	71	71	71
Midlothian Energy	Texas	55091	STK6	71	71	71	71
Monticello	Texas	6147	1	2,491	2,491	2,491	2,491
Monticello	Texas	6147	2	2,548	2,548	2,548	2,548
Monticello	Texas	6147	3	3,540	3,540	3,540	3,540
Moore County Station	Texas	3483	3	51	51	51	51
Morgan Creek	Texas	3492	5	8	8	8	8
Morgan Creek	Texas	3492	6	0	0	0	0
Morgan Creek	Texas	3492	CT1	6	6	6	6
Morgan Creek	Texas	3492	CT2	8	8	8	8
Morgan Creek	Texas	3492	CT3	7	7	7	7
Morgan Creek	Texas	3492	CT4	6	6	6	6

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Lewis Creek	Texas	3457	2	5,297,149	6,096,449	5,748,393	5,750,047	5,521,513	5,864,963
Limestone	Texas	298	LIM1	29,505,102	26,841,432	29,614,030	25,915,053	28,459,832	29,192,988
Limestone	Texas	298	LIM2	27,747,885	29,002,700	32,940,148	28,171,211	31,513,333	31,152,060
Lone Star Power Plant	Texas	3477	1	209,565	80,972	21,596	16,990	187,827	159,455
Lost Pines 1	Texas	55154	1	5,144,138	5,072,900	5,261,710	5,720,103	5,067,871	5,375,317
Lost Pines 1	Texas	55154	2	5,878,687	4,812,825	5,499,527	5,599,901	5,340,668	5,659,372
Magic Valley Generating Station	Texas	55123	CTG-1	4,999,367	6,405,296	6,218,454	5,333,263	3,954,349	5,985,671
Magic Valley Generating Station	Texas	55123	CTG-2	4,838,836	6,314,590	6,862,878	6,861,596	6,862,193	6,862,222
Martin Lake	Texas	6146	1	30,035,124	28,434,061	27,594,004	29,274,319	28,137,768	29,247,834
Martin Lake	Texas	6146	2	30,033,447	31,476,519	30,525,859	27,373,818	23,524,273	30,678,608
Martin Lake	Texas	6146	3	28,635,490	30,924,779	30,059,604	29,320,013	29,033,895	30,101,465
Midlothian Energy	Texas	55091	STK1	5,017,819	4,323,640	4,422,930	3,277,894	4,081,126	4,588,130
Midlothian Energy	Texas	55091	STK2	4,979,788	4,374,857	4,369,175	3,702,601	3,441,611	4,574,607
Midlothian Energy	Texas	55091	STK3	4,656,725	4,481,742	4,315,555	4,378,547	1,938,915	4,505,671
Midlothian Energy	Texas	55091	STK4	4,909,384	4,685,647	4,501,793	3,814,158	3,532,907	4,698,942
Midlothian Energy	Texas	55091	STK5	5,703,138	5,448,327	5,014,346	3,672,202	4,530,917	5,388,604
Midlothian Energy	Texas	55091	STK6	5,477,021	5,583,074	4,990,521	3,840,175	3,024,692	5,350,205
Monticello	Texas	6147	1	20,125,452	19,415,857	20,234,793	18,991,882	17,196,362	19,925,367
Monticello	Texas	6147	2	16,248,343	21,501,136	20,992,897	18,842,887	17,526,767	20,445,640
Monticello	Texas	6147	3	31,293,419	28,672,686	22,963,880	27,434,066	23,203,909	29,133,390
Moore County Station	Texas	3483	3	569,151	1,103,438	765,110	686,001	719,355	862,634
Morgan Creek	Texas	3492	5	233,870	77,332				155,601
Morgan Creek	Texas	3492	6						
Morgan Creek	Texas	3492	CT1			59,945	27,609	63,692	50,415
Morgan Creek	Texas	3492	CT2			61,148	29,715	55,356	48,740
Morgan Creek	Texas	3492	CT3			61,014	28,483	74,573	54,690
Morgan Creek	Texas	3492	CT4			45,720	24,780	57,201	42,567

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Lewis Creek	Texas	3457	2	1,726,255,329	0.003398	61,841	61,841	210	210
Limestone	Texas	298	LIM1	1,726,255,329	0.016911	61,841	61,841	1,046	1,046
Limestone	Texas	298	LIM2	1,726,255,329	0.018046	61,841	61,841	1,116	1,116
Lone Star Power Plant	Texas	3477	1	1,726,255,329	0.000092	61,841	61,841	6	6
Lost Pines 1	Texas	55154	1	1,726,255,329	0.003114	61,841	61,841	193	193
Lost Pines 1	Texas	55154	2	1,726,255,329	0.003278	61,841	61,841	203	203
Magic Valley Generating Station	Texas	55123	CTG-1	1,726,255,329	0.003467	61,841	61,841	214	214
Magic Valley Generating Station	Texas	55123	CTG-2	1,726,255,329	0.003975	61,841	61,841	246	246
Martin Lake	Texas	6146	1	1,726,255,329	0.016943	61,841	61,841	1,048	1,048
Martin Lake	Texas	6146	2	1,726,255,329	0.017772	61,841	61,841	1,099	1,099
Martin Lake	Texas	6146	3	1,726,255,329	0.017437	61,841	61,841	1,078	1,078
Midlothian Energy	Texas	55091	STK1	1,726,255,329	0.002658	61,841	61,841	164	164
Midlothian Energy	Texas	55091	STK2	1,726,255,329	0.002650	61,841	61,841	164	164
Midlothian Energy	Texas	55091	STK3	1,726,255,329	0.002610	61,841	61,841	161	161
Midlothian Energy	Texas	55091	STK4	1,726,255,329	0.002722	61,841	61,841	168	168
Midlothian Energy	Texas	55091	STK5	1,726,255,329	0.003122	61,841	61,841	193	193
Midlothian Energy	Texas	55091	STK6	1,726,255,329	0.003099	61,841	61,841	192	192
Monticello	Texas	6147	1	1,726,255,329	0.011543	61,841	61,841	714	714
Monticello	Texas	6147	2	1,726,255,329	0.011844	61,841	61,841	732	732
Monticello	Texas	6147	3	1,726,255,329	0.016877	61,841	61,841	1,044	1,044
Moore County Station	Texas	3483	3	1,726,255,329	0.000500	61,841	61,841	31	31
Morgan Creek	Texas	3492	5	1,726,255,329	0.000090	61,841	61,841	6	6
Morgan Creek	Texas	3492	6	1,726,255,329		61,841	61,841		
Morgan Creek	Texas	3492	CT1	1,726,255,329	0.000029	61,841	61,841	2	2
Morgan Creek	Texas	3492	CT2	1,726,255,329	0.000028	61,841	61,841	2	2
Morgan Creek	Texas	3492	CT3	1,726,255,329	0.000032	61,841	61,841	2	2
Morgan Creek	Texas	3492	CT4	1,726,255,329	0.000025	61,841	61,841	2	2

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Lewis Creek	Texas	3457	2	89	60	69	53	79	59
Limestone	Texas	298	LIM1	2,762	2,456	2,722	3,139	2,544	2,746
Limestone	Texas	298	LIM2	2,576	2,486	2,787	2,845	2,879	3,486
Lone Star Power Plant	Texas	3477	1	5	12	25	17	10	2
Lost Pines 1	Texas	55154	1	46	46	46	43	43	44
Lost Pines 1	Texas	55154	2	46	45	46	50	41	46
Magic Valley Generating Station	Texas	55123	CTG-1	58	87	95	81	94	101
Magic Valley Generating Station	Texas	55123	CTG-2	56	80	95	74	94	111
Martin Lake	Texas	6146	1	2,234	2,444	2,268	2,393	2,439	2,211
Martin Lake	Texas	6146	2	2,334	2,441	2,289	2,652	2,588	2,431
Martin Lake	Texas	6146	3	2,236	2,409	2,411	2,179	2,358	2,574
Midlothian Energy	Texas	55091	STK1	25	16	27	28	25	23
Midlothian Energy	Texas	55091	STK2	24	22	26	28	26	25
Midlothian Energy	Texas	55091	STK3	14	22	26	28	25	23
Midlothian Energy	Texas	55091	STK4	24	19	28	28	27	26
Midlothian Energy	Texas	55091	STK5	10	14	30	38	35	34
Midlothian Energy	Texas	55091	STK6	10	19	31	36	36	33
Monticello	Texas	6147	1	1,648	1,555	1,392	1,447	1,449	1,513
Monticello	Texas	6147	2	1,332	1,621	1,604	1,259	1,671	1,559
Monticello	Texas	6147	3	2,608	2,175	2,907	3,060	2,973	2,111
Moore County Station	Texas	3483	3	30	28	48	40	119	53
Morgan Creek	Texas	3492	5	115	37	2	31	9	
Morgan Creek	Texas	3492	6	359	46				
Morgan Creek	Texas	3492	CT1						9
Morgan Creek	Texas	3492	CT2						9
Morgan Creek	Texas	3492	CT3						9
Morgan Creek	Texas	3492	CT4						7

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Lewis Creek	Texas	3457	2	55	61	89			
Limestone	Texas	298	LIM1	2,650	2,755	3,139			
Limestone	Texas	298	LIM2	3,025	3,295	3,486			
Lone Star Power Plant	Texas	3477	1	2	16	25			
Lost Pines 1	Texas	55154	1	48	42	48			
Lost Pines 1	Texas	55154	2	47	45	50			
Magic Valley Generating Station	Texas	55123	CTG-1	87	65	101			
Magic Valley Generating Station	Texas	55123	CTG-2	110	113	113			
Martin Lake	Texas	6146	1	2,753	2,336	2,753			
Martin Lake	Texas	6146	2	2,209	2,064	2,652			
Martin Lake	Texas	6146	3	2,625	2,482	2,625			
Midlothian Energy	Texas	55091	STK1	20	23	28			
Midlothian Energy	Texas	55091	STK2	22	22	28			
Midlothian Energy	Texas	55091	STK3	25	11	28			
Midlothian Energy	Texas	55091	STK4	23	22	28			
Midlothian Energy	Texas	55091	STK5	27	31	38			
Midlothian Energy	Texas	55091	STK6	28	25	36			
Monticello	Texas	6147	1	1,265	1,111	1,648			
Monticello	Texas	6147	2	1,318	1,133	1,671			
Monticello	Texas	6147	3	2,099	2,062	3,060			
Moore County Station	Texas	3483	3	41	40	119			
Morgan Creek	Texas	3492	5			115			
Morgan Creek	Texas	3492	6			359			
Morgan Creek	Texas	3492	CT1	4	9	9			
Morgan Creek	Texas	3492	CT2	4	8	9			
Morgan Creek	Texas	3492	CT3	4	11	11			
Morgan Creek	Texas	3492	CT4	4	8	8			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Lewis Creek	Texas	3457	2				89	89
Limestone	Texas	298	LIM1				1,512	1,512
Limestone	Texas	298	LIM2				1,614	1,614
Lone Star Power Plant	Texas	3477	1				8	8
Lost Pines 1	Texas	55154	1				48	48
Lost Pines 1	Texas	55154	2				50	50
Magic Valley Generating Station	Texas	55123	CTG-1				101	101
Magic Valley Generating Station	Texas	55123	CTG-2				113	113
Martin Lake	Texas	6146	1				1,515	1,515
Martin Lake	Texas	6146	2				1,589	1,589
Martin Lake	Texas	6146	3				1,559	1,559
Midlothian Energy	Texas	55091	STK1				28	28
Midlothian Energy	Texas	55091	STK2				28	28
Midlothian Energy	Texas	55091	STK3				28	28
Midlothian Energy	Texas	55091	STK4				28	28
Midlothian Energy	Texas	55091	STK5				38	38
Midlothian Energy	Texas	55091	STK6				36	36
Monticello	Texas	6147	1				1,032	1,032
Monticello	Texas	6147	2				1,059	1,059
Monticello	Texas	6147	3				1,509	1,509
Moore County Station	Texas	3483	3				45	45
Morgan Creek	Texas	3492	5				8	8
Morgan Creek	Texas	3492	6				0	0
Morgan Creek	Texas	3492	CT1				3	3
Morgan Creek	Texas	3492	CT2				3	3
Morgan Creek	Texas	3492	CT3				3	3
Morgan Creek	Texas	3492	CT4				2	2

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Lewis Creek	Texas	3457	2	89	89	89	89	Y
Limestone	Texas	298	LIM1	1,512	1,512	1,512	1,512	Y
Limestone	Texas	298	LIM2	1,614	1,614	1,614	1,614	Y
Lone Star Power Plant	Texas	3477	1	8	8	8	8	Y
Lost Pines 1	Texas	55154	1	48	48	48	48	Y
Lost Pines 1	Texas	55154	2	50	50	50	50	Y
Magic Valley Generating Station	Texas	55123	CTG-1	101	101	101	101	Y
Magic Valley Generating Station	Texas	55123	CTG-2	113	113	113	113	Y
Martin Lake	Texas	6146	1	1,515	1,515	1,515	1,515	Y
Martin Lake	Texas	6146	2	1,589	1,589	1,589	1,589	Y
Martin Lake	Texas	6146	3	1,559	1,559	1,559	1,559	Y
Midlothian Energy	Texas	55091	STK1	28	28	28	28	Y
Midlothian Energy	Texas	55091	STK2	28	28	28	28	Y
Midlothian Energy	Texas	55091	STK3	28	28	28	28	Y
Midlothian Energy	Texas	55091	STK4	28	28	28	28	Y
Midlothian Energy	Texas	55091	STK5	38	38	38	38	Y
Midlothian Energy	Texas	55091	STK6	36	36	36	36	Y
Monticello	Texas	6147	1	1,032	1,032	1,032	1,032	Y
Monticello	Texas	6147	2	1,059	1,059	1,059	1,059	Y
Monticello	Texas	6147	3	1,509	1,509	1,509	1,509	Y
Moore County Station	Texas	3483	3	45	45	45	45	Y
Morgan Creek	Texas	3492	5	8	8	8	8	Y
Morgan Creek	Texas	3492	6	0	0	0	0	Y
Morgan Creek	Texas	3492	CT1	3	3	3	3	Y
Morgan Creek	Texas	3492	CT2	3	3	3	3	Y
Morgan Creek	Texas	3492	CT3	3	3	3	3	Y
Morgan Creek	Texas	3492	CT4	2	2	2	2	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Lewis Creek	Texas	3457	2		Y	Y		
Limestone	Texas	298	LIM1		Y	Y		
Limestone	Texas	298	LIM2		Y	Y		
Lone Star Power Plant	Texas	3477	1		Y	Y		
Lost Pines 1	Texas	55154	1		Y	Y		
Lost Pines 1	Texas	55154	2		Y	Y		
Magic Valley Generating Station	Texas	55123	CTG-1		Y	Y		
Magic Valley Generating Station	Texas	55123	CTG-2		Y	Y		
Martin Lake	Texas	6146	1		Y	Y		
Martin Lake	Texas	6146	2		Y	Y		
Martin Lake	Texas	6146	3		Y	Y		
Midlothian Energy	Texas	55091	STK1		Y	Y		
Midlothian Energy	Texas	55091	STK2		Y	Y		
Midlothian Energy	Texas	55091	STK3		Y	Y		
Midlothian Energy	Texas	55091	STK4		Y	Y		
Midlothian Energy	Texas	55091	STK5		Y	Y		
Midlothian Energy	Texas	55091	STK6		Y	Y		
Monticello	Texas	6147	1		Y	Y		
Monticello	Texas	6147	2		Y	Y		
Monticello	Texas	6147	3		Y	Y		
Moore County Station	Texas	3483	3		Y	Y		
Morgan Creek	Texas	3492	5		Y	Y		
Morgan Creek	Texas	3492	6		Y	Y		
Morgan Creek	Texas	3492	CT1		Y	Y		
Morgan Creek	Texas	3492	CT2		Y	Y		
Morgan Creek	Texas	3492	CT3		Y	Y		
Morgan Creek	Texas	3492	CT4		Y	Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Morgan Creek	Texas	3492	CT5	90021			134,115	77,089	181,778
Morgan Creek	Texas	3492	CT6	90022			129,907	66,864	164,299
Mountain Creek Generating Station	Texas	3453	6	2318	600,319	184,599	168,751	498,891	325,405
Mountain Creek Generating Station	Texas	3453	7	2319	665,488	200,501	258,933	461,684	302,983
Mountain Creek Generating Station	Texas	3453	8	2320	5,077,823	4,335,135	2,432,164	6,957,233	7,593,221
Mustang Station	Texas	55065	1	3851	9,478,102	9,199,518	10,849,149	10,102,622	7,829,178
Mustang Station	Texas	55065	2	3852	9,203,179	9,687,938	9,350,261	8,976,205	7,712,171
Mustang Station Units 4 and 5	Texas	56326	GEN1	89654	943,297	1,415,712	1,252,400	646,362	675,635
Mustang Station Units 4 and 5	Texas	56326	GEN2	89751		447,361	1,237,002	132,795	196,969
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1		4,327,172	3,013,296	3,500,115	3,238,580	
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2		4,327,172	3,013,296	3,500,115	3,238,580	
New Gulf Power Facility	Texas	50137	1	3640	200,789	151,751	188,163	284,291	88,595
Newman	Texas	3456	**4	2327	4,891,936	5,527,432	5,367,790	3,856,732	5,820,347
Newman	Texas	3456	**5	2328	4,125,977	5,777,709	4,943,435	5,309,663	4,757,333
Newman	Texas	3456	1	2329	1,530,701	2,932,155	3,170,826	3,118,460	3,025,230
Newman	Texas	3456	2	2330	3,436,304	3,771,764	4,131,402	3,302,781	3,188,446
Newman	Texas	3456	3	2331	4,329,845	3,936,864	2,929,953	3,981,617	4,821,631
Newman	Texas	3456	GT-6A	4579				521,944	681,648
Newman	Texas	3456	GT-6B	4580				543,151	675,611
Nichols Station	Texas	3484	141B	2398	2,468,186	3,151,216	2,603,029	2,377,066	2,688,495
Nichols Station	Texas	3484	142B	2399	4,137,007	3,841,615	2,816,920	2,989,500	3,051,047
Nichols Station	Texas	3484	143B	2400	6,913,176	7,293,533	6,936,818	4,845,062	4,808,547
Nueces Bay	Texas	3441	8	90242					8,108,629
Nueces Bay	Texas	3441	9	90243					8,083,556
O W Sommers	Texas	3611	1	2479	9,117,829	9,286,122	10,974,971	7,554,094	5,509,484
O W Sommers	Texas	3611	2	2480	6,646,858	7,699,369	6,188,131	8,432,358	3,942,439
Oak Grove	Texas	6180	1	2830				2,194,464	56,207,892

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Morgan Creek	Texas	3492	CT5	130,994	3,511,906,933	0.000037	279,747	279,747
Morgan Creek	Texas	3492	CT6	120,356	3,511,906,933	0.000034	279,747	279,747
Mountain Creek Generating Station	Texas	3453	6	474,872	3,511,906,933	0.000135	279,747	279,747
Mountain Creek Generating Station	Texas	3453	7	476,718	3,511,906,933	0.000136	279,747	279,747
Mountain Creek Generating Station	Texas	3453	8	6,542,759	3,511,906,933	0.001863	279,747	279,747
Mustang Station	Texas	55065	1	10,143,291	3,511,906,933	0.002888	279,747	279,747
Mustang Station	Texas	55065	2	9,413,793	3,511,906,933	0.002681	279,747	279,747
Mustang Station Units 4 and 5	Texas	56326	GEN1	1,203,803	3,511,906,933	0.000343	279,747	279,747
Mustang Station Units 4 and 5	Texas	56326	GEN2	627,111	3,511,906,933	0.000179	279,747	279,747
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	3,688,622	3,511,906,933	0.001050	279,747	279,747
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	3,688,622	3,511,906,933	0.001050	279,747	279,747
New Gulf Power Facility	Texas	50137	1	224,414	3,511,906,933	0.000064	279,747	279,747
Newman	Texas	3456	**4	5,571,856	3,511,906,933	0.001587	279,747	279,747
Newman	Texas	3456	**5	5,343,602	3,511,906,933	0.001522	279,747	279,747
Newman	Texas	3456	1	3,104,838	3,511,906,933	0.000884	279,747	279,747
Newman	Texas	3456	2	3,779,823	3,511,906,933	0.001076	279,747	279,747
Newman	Texas	3456	3	4,377,698	3,511,906,933	0.001247	279,747	279,747
Newman	Texas	3456	GT-6A	601,796	3,511,906,933	0.000171	279,747	279,747
Newman	Texas	3456	GT-6B	609,381	3,511,906,933	0.000174	279,747	279,747
Nichols Station	Texas	3484	141B	2,814,247	3,511,906,933	0.000801	279,747	279,747
Nichols Station	Texas	3484	142B	3,676,556	3,511,906,933	0.001047	279,747	279,747
Nichols Station	Texas	3484	143B	7,047,842	3,511,906,933	0.002007	279,747	279,747
Nueces Bay	Texas	3441	8	8,108,629	3,511,906,933	0.002309	279,747	279,747
Nueces Bay	Texas	3441	9	8,083,556	3,511,906,933	0.002302	279,747	279,747
O W Sommers	Texas	3611	1	9,792,974	3,511,906,933	0.002789	279,747	279,747
O W Sommers	Texas	3611	2	7,592,862	3,511,906,933	0.002162	279,747	279,747
Oak Grove	Texas	6180	1	29,201,178	3,511,906,933	0.008315	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Morgan Creek	Texas	3492	CT5	129,571	129,571	10	10	5	5
Morgan Creek	Texas	3492	CT6	129,571	129,571	10	10	4	4
Mountain Creek Generating Station	Texas	3453	6	129,571	129,571	38	38	18	18
Mountain Creek Generating Station	Texas	3453	7	129,571	129,571	38	38	18	18
Mountain Creek Generating Station	Texas	3453	8	129,571	129,571	521	521	241	241
Mustang Station	Texas	55065	1	129,571	129,571	808	808	374	374
Mustang Station	Texas	55065	2	129,571	129,571	750	750	347	347
Mustang Station Units 4 and 5	Texas	56326	GEN1	129,571	129,571	96	96	44	44
Mustang Station Units 4 and 5	Texas	56326	GEN2	129,571	129,571	50	50	23	23
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	129,571	129,571	294	294	136	136
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	129,571	129,571	294	294	136	136
New Gulf Power Facility	Texas	50137	1	129,571	129,571	18	18	8	8
Newman	Texas	3456	**4	129,571	129,571	444	444	206	206
Newman	Texas	3456	**5	129,571	129,571	426	426	197	197
Newman	Texas	3456	1	129,571	129,571	247	247	115	115
Newman	Texas	3456	2	129,571	129,571	301	301	139	139
Newman	Texas	3456	3	129,571	129,571	349	349	162	162
Newman	Texas	3456	GT-6A	129,571	129,571	48	48	22	22
Newman	Texas	3456	GT-6B	129,571	129,571	49	49	22	22
Nichols Station	Texas	3484	141B	129,571	129,571	224	224	104	104
Nichols Station	Texas	3484	142B	129,571	129,571	293	293	136	136
Nichols Station	Texas	3484	143B	129,571	129,571	561	561	260	260
Nueces Bay	Texas	3441	8	129,571	129,571	646	646	299	299
Nueces Bay	Texas	3441	9	129,571	129,571	644	644	298	298
O W Sommers	Texas	3611	1	129,571	129,571	780	780	361	361
O W Sommers	Texas	3611	2	129,571	129,571	605	605	280	280
Oak Grove	Texas	6180	1	129,571	129,571	2,326	2,326	1,077	1,077

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Morgan Creek	Texas	3492	CT5						0
Morgan Creek	Texas	3492	CT6						0
Mountain Creek Generating Station	Texas	3453	6	8	0	0	0	0	0
Mountain Creek Generating Station	Texas	3453	7	0	2	0	0	0	0
Mountain Creek Generating Station	Texas	3453	8	2	1	2	2	2	1
Mustang Station	Texas	55065	1	3	4	4	3	3	3
Mustang Station	Texas	55065	2	3	4	4	3	3	3
Mustang Station Units 4 and 5	Texas	56326	GEN1				0	0	0
Mustang Station Units 4 and 5	Texas	56326	GEN2					0	0
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1		9	7		5	
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2		9	7		5	
New Gulf Power Facility	Texas	50137	1			0	0	0	0
Newman	Texas	3456	**4	1	1	1	1	2	2
Newman	Texas	3456	**5	1	1	2	1	2	1
Newman	Texas	3456	1	1	1	1	0	1	1
Newman	Texas	3456	2	1	1	1	1	1	1
Newman	Texas	3456	3	1	1	1	1	1	1
Newman	Texas	3456	GT-6A	0					
Newman	Texas	3456	GT-6B	0					
Nichols Station	Texas	3484	141B	1	1	1	1	1	1
Nichols Station	Texas	3484	142B	1	1	1	1	2	1
Nichols Station	Texas	3484	143B	2	2	2	2	3	2
Nueces Bay	Texas	3441	8						
Nueces Bay	Texas	3441	9						
O W Sommers	Texas	3611	1	55	50	2	3	3	3
O W Sommers	Texas	3611	2	7	1	2	2	2	2
Oak Grove	Texas	6180	1						

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Morgan Creek	Texas	3492	CT5	0	1	1			
Morgan Creek	Texas	3492	CT6	0	1	1			
Mountain Creek Generating Station	Texas	3453	6	0	0	8			
Mountain Creek Generating Station	Texas	3453	7	0	0	2			
Mountain Creek Generating Station	Texas	3453	8	2	2	2			
Mustang Station	Texas	55065	1	3	2	4			
Mustang Station	Texas	55065	2	3	2	4			
Mustang Station Units 4 and 5	Texas	56326	GEN1	0	0	0			
Mustang Station Units 4 and 5	Texas	56326	GEN2	0	0	0			
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1			9			
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2			9			
New Gulf Power Facility	Texas	50137	1	0	0	0			
Newman	Texas	3456	**4	1	2	2			
Newman	Texas	3456	**5	2	1	2			
Newman	Texas	3456	1	1	1	1			
Newman	Texas	3456	2	1	1	1			
Newman	Texas	3456	3	1	1	1			
Newman	Texas	3456	GT-6A	0	0	0			
Newman	Texas	3456	GT-6B	0	0	0			
Nichols Station	Texas	3484	141B	1	1	1			
Nichols Station	Texas	3484	142B	1	1	2			
Nichols Station	Texas	3484	143B	1	1	3			
Nueces Bay	Texas	3441	8		2	2			
Nueces Bay	Texas	3441	9		2	2			
O W Sommers	Texas	3611	1	3	2	55			
O W Sommers	Texas	3611	2	4	1	7			
Oak Grove	Texas	6180	1	56	1,665	1,665			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Morgan Creek	Texas	3492	CT5						
Morgan Creek	Texas	3492	CT6						
Mountain Creek Generating Station	Texas	3453	6				91	25	23
Mountain Creek Generating Station	Texas	3453	7				123	45	64
Mountain Creek Generating Station	Texas	3453	8				48	28	34
Mustang Station	Texas	55065	1				184	352	301
Mustang Station	Texas	55065	2				198	278	290
Mustang Station Units 4 and 5	Texas	56326	GEN1						
Mustang Station Units 4 and 5	Texas	56326	GEN2						
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1					230	171
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2					230	171
New Gulf Power Facility	Texas	50137	1					0	25
Newman	Texas	3456	**4				314	398	394
Newman	Texas	3456	**5				268	397	468
Newman	Texas	3456	1				240	313	248
Newman	Texas	3456	2				220	202	331
Newman	Texas	3456	3				431	326	291
Newman	Texas	3456	GT-6A				0		
Newman	Texas	3456	GT-6B				0		
Nichols Station	Texas	3484	141B				228	274	341
Nichols Station	Texas	3484	142B				167	186	242
Nichols Station	Texas	3484	143B				643	537	548
Nueces Bay	Texas	3441	8						
Nueces Bay	Texas	3441	9						
O W Sommers	Texas	3611	1				419	364	566
O W Sommers	Texas	3611	2				229	152	229
Oak Grove	Texas	6180	1						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Morgan Creek	Texas	3492	CT5			20	11	27	27
Morgan Creek	Texas	3492	CT6			19	10	24	24
Mountain Creek Generating Station	Texas	3453	6	24	5	6	22	13	91
Mountain Creek Generating Station	Texas	3453	7	58	15	19	40	29	123
Mountain Creek Generating Station	Texas	3453	8	27	18	13	60	42	60
Mustang Station	Texas	55065	1	221	177	213	181	151	352
Mustang Station	Texas	55065	2	221	196	189	167	174	290
Mustang Station Units 4 and 5	Texas	56326	GEN1	18	20	16	9	10	20
Mustang Station Units 4 and 5	Texas	56326	GEN2		14	17	2	3	17
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1		139				230
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2		139				230
New Gulf Power Facility	Texas	50137	1	25	18	23	34	10	34
Newman	Texas	3456	**4	424	500	492	363	497	500
Newman	Texas	3456	**5	380	513	428	477	411	513
Newman	Texas	3456	1	107	285	316	280	256	316
Newman	Texas	3456	2	277	331	400	301	252	400
Newman	Texas	3456	3	301	323	195	292	421	431
Newman	Texas	3456	GT-6A				19	10	19
Newman	Texas	3456	GT-6B				18	10	18
Nichols Station	Texas	3484	141B	115	132	123	140	155	341
Nichols Station	Texas	3484	142B	226	178	148	178	168	242
Nichols Station	Texas	3484	143B	786	445	503	398	377	786
Nueces Bay	Texas	3441	8					53	53
Nueces Bay	Texas	3441	9					52	52
O W Sommers	Texas	3611	1	718	658	760	560	354	760
O W Sommers	Texas	3611	2	313	383	272	501	204	501
Oak Grove	Texas	6180	1				67	1,800	1,800

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Morgan Creek	Texas	3492	CT5						
Morgan Creek	Texas	3492	CT6						
Mountain Creek Generating Station	Texas	3453	6						
Mountain Creek Generating Station	Texas	3453	7						
Mountain Creek Generating Station	Texas	3453	8						
Mustang Station	Texas	55065	1						
Mustang Station	Texas	55065	2						
Mustang Station Units 4 and 5	Texas	56326	GEN1						
Mustang Station Units 4 and 5	Texas	56326	GEN2						
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1						
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2						
New Gulf Power Facility	Texas	50137	1						
Newman	Texas	3456	**4						
Newman	Texas	3456	**5						
Newman	Texas	3456	1						
Newman	Texas	3456	2						
Newman	Texas	3456	3						
Newman	Texas	3456	GT-6A						
Newman	Texas	3456	GT-6B						
Nichols Station	Texas	3484	141B						
Nichols Station	Texas	3484	142B						
Nichols Station	Texas	3484	143B						
Nueces Bay	Texas	3441	8						
Nueces Bay	Texas	3441	9						
O W Sommers	Texas	3611	1						
O W Sommers	Texas	3611	2						
Oak Grove	Texas	6180	1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)
Morgan Creek	Texas	3492	CT5	1	1	1	1
Morgan Creek	Texas	3492	CT6	1	1	1	1
Mountain Creek Generating Station	Texas	3453	6	8	8	8	8
Mountain Creek Generating Station	Texas	3453	7	2	2	2	2
Mountain Creek Generating Station	Texas	3453	8	2	2	2	2
Mustang Station	Texas	55065	1	4	4	4	4
Mustang Station	Texas	55065	2	4	4	4	4
Mustang Station Units 4 and 5	Texas	56326	GEN1	0	0	0	0
Mustang Station Units 4 and 5	Texas	56326	GEN2	0	0	0	0
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	9	9	9	9
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	9	9	9	9
New Gulf Power Facility	Texas	50137	1	0	0	0	0
Newman	Texas	3456	**4	2	2	2	2
Newman	Texas	3456	**5	2	2	2	2
Newman	Texas	3456	1	1	1	1	1
Newman	Texas	3456	2	1	1	1	1
Newman	Texas	3456	3	1	1	1	1
Newman	Texas	3456	GT-6A	0	0	0	0
Newman	Texas	3456	GT-6B	0	0	0	0
Nichols Station	Texas	3484	141B	1	1	1	1
Nichols Station	Texas	3484	142B	2	2	2	2
Nichols Station	Texas	3484	143B	3	3	3	3
Nueces Bay	Texas	3441	8	2	2	2	2
Nueces Bay	Texas	3441	9	2	2	2	2
O W Sommers	Texas	3611	1	55	55	55	55
O W Sommers	Texas	3611	2	7	7	7	7
Oak Grove	Texas	6180	1	1,665	1,665	1,665	1,665

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Morgan Creek	Texas	3492	CT5	1	1	7	7
Morgan Creek	Texas	3492	CT6	1	1	6	6
Mountain Creek Generating Station	Texas	3453	6	8	8	24	24
Mountain Creek Generating Station	Texas	3453	7	2	2	25	25
Mountain Creek Generating Station	Texas	3453	8	2	2	60	60
Mustang Station	Texas	55065	1	4	4	352	352
Mustang Station	Texas	55065	2	4	4	290	290
Mustang Station Units 4 and 5	Texas	56326	GEN1	0	0	20	20
Mustang Station Units 4 and 5	Texas	56326	GEN2	0	0	17	17
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	9	9	190	190
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	9	9	190	190
New Gulf Power Facility	Texas	50137	1	0	0	12	12
Newman	Texas	3456	**4	2	2	287	287
Newman	Texas	3456	**5	2	2	275	275
Newman	Texas	3456	1	1	1	160	160
Newman	Texas	3456	2	1	1	195	195
Newman	Texas	3456	3	1	1	225	225
Newman	Texas	3456	GT-6A	0	0	19	19
Newman	Texas	3456	GT-6B	0	0	18	18
Nichols Station	Texas	3484	141B	1	1	145	145
Nichols Station	Texas	3484	142B	2	2	189	189
Nichols Station	Texas	3484	143B	3	3	363	363
Nueces Bay	Texas	3441	8	2	2	53	53
Nueces Bay	Texas	3441	9	2	2	52	52
O W Sommers	Texas	3611	1	55	55	504	504
O W Sommers	Texas	3611	2	7	7	391	391
Oak Grove	Texas	6180	1	1,665	1,665	1,504	1,504

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Morgan Creek	Texas	3492	CT5	7	7	7	7
Morgan Creek	Texas	3492	CT6	6	6	6	6
Mountain Creek Generating Station	Texas	3453	6	24	24	24	24
Mountain Creek Generating Station	Texas	3453	7	25	25	25	25
Mountain Creek Generating Station	Texas	3453	8	60	60	60	60
Mustang Station	Texas	55065	1	352	352	352	352
Mustang Station	Texas	55065	2	290	290	290	290
Mustang Station Units 4 and 5	Texas	56326	GEN1	20	20	20	20
Mustang Station Units 4 and 5	Texas	56326	GEN2	17	17	17	17
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	190	190	190	190
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	190	190	190	190
New Gulf Power Facility	Texas	50137	1	12	12	12	12
Newman	Texas	3456	**4	287	287	287	287
Newman	Texas	3456	**5	275	275	275	275
Newman	Texas	3456	1	160	160	160	160
Newman	Texas	3456	2	195	195	195	195
Newman	Texas	3456	3	225	225	225	225
Newman	Texas	3456	GT-6A	19	19	19	19
Newman	Texas	3456	GT-6B	18	18	18	18
Nichols Station	Texas	3484	141B	145	145	145	145
Nichols Station	Texas	3484	142B	189	189	189	189
Nichols Station	Texas	3484	143B	363	363	363	363
Nueces Bay	Texas	3441	8	53	53	53	53
Nueces Bay	Texas	3441	9	52	52	52	52
O W Sommers	Texas	3611	1	504	504	504	504
O W Sommers	Texas	3611	2	391	391	391	391
Oak Grove	Texas	6180	1	1,504	1,504	1,504	1,504

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Morgan Creek	Texas	3492	CT5			61,723	31,535	53,914	49,057
Morgan Creek	Texas	3492	CT6			56,156	37,268	66,880	53,434
Mountain Creek Generating Station	Texas	3453	6	508,156	131,201	116,882	450,332	313,951	424,146
Mountain Creek Generating Station	Texas	3453	7	584,327	144,869	210,314	402,914	295,432	427,558
Mountain Creek Generating Station	Texas	3453	8	4,537,140	3,029,354	1,431,798	5,378,537	6,344,653	5,420,110
Mustang Station	Texas	55065	1	4,883,653	4,777,307	4,970,467	5,540,447	4,814,061	5,131,522
Mustang Station	Texas	55065	2	5,115,282	5,097,224	4,918,355	5,581,369	5,080,714	5,264,625
Mustang Station Units 4 and 5	Texas	56326	GEN1	930,603	994,102	981,108	637,526	675,365	968,604
Mustang Station Units 4 and 5	Texas	56326	GEN2		286,971	882,252	91,928	132,654	433,959
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	1,992,756	1,477,466	1,786,658	1,738,348		1,839,254
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	1,992,756	1,477,466	1,786,658	1,738,348		1,839,254
New Gulf Power Facility	Texas	50137	1	132,435	108,939	154,487	243,874	67,506	176,932
Newman	Texas	3456	**4	1,989,861	2,517,456	2,703,273	1,870,727	2,708,928	2,643,219
Newman	Texas	3456	**5	1,758,334	2,581,329	2,517,223	2,594,057	2,602,994	2,592,793
Newman	Texas	3456	1	1,169,476	1,675,351	1,354,519	1,604,610	1,652,896	1,644,286
Newman	Texas	3456	2	1,914,476	1,969,444	1,875,933	1,431,804	1,664,691	1,919,951
Newman	Texas	3456	3	2,010,978	1,914,866	1,696,057	2,044,821	2,095,183	2,050,327
Newman	Texas	3456	GT-6A				442,026	641,053	541,539
Newman	Texas	3456	GT-6B				388,305	556,276	472,291
Nichols Station	Texas	3484	141B	1,217,007	1,640,284	1,475,127	1,372,806	1,518,493	1,544,635
Nichols Station	Texas	3484	142B	1,915,583	2,020,729	1,583,341	1,483,322	1,492,796	1,839,884
Nichols Station	Texas	3484	143B	3,603,695	3,518,773	3,393,076	2,766,076	2,625,255	3,505,181
Nueces Bay	Texas	3441	8					3,647,018	3,647,018
Nueces Bay	Texas	3441	9					3,689,156	3,689,156
O W Sommers	Texas	3611	1	5,365,266	4,054,551	5,470,944	4,678,677	2,925,420	5,171,629
O W Sommers	Texas	3611	2	5,294,142	3,525,821	3,944,769	4,877,805	2,837,861	4,705,572
Oak Grove	Texas	6180	1					27,865,850	27,865,850

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Morgan Creek	Texas	3492	CT5	1,726,255,329	0.000028	61,841	61,841	2	2
Morgan Creek	Texas	3492	CT6	1,726,255,329	0.000031	61,841	61,841	2	2
Mountain Creek Generating Station	Texas	3453	6	1,726,255,329	0.000246	61,841	61,841	15	15
Mountain Creek Generating Station	Texas	3453	7	1,726,255,329	0.000248	61,841	61,841	15	15
Mountain Creek Generating Station	Texas	3453	8	1,726,255,329	0.003140	61,841	61,841	194	194
Mustang Station	Texas	55065	1	1,726,255,329	0.002973	61,841	61,841	184	184
Mustang Station	Texas	55065	2	1,726,255,329	0.003050	61,841	61,841	189	189
Mustang Station Units 4 and 5	Texas	56326	GEN1	1,726,255,329	0.000561	61,841	61,841	35	35
Mustang Station Units 4 and 5	Texas	56326	GEN2	1,726,255,329	0.000251	61,841	61,841	16	16
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	1,726,255,329	0.001065	61,841	61,841	66	66
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	1,726,255,329	0.001065	61,841	61,841	66	66
New Gulf Power Facility	Texas	50137	1	1,726,255,329	0.000102	61,841	61,841	6	6
Newman	Texas	3456	**4	1,726,255,329	0.001531	61,841	61,841	95	95
Newman	Texas	3456	**5	1,726,255,329	0.001502	61,841	61,841	93	93
Newman	Texas	3456	1	1,726,255,329	0.000953	61,841	61,841	59	59
Newman	Texas	3456	2	1,726,255,329	0.001112	61,841	61,841	69	69
Newman	Texas	3456	3	1,726,255,329	0.001188	61,841	61,841	73	73
Newman	Texas	3456	GT-6A	1,726,255,329	0.000314	61,841	61,841	19	19
Newman	Texas	3456	GT-6B	1,726,255,329	0.000274	61,841	61,841	17	17
Nichols Station	Texas	3484	141B	1,726,255,329	0.000895	61,841	61,841	55	55
Nichols Station	Texas	3484	142B	1,726,255,329	0.001066	61,841	61,841	66	66
Nichols Station	Texas	3484	143B	1,726,255,329	0.002031	61,841	61,841	126	126
Nueces Bay	Texas	3441	8	1,726,255,329	0.002113	61,841	61,841	131	131
Nueces Bay	Texas	3441	9	1,726,255,329	0.002137	61,841	61,841	132	132
O W Sommers	Texas	3611	1	1,726,255,329	0.002996	61,841	61,841	185	185
O W Sommers	Texas	3611	2	1,726,255,329	0.002726	61,841	61,841	169	169
Oak Grove	Texas	6180	1	1,726,255,329	0.016142	61,841	61,841	998	998

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Morgan Creek	Texas	3492	CT5						9
Morgan Creek	Texas	3492	CT6						8
Mountain Creek Generating Station	Texas	3453	6	70	18	20	21	3	4
Mountain Creek Generating Station	Texas	3453	7	82	37	38	51	10	14
Mountain Creek Generating Station	Texas	3453	8	39	19	30	24	12	8
Mustang Station	Texas	55065	1	86	114	123	106	86	86
Mustang Station	Texas	55065	2	94	99	111	115	90	94
Mustang Station Units 4 and 5	Texas	56326	GEN1				14	13	13
Mustang Station Units 4 and 5	Texas	56326	GEN2					11	11
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1		99	88		68	
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2		99	88		68	
New Gulf Power Facility	Texas	50137	1		0	16	16	13	19
Newman	Texas	3456	**4	209	171	186	158	210	233
Newman	Texas	3456	**5	175	156	219	153	214	205
Newman	Texas	3456	1	113	149	129	77	159	128
Newman	Texas	3456	2	105	125	176	154	172	179
Newman	Texas	3456	3	155	150	153	129	124	106
Newman	Texas	3456	GT-6A	0					
Newman	Texas	3456	GT-6B	0					
Nichols Station	Texas	3484	141B	186	168	190	58	67	68
Nichols Station	Texas	3484	142B	162	147	125	106	94	85
Nichols Station	Texas	3484	143B	441	313	370	489	213	256
Nueces Bay	Texas	3441	8						
Nueces Bay	Texas	3441	9						
O W Sommers	Texas	3611	1	267	243	316	391	284	384
O W Sommers	Texas	3611	2	174	108	136	246	163	169
Oak Grove	Texas	6180	1						

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Morgan Creek	Texas	3492	CT5	5	8	9			
Morgan Creek	Texas	3492	CT6	5	10	10			
Mountain Creek Generating Station	Texas	3453	6	20	13	70			
Mountain Creek Generating Station	Texas	3453	7	35	28	82			
Mountain Creek Generating Station	Texas	3453	8	51	37	51			
Mustang Station	Texas	55065	1	98	93	123			
Mustang Station	Texas	55065	2	98	106	115			
Mustang Station Units 4 and 5	Texas	56326	GEN1	9	10	14			
Mustang Station Units 4 and 5	Texas	56326	GEN2	2	2	11			
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1			99			
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2			99			
New Gulf Power Facility	Texas	50137	1	29	7	29			
Newman	Texas	3456	**4	161	217	233			
Newman	Texas	3456	**5	207	212	219			
Newman	Texas	3456	1	138	137	159			
Newman	Texas	3456	2	125	132	179			
Newman	Texas	3456	3	134	142	155			
Newman	Texas	3456	GT-6A	17	9	17			
Newman	Texas	3456	GT-6B	16	8	16			
Nichols Station	Texas	3484	141B	80	84	190			
Nichols Station	Texas	3484	142B	90	81	162			
Nichols Station	Texas	3484	143B	227	207	489			
Nueces Bay	Texas	3441	8		24	24			
Nueces Bay	Texas	3441	9		23	23			
O W Sommers	Texas	3611	1	351	177	391			
O W Sommers	Texas	3611	2	323	147	323			
Oak Grove	Texas	6180	1		898	898			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Morgan Creek	Texas	3492	CT5				3	3
Morgan Creek	Texas	3492	CT6				3	3
Mountain Creek Generating Station	Texas	3453	6				22	22
Mountain Creek Generating Station	Texas	3453	7				22	22
Mountain Creek Generating Station	Texas	3453	8				51	51
Mustang Station	Texas	55065	1				123	123
Mustang Station	Texas	55065	2				115	115
Mustang Station Units 4 and 5	Texas	56326	GEN1				14	14
Mustang Station Units 4 and 5	Texas	56326	GEN2				11	11
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1				95	95
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2				95	95
New Gulf Power Facility	Texas	50137	1				9	9
Newman	Texas	3456	**4				137	137
Newman	Texas	3456	**5				134	134
Newman	Texas	3456	1				85	85
Newman	Texas	3456	2				99	99
Newman	Texas	3456	3				106	106
Newman	Texas	3456	GT-6A				17	17
Newman	Texas	3456	GT-6B				16	16
Nichols Station	Texas	3484	141B				80	80
Nichols Station	Texas	3484	142B				95	95
Nichols Station	Texas	3484	143B				182	182
Nueces Bay	Texas	3441	8				24	24
Nueces Bay	Texas	3441	9				23	23
O W Sommers	Texas	3611	1				268	268
O W Sommers	Texas	3611	2				244	244
Oak Grove	Texas	6180	1				898	898

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Morgan Creek	Texas	3492	CT5	3	3	3	3	Y
Morgan Creek	Texas	3492	CT6	3	3	3	3	Y
Mountain Creek Generating Station	Texas	3453	6	22	22	22	22	Y
Mountain Creek Generating Station	Texas	3453	7	22	22	22	22	Y
Mountain Creek Generating Station	Texas	3453	8	51	51	51	51	Y
Mustang Station	Texas	55065	1	123	123	123	123	Y
Mustang Station	Texas	55065	2	115	115	115	115	Y
Mustang Station Units 4 and 5	Texas	56326	GEN1	14	14	14	14	Y
Mustang Station Units 4 and 5	Texas	56326	GEN2	11	11	11	11	Y
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	95	95	95	95	Y
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	95	95	95	95	Y
New Gulf Power Facility	Texas	50137	1	9	9	9	9	Y
Newman	Texas	3456	**4	137	137	137	137	Y
Newman	Texas	3456	**5	134	134	134	134	Y
Newman	Texas	3456	1	85	85	85	85	Y
Newman	Texas	3456	2	99	99	99	99	Y
Newman	Texas	3456	3	106	106	106	106	Y
Newman	Texas	3456	GT-6A	17	17	17	17	Y
Newman	Texas	3456	GT-6B	16	16	16	16	Y
Nichols Station	Texas	3484	141B	80	80	80	80	Y
Nichols Station	Texas	3484	142B	95	95	95	95	Y
Nichols Station	Texas	3484	143B	182	182	182	182	Y
Nueces Bay	Texas	3441	8	24	24	24	24	Y
Nueces Bay	Texas	3441	9	23	23	23	23	Y
O W Sommers	Texas	3611	1	268	268	268	268	Y
O W Sommers	Texas	3611	2	244	244	244	244	Y
Oak Grove	Texas	6180	1	898	898	898	898	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Morgan Creek	Texas	3492	CT5		Y	Y		
Morgan Creek	Texas	3492	CT6		Y	Y		
Mountain Creek Generating Station	Texas	3453	6		Y	Y		
Mountain Creek Generating Station	Texas	3453	7		Y	Y		
Mountain Creek Generating Station	Texas	3453	8		Y	Y		
Mustang Station	Texas	55065	1		Y	Y		
Mustang Station	Texas	55065	2		Y	Y		
Mustang Station Units 4 and 5	Texas	56326	GEN1		Y	Y		
Mustang Station Units 4 and 5	Texas	56326	GEN2		Y	Y		
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1		Y	Y	Y	
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2		Y	Y	Y	
New Gulf Power Facility	Texas	50137	1		Y	Y		
Newman	Texas	3456	**4		Y	Y		
Newman	Texas	3456	**5		Y	Y		
Newman	Texas	3456	1		Y	Y		
Newman	Texas	3456	2		Y	Y		
Newman	Texas	3456	3		Y	Y		
Newman	Texas	3456	GT-6A		Y	Y		
Newman	Texas	3456	GT-6B		Y	Y		
Nichols Station	Texas	3484	141B		Y	Y		
Nichols Station	Texas	3484	142B		Y	Y		
Nichols Station	Texas	3484	143B		Y	Y		
Nueces Bay	Texas	3441	8		Y	Y		
Nueces Bay	Texas	3441	9		Y	Y		
O W Sommers	Texas	3611	1		Y	Y		
O W Sommers	Texas	3611	2		Y	Y		
Oak Grove	Texas	6180	1		Y	Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Odessa-Ector Generating Station	Texas	55215	GT1	4149	9,954,675	8,519,136	5,548,577	6,452,952	6,475,313
Odessa-Ector Generating Station	Texas	55215	GT2	4150	9,015,720	7,675,126	5,058,513	6,027,011	5,839,246
Odessa-Ector Generating Station	Texas	55215	GT3	4151	9,298,874	8,108,310	5,851,608	5,365,894	5,794,720
Odessa-Ector Generating Station	Texas	55215	GT4	4152	9,578,758	8,793,654	6,671,163	6,560,960	5,859,493
Oklunion Power Station	Texas	127	1	81	43,459,153	44,506,124	42,126,812	31,434,779	38,922,526
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	10087	5,733,195	7,024,569	6,326,291	5,607,245	6,467,685
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	10088	5,588,569	6,876,713	6,281,840	5,714,530	6,613,674
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	10089	4,849,802	5,466,678	4,481,783	4,405,741	5,543,912
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	10090	4,830,965	4,630,008	5,327,319	4,859,359	5,847,908
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	10091	4,671,746	4,922,209	4,265,402	5,649,227	5,683,976
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	10092	5,786,155	5,843,202	6,233,175	5,770,816	6,154,410
Oyster Creek Unit VIII	Texas	54676	G81		8,267,586	9,404,584	9,046,085	9,111,659	8,519,433
Oyster Creek Unit VIII	Texas	54676	G82		8,267,586	9,404,584	9,046,085	9,111,659	8,519,433
Oyster Creek Unit VIII	Texas	54676	G83		8,267,586	9,404,584	9,046,085	9,111,659	8,519,433
Pampa Power Plant	Texas	7678	BL09A1	89868					
Pampa Power Plant	Texas	7678	BL10A1	89869					
Pampa Power Plant	Texas	7678	BL11A1	89870					
Paris Energy Center	Texas	50109	HRSG1	89668		1,926,498	2,468,830	2,203,761	1,411,887
Paris Energy Center	Texas	50109	HRSG2	89669		1,688,013	2,725,727	1,919,214	1,950,909
Pasadena Power Plant	Texas	55047	CG-1	3831	9,957,902	10,396,257	10,739,590	9,566,704	9,771,896
Pasadena Power Plant	Texas	55047	CG-2	3832	4,842,180	7,865,213	7,002,837	6,360,102	4,634,668
Pasadena Power Plant	Texas	55047	CG-3	3833	4,620,528	8,043,388	7,924,613	4,859,055	5,785,355
Permian Basin	Texas	3494	5	2421	815,920	376,775	614,885	449,459	404,737
Permian Basin	Texas	3494	6	2422	8,678,305	3,881,841	2,801,146	2,631,727	3,397,893
Permian Basin	Texas	3494	CT1	90023			339,383	113,737	213,420
Permian Basin	Texas	3494	CT2	90024			291,881	171,280	250,284
Permian Basin	Texas	3494	CT3	90025			198,943	138,650	186,744

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Odessa-Ector Generating Station	Texas	55215	GT1	8,316,375	3,511,906,933	0.002368	279,747	279,747
Odessa-Ector Generating Station	Texas	55215	GT2	7,572,619	3,511,906,933	0.002156	279,747	279,747
Odessa-Ector Generating Station	Texas	55215	GT3	7,752,931	3,511,906,933	0.002208	279,747	279,747
Odessa-Ector Generating Station	Texas	55215	GT4	8,347,858	3,511,906,933	0.002377	279,747	279,747
Oklauion Power Station	Texas	127	1	43,364,030	3,511,906,933	0.012348	279,747	279,747
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	6,606,182	3,511,906,933	0.001881	279,747	279,747
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	6,590,742	3,511,906,933	0.001877	279,747	279,747
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	5,286,797	3,511,906,933	0.001505	279,747	279,747
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	5,344,862	3,511,906,933	0.001522	279,747	279,747
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	5,418,471	3,511,906,933	0.001543	279,747	279,747
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	6,076,929	3,511,906,933	0.001730	279,747	279,747
Oyster Creek Unit VIII	Texas	54676	G81	9,187,443	3,511,906,933	0.002616	279,747	279,747
Oyster Creek Unit VIII	Texas	54676	G82	9,187,443	3,511,906,933	0.002616	279,747	279,747
Oyster Creek Unit VIII	Texas	54676	G83	9,187,443	3,511,906,933	0.002616	279,747	279,747
Pampa Power Plant	Texas	7678	BL09A1		3,511,906,933		279,747	279,747
Pampa Power Plant	Texas	7678	BL10A1		3,511,906,933		279,747	279,747
Pampa Power Plant	Texas	7678	BL11A1		3,511,906,933		279,747	279,747
Paris Energy Center	Texas	50109	HRSG1	2,199,696	3,511,906,933	0.000626	279,747	279,747
Paris Energy Center	Texas	50109	HRSG2	2,198,617	3,511,906,933	0.000626	279,747	279,747
Pasadena Power Plant	Texas	55047	CG-1	10,364,583	3,511,906,933	0.002951	279,747	279,747
Pasadena Power Plant	Texas	55047	CG-2	7,076,051	3,511,906,933	0.002015	279,747	279,747
Pasadena Power Plant	Texas	55047	CG-3	7,251,119	3,511,906,933	0.002065	279,747	279,747
Permian Basin	Texas	3494	5	626,755	3,511,906,933	0.000178	279,747	279,747
Permian Basin	Texas	3494	6	5,319,346	3,511,906,933	0.001515	279,747	279,747
Permian Basin	Texas	3494	CT1	222,180	3,511,906,933	0.000063	279,747	279,747
Permian Basin	Texas	3494	CT2	237,815	3,511,906,933	0.000068	279,747	279,747
Permian Basin	Texas	3494	CT3	174,779	3,511,906,933	0.000050	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Odessa-Ector Generating Station	Texas	55215	GT1	129,571	129,571	662	662	307	307
Odessa-Ector Generating Station	Texas	55215	GT2	129,571	129,571	603	603	279	279
Odessa-Ector Generating Station	Texas	55215	GT3	129,571	129,571	618	618	286	286
Odessa-Ector Generating Station	Texas	55215	GT4	129,571	129,571	665	665	308	308
Oklunion Power Station	Texas	127	1	129,571	129,571	3,454	3,454	1,600	1,600
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	129,571	129,571	526	526	244	244
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	129,571	129,571	525	525	243	243
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	129,571	129,571	421	421	195	195
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	129,571	129,571	426	426	197	197
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	129,571	129,571	432	432	200	200
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	129,571	129,571	484	484	224	224
Oyster Creek Unit VIII	Texas	54676	G81	129,571	129,571	732	732	339	339
Oyster Creek Unit VIII	Texas	54676	G82	129,571	129,571	732	732	339	339
Oyster Creek Unit VIII	Texas	54676	G83	129,571	129,571	732	732	339	339
Pampa Power Plant	Texas	7678	BL09A1	129,571	129,571				
Pampa Power Plant	Texas	7678	BL10A1	129,571	129,571				
Pampa Power Plant	Texas	7678	BL11A1	129,571	129,571				
Paris Energy Center	Texas	50109	HRSG1	129,571	129,571	175	175	81	81
Paris Energy Center	Texas	50109	HRSG2	129,571	129,571	175	175	81	81
Pasadena Power Plant	Texas	55047	CG-1	129,571	129,571	826	826	382	382
Pasadena Power Plant	Texas	55047	CG-2	129,571	129,571	564	564	261	261
Pasadena Power Plant	Texas	55047	CG-3	129,571	129,571	578	578	268	268
Permian Basin	Texas	3494	5	129,571	129,571	50	50	23	23
Permian Basin	Texas	3494	6	129,571	129,571	424	424	196	196
Permian Basin	Texas	3494	CT1	129,571	129,571	18	18	8	8
Permian Basin	Texas	3494	CT2	129,571	129,571	19	19	9	9
Permian Basin	Texas	3494	CT3	129,571	129,571	14	14	6	6

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Odessa-Ector Generating Station	Texas	55215	GT1	2	2	3	3	3	2
Odessa-Ector Generating Station	Texas	55215	GT2	3	3	3	3	2	2
Odessa-Ector Generating Station	Texas	55215	GT3	2	3	3	3	2	2
Odessa-Ector Generating Station	Texas	55215	GT4	2	3	3	3	3	2
Oklauion Power Station	Texas	127	1	3,497	4,015	4,328	3,794	4,385	4,386
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	2	2	2	2	2	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	2	2	2	2	2	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	1	1	2	1	2	1
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	1	1	2	1	1	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	1	1	1	1	1	1
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	2	2	2	2	2	2
Oyster Creek Unit VIII	Texas	54676	G81		16	14		17	
Oyster Creek Unit VIII	Texas	54676	G82		16	14		17	
Oyster Creek Unit VIII	Texas	54676	G83		16	14		17	
Pampa Power Plant	Texas	7678	BL09A1						
Pampa Power Plant	Texas	7678	BL10A1						
Pampa Power Plant	Texas	7678	BL11A1						
Paris Energy Center	Texas	50109	HRSG1					1	1
Paris Energy Center	Texas	50109	HRSG2					1	1
Pasadena Power Plant	Texas	55047	CG-1	3	3	3	3	3	3
Pasadena Power Plant	Texas	55047	CG-2	2	2	2	1	2	2
Pasadena Power Plant	Texas	55047	CG-3	3	3	2	1	2	2
Permian Basin	Texas	3494	5	0	0	0	0	0	0
Permian Basin	Texas	3494	6	563	244	170	20	1	15
Permian Basin	Texas	3494	CT1						2
Permian Basin	Texas	3494	CT2						3
Permian Basin	Texas	3494	CT3						1

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Odessa-Ector Generating Station	Texas	55215	GT1	2	2	3			
Odessa-Ector Generating Station	Texas	55215	GT2	2	2	3			
Odessa-Ector Generating Station	Texas	55215	GT3	2	2	3			
Odessa-Ector Generating Station	Texas	55215	GT4	2	2	3			
Oklauion Power Station	Texas	127	1	2,684	3,588	4,386			
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	2	2	2			
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	2	2	2			
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	1	2	2			
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	1	2	2			
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	2	2	2			
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	2	2	2			
Oyster Creek Unit VIII	Texas	54676	G81			17			
Oyster Creek Unit VIII	Texas	54676	G82			17			
Oyster Creek Unit VIII	Texas	54676	G83			17			
Pampa Power Plant	Texas	7678	BL09A1			0			
Pampa Power Plant	Texas	7678	BL10A1			0			
Pampa Power Plant	Texas	7678	BL11A1			0			
Paris Energy Center	Texas	50109	HRSG1	1	0	1			
Paris Energy Center	Texas	50109	HRSG2	1	1	1			
Pasadena Power Plant	Texas	55047	CG-1	3	3	3			
Pasadena Power Plant	Texas	55047	CG-2	2	1	2			
Pasadena Power Plant	Texas	55047	CG-3	1	2	3			
Permian Basin	Texas	3494	5	0	0	0			
Permian Basin	Texas	3494	6	1	1	563			
Permian Basin	Texas	3494	CT1	0	0	2			
Permian Basin	Texas	3494	CT2	0	0	3			
Permian Basin	Texas	3494	CT3	0	0	1			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Odessa-Ector Generating Station	Texas	55215	GT1				109	96	145
Odessa-Ector Generating Station	Texas	55215	GT2				116	127	134
Odessa-Ector Generating Station	Texas	55215	GT3				113	147	144
Odessa-Ector Generating Station	Texas	55215	GT4				106	131	140
Oklunion Power Station	Texas	127	1				8,171	8,081	8,630
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101				378	370	385
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201				406	412	406
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301				308	268	339
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401				312	308	342
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501				282	262	311
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601				146	126	139
Oyster Creek Unit VIII	Texas	54676	G81					242	223
Oyster Creek Unit VIII	Texas	54676	G82					242	223
Oyster Creek Unit VIII	Texas	54676	G83					242	223
Pampa Power Plant	Texas	7678	BL09A1						
Pampa Power Plant	Texas	7678	BL10A1						
Pampa Power Plant	Texas	7678	BL11A1						
Paris Energy Center	Texas	50109	HRSG1						
Paris Energy Center	Texas	50109	HRSG2						
Pasadena Power Plant	Texas	55047	CG-1				150	137	139
Pasadena Power Plant	Texas	55047	CG-2				136	122	101
Pasadena Power Plant	Texas	55047	CG-3				111	92	75
Permian Basin	Texas	3494	5				75	33	42
Permian Basin	Texas	3494	6				1,474	906	836
Permian Basin	Texas	3494	CT1						
Permian Basin	Texas	3494	CT2						
Permian Basin	Texas	3494	CT3						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Odessa-Ector Generating Station	Texas	55215	GT1	152	131	142	117	192	192
Odessa-Ector Generating Station	Texas	55215	GT2	136	141	120	172	171	172
Odessa-Ector Generating Station	Texas	55215	GT3	151	122	146	170	223	223
Odessa-Ector Generating Station	Texas	55215	GT4	146	128	183	197	163	197
Oklauion Power Station	Texas	127	1	7,352	7,682	8,097	5,057	6,679	8,630
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	273	57	45	35	47	385
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	320	63	51	41	58	412
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	122	40	34	34	35	339
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	302	52	39	38	45	342
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	296	76	29	37	36	311
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	105	99	116	77	80	146
Oyster Creek Unit VIII	Texas	54676	G81		259				259
Oyster Creek Unit VIII	Texas	54676	G82		259				259
Oyster Creek Unit VIII	Texas	54676	G83		259				259
Pampa Power Plant	Texas	7678	BL09A1						0
Pampa Power Plant	Texas	7678	BL10A1						0
Pampa Power Plant	Texas	7678	BL11A1						0
Paris Energy Center	Texas	50109	HRSG1		123	143	145	81	145
Paris Energy Center	Texas	50109	HRSG2		96	154	126	111	154
Pasadena Power Plant	Texas	55047	CG-1	129	137	135	132	109	150
Pasadena Power Plant	Texas	55047	CG-2	83	113	107	151	86	151
Pasadena Power Plant	Texas	55047	CG-3	61	101	94	130	167	167
Permian Basin	Texas	3494	5	111	51	79	46	48	111
Permian Basin	Texas	3494	6	866	349	297	219	274	1,474
Permian Basin	Texas	3494	CT1			58	19	35	58
Permian Basin	Texas	3494	CT2			50	29	42	50
Permian Basin	Texas	3494	CT3			34	23	31	34

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Odessa-Ector Generating Station	Texas	55215	GT1						
Odessa-Ector Generating Station	Texas	55215	GT2						
Odessa-Ector Generating Station	Texas	55215	GT3						
Odessa-Ector Generating Station	Texas	55215	GT4						
Oklauion Power Station	Texas	127	1						
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101						
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201						
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301						
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401						
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501						
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601						
Oyster Creek Unit VIII	Texas	54676	G81						
Oyster Creek Unit VIII	Texas	54676	G82						
Oyster Creek Unit VIII	Texas	54676	G83						
Pampa Power Plant	Texas	7678	BL09A1						
Pampa Power Plant	Texas	7678	BL10A1						
Pampa Power Plant	Texas	7678	BL11A1						
Paris Energy Center	Texas	50109	HRSG1						
Paris Energy Center	Texas	50109	HRSG2						
Pasadena Power Plant	Texas	55047	CG-1						
Pasadena Power Plant	Texas	55047	CG-2						
Pasadena Power Plant	Texas	55047	CG-3						
Permian Basin	Texas	3494	5						
Permian Basin	Texas	3494	6						
Permian Basin	Texas	3494	CT1						
Permian Basin	Texas	3494	CT2						
Permian Basin	Texas	3494	CT3						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Odessa-Ector Generating Station	Texas	55215	GT1	3	3	3	3
Odessa-Ector Generating Station	Texas	55215	GT2	3	3	3	3
Odessa-Ector Generating Station	Texas	55215	GT3	3	3	3	3
Odessa-Ector Generating Station	Texas	55215	GT4	3	3	3	3
Oklunion Power Station	Texas	127	1	4,386	4,386	4,386	4,386
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	2	2	2	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	2	2	2	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	2	2	2	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	2	2	2	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	2	2	2	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	2	2	2	2
Oyster Creek Unit VIII	Texas	54676	G81	17	17	17	17
Oyster Creek Unit VIII	Texas	54676	G82	17	17	17	17
Oyster Creek Unit VIII	Texas	54676	G83	17	17	17	17
Pampa Power Plant	Texas	7678	BL09A1	0	0	0	0
Pampa Power Plant	Texas	7678	BL10A1	0	0	0	0
Pampa Power Plant	Texas	7678	BL11A1	0	0	0	0
Paris Energy Center	Texas	50109	HRSG1	1	1	1	1
Paris Energy Center	Texas	50109	HRSG2	1	1	1	1
Pasadena Power Plant	Texas	55047	CG-1	3	3	3	3
Pasadena Power Plant	Texas	55047	CG-2	2	2	2	2
Pasadena Power Plant	Texas	55047	CG-3	3	3	3	3
Permian Basin	Texas	3494	5	0	0	0	0
Permian Basin	Texas	3494	6	563	563	563	563
Permian Basin	Texas	3494	CT1	2	2	2	2
Permian Basin	Texas	3494	CT2	3	3	3	3
Permian Basin	Texas	3494	CT3	1	1	1	1

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Odessa-Ector Generating Station	Texas	55215	GT1	3	3	192	192
Odessa-Ector Generating Station	Texas	55215	GT2	3	3	172	172
Odessa-Ector Generating Station	Texas	55215	GT3	3	3	223	223
Odessa-Ector Generating Station	Texas	55215	GT4	3	3	197	197
Oklaunion Power Station	Texas	127	1	4,386	4,386	2,233	2,233
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	2	2	340	340
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	2	2	339	339
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	2	2	272	272
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	2	2	275	275
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	2	2	279	279
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	2	2	146	146
Oyster Creek Unit VIII	Texas	54676	G81	17	17	259	259
Oyster Creek Unit VIII	Texas	54676	G82	17	17	259	259
Oyster Creek Unit VIII	Texas	54676	G83	17	17	259	259
Pampa Power Plant	Texas	7678	BL09A1	0	0	0	0
Pampa Power Plant	Texas	7678	BL10A1	0	0	0	0
Pampa Power Plant	Texas	7678	BL11A1	0	0	0	0
Paris Energy Center	Texas	50109	HRSG1	1	1	113	113
Paris Energy Center	Texas	50109	HRSG2	1	1	113	113
Pasadena Power Plant	Texas	55047	CG-1	3	3	150	150
Pasadena Power Plant	Texas	55047	CG-2	2	2	151	151
Pasadena Power Plant	Texas	55047	CG-3	3	3	167	167
Permian Basin	Texas	3494	5	0	0	32	32
Permian Basin	Texas	3494	6	563	563	274	274
Permian Basin	Texas	3494	CT1	2	2	11	11
Permian Basin	Texas	3494	CT2	3	3	12	12
Permian Basin	Texas	3494	CT3	1	1	9	9

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Odessa-Ector Generating Station	Texas	55215	GT1	192	192	192	192
Odessa-Ector Generating Station	Texas	55215	GT2	172	172	172	172
Odessa-Ector Generating Station	Texas	55215	GT3	223	223	223	223
Odessa-Ector Generating Station	Texas	55215	GT4	197	197	197	197
Oklaunion Power Station	Texas	127	1	2,233	2,233	2,233	2,233
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	340	340	340	340
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	339	339	339	339
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	272	272	272	272
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	275	275	275	275
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	279	279	279	279
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	146	146	146	146
Oyster Creek Unit VIII	Texas	54676	G81	259	259	259	259
Oyster Creek Unit VIII	Texas	54676	G82	259	259	259	259
Oyster Creek Unit VIII	Texas	54676	G83	259	259	259	259
Pampa Power Plant	Texas	7678	BL09A1	0	0	0	0
Pampa Power Plant	Texas	7678	BL10A1	0	0	0	0
Pampa Power Plant	Texas	7678	BL11A1	0	0	0	0
Paris Energy Center	Texas	50109	HRSG1	113	113	113	113
Paris Energy Center	Texas	50109	HRSG2	113	113	113	113
Pasadena Power Plant	Texas	55047	CG-1	150	150	150	150
Pasadena Power Plant	Texas	55047	CG-2	151	151	151	151
Pasadena Power Plant	Texas	55047	CG-3	167	167	167	167
Permian Basin	Texas	3494	5	32	32	32	32
Permian Basin	Texas	3494	6	274	274	274	274
Permian Basin	Texas	3494	CT1	11	11	11	11
Permian Basin	Texas	3494	CT2	12	12	12	12
Permian Basin	Texas	3494	CT3	9	9	9	9

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Odessa-Ector Generating Station	Texas	55215	GT1	4,503,951	3,624,828	3,297,832	2,896,194	3,607,458	3,912,079
Odessa-Ector Generating Station	Texas	55215	GT2	4,301,058	3,557,513	3,031,947	2,992,326	3,188,907	3,682,493
Odessa-Ector Generating Station	Texas	55215	GT3	4,874,765	3,919,478	3,403,033	2,757,298	3,175,624	4,065,759
Odessa-Ector Generating Station	Texas	55215	GT4	4,228,839	3,567,480	3,676,287	3,166,286	3,112,486	3,824,202
Oklaunion Power Station	Texas	127	1	16,481,573	21,960,220	19,694,979	16,826,198	17,943,523	19,866,241
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	2,334,216	3,002,343	2,526,278	2,486,354	2,786,361	2,771,661
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	2,590,875	3,008,750	2,688,990	2,584,561	2,897,446	2,865,062
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	2,369,152	2,027,478	1,806,278	1,960,851	2,579,229	2,325,286
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	2,119,050	2,006,251	2,388,521	2,035,695	2,768,823	2,425,465
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	2,027,549	2,261,345	1,452,985	2,340,418	2,615,309	2,405,691
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	2,503,027	2,730,999	2,617,420	2,539,820	2,777,260	2,708,559
Oyster Creek Unit VIII	Texas	54676	G81	3,738,995	3,934,374	3,796,265	3,905,412	3,556,322	3,878,684
Oyster Creek Unit VIII	Texas	54676	G82	3,738,995	3,934,374	3,796,265	3,905,412	3,556,322	3,878,684
Oyster Creek Unit VIII	Texas	54676	G83	3,738,995	3,934,374	3,796,265	3,905,412	3,556,322	3,878,684
Pampa Power Plant	Texas	7678	BL09A1						
Pampa Power Plant	Texas	7678	BL10A1						
Pampa Power Plant	Texas	7678	BL11A1						
Paris Energy Center	Texas	50109	HRSG1		1,443,649	1,533,212	1,532,111	762,281	1,502,991
Paris Energy Center	Texas	50109	HRSG2		1,293,593	1,667,814	1,367,188	1,324,623	1,453,208
Pasadena Power Plant	Texas	55047	CG-1	4,347,232	4,666,070	4,564,514	3,859,712	4,970,047	4,733,544
Pasadena Power Plant	Texas	55047	CG-2	3,281,296	3,873,911	3,696,522	3,237,945	2,276,043	3,617,243
Pasadena Power Plant	Texas	55047	CG-3	3,223,622	3,940,650	4,368,999	2,975,404	3,528,803	3,946,151
Permian Basin	Texas	3494	5	451,358	169,684	278,221	339,565	221,221	356,381
Permian Basin	Texas	3494	6	5,836,352	1,694,517	1,956,636	2,323,461	1,652,856	3,372,150
Permian Basin	Texas	3494	CT1			169,609	75,620	71,974	105,735
Permian Basin	Texas	3494	CT2			177,900	103,958	133,558	138,472
Permian Basin	Texas	3494	CT3			122,562	66,423	65,194	84,726

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Odessa-Ector Generating Station	Texas	55215	GT1	1,726,255,329	0.002266	61,841	61,841	140	140
Odessa-Ector Generating Station	Texas	55215	GT2	1,726,255,329	0.002133	61,841	61,841	132	132
Odessa-Ector Generating Station	Texas	55215	GT3	1,726,255,329	0.002355	61,841	61,841	146	146
Odessa-Ector Generating Station	Texas	55215	GT4	1,726,255,329	0.002215	61,841	61,841	137	137
Oklaunion Power Station	Texas	127	1	1,726,255,329	0.011508	61,841	61,841	712	712
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	1,726,255,329	0.001606	61,841	61,841	99	99
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	1,726,255,329	0.001660	61,841	61,841	103	103
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	1,726,255,329	0.001347	61,841	61,841	83	83
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	1,726,255,329	0.001405	61,841	61,841	87	87
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	1,726,255,329	0.001394	61,841	61,841	86	86
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	1,726,255,329	0.001569	61,841	61,841	97	97
Oyster Creek Unit VIII	Texas	54676	G81	1,726,255,329	0.002247	61,841	61,841	139	139
Oyster Creek Unit VIII	Texas	54676	G82	1,726,255,329	0.002247	61,841	61,841	139	139
Oyster Creek Unit VIII	Texas	54676	G83	1,726,255,329	0.002247	61,841	61,841	139	139
Pampa Power Plant	Texas	7678	BL09A1	1,726,255,329		61,841	61,841		
Pampa Power Plant	Texas	7678	BL10A1	1,726,255,329		61,841	61,841		
Pampa Power Plant	Texas	7678	BL11A1	1,726,255,329		61,841	61,841		
Paris Energy Center	Texas	50109	HRSG1	1,726,255,329	0.000871	61,841	61,841	54	54
Paris Energy Center	Texas	50109	HRSG2	1,726,255,329	0.000842	61,841	61,841	52	52
Pasadena Power Plant	Texas	55047	CG-1	1,726,255,329	0.002742	61,841	61,841	170	170
Pasadena Power Plant	Texas	55047	CG-2	1,726,255,329	0.002095	61,841	61,841	130	130
Pasadena Power Plant	Texas	55047	CG-3	1,726,255,329	0.002286	61,841	61,841	141	141
Permian Basin	Texas	3494	5	1,726,255,329	0.000206	61,841	61,841	13	13
Permian Basin	Texas	3494	6	1,726,255,329	0.001953	61,841	61,841	121	121
Permian Basin	Texas	3494	CT1	1,726,255,329	0.000061	61,841	61,841	4	4
Permian Basin	Texas	3494	CT2	1,726,255,329	0.000080	61,841	61,841	5	5
Permian Basin	Texas	3494	CT3	1,726,255,329	0.000049	61,841	61,841	3	3

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Odessa-Ector Generating Station	Texas	55215	GT1	46	50	61	70	52	72
Odessa-Ector Generating Station	Texas	55215	GT2	48	51	59	63	51	60
Odessa-Ector Generating Station	Texas	55215	GT3	49	70	70	73	55	65
Odessa-Ector Generating Station	Texas	55215	GT4	48	52	64	64	52	93
Oklauion Power Station	Texas	127	1	3,274	3,381	4,007	2,530	3,805	3,847
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	143	150	164	140	23	17
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	180	176	173	166	27	19
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	172	122	139	44	14	13
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	140	139	151	132	13	15
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	140	113	134	130	13	9
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	57	53	58	42	41	46
Oyster Creek Unit VIII	Texas	54676	G81		107	101		108	
Oyster Creek Unit VIII	Texas	54676	G82		107	101		108	
Oyster Creek Unit VIII	Texas	54676	G83		107	101		108	
Pampa Power Plant	Texas	7678	BL09A1						
Pampa Power Plant	Texas	7678	BL10A1						
Pampa Power Plant	Texas	7678	BL11A1						
Paris Energy Center	Texas	50109	HRSG1					94	91
Paris Energy Center	Texas	50109	HRSG2					74	97
Pasadena Power Plant	Texas	55047	CG-1	63	60	62	55	58	55
Pasadena Power Plant	Texas	55047	CG-2	58	65	61	56	48	53
Pasadena Power Plant	Texas	55047	CG-3	41	50	38	40	48	46
Permian Basin	Texas	3494	5	57	27	19	67	23	36
Permian Basin	Texas	3494	6	645	352	689	584	206	199
Permian Basin	Texas	3494	CT1						28
Permian Basin	Texas	3494	CT2						30
Permian Basin	Texas	3494	CT3						20

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Odessa-Ector Generating Station	Texas	55215	GT1	44	86	86			
Odessa-Ector Generating Station	Texas	55215	GT2	74	73	74			
Odessa-Ector Generating Station	Texas	55215	GT3	77	98	98			
Odessa-Ector Generating Station	Texas	55215	GT4	82	68	93			
Oklunion Power Station	Texas	127	1	2,590	3,089	4,007			
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	13	18	164			
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	16	24	180			
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	14	14	172			
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	14	17	151			
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	14	15	140			
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	32	32	58			
Oyster Creek Unit VIII	Texas	54676	G81			108			
Oyster Creek Unit VIII	Texas	54676	G82			108			
Oyster Creek Unit VIII	Texas	54676	G83			108			
Pampa Power Plant	Texas	7678	BL09A1			0			
Pampa Power Plant	Texas	7678	BL10A1			0			
Pampa Power Plant	Texas	7678	BL11A1			0			
Paris Energy Center	Texas	50109	HRSG1	106	43	106			
Paris Energy Center	Texas	50109	HRSG2	95	75	97			
Pasadena Power Plant	Texas	55047	CG-1	50	54	63			
Pasadena Power Plant	Texas	55047	CG-2	81	40	81			
Pasadena Power Plant	Texas	55047	CG-3	56	136	136			
Permian Basin	Texas	3494	5	37	26	67			
Permian Basin	Texas	3494	6	203	131	689			
Permian Basin	Texas	3494	CT1	13	12	28			
Permian Basin	Texas	3494	CT2	17	22	30			
Permian Basin	Texas	3494	CT3	11	11	20			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reappportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reappportionment if BV < (CF and CH))
Odessa-Ector Generating Station	Texas	55215	GT1				86	86
Odessa-Ector Generating Station	Texas	55215	GT2				74	74
Odessa-Ector Generating Station	Texas	55215	GT3				98	98
Odessa-Ector Generating Station	Texas	55215	GT4				93	93
Oklunion Power Station	Texas	127	1				1,029	1,029
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101				144	144
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201				148	148
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301				120	120
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401				126	126
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501				125	125
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601				58	58
Oyster Creek Unit VIII	Texas	54676	G81				108	108
Oyster Creek Unit VIII	Texas	54676	G82				108	108
Oyster Creek Unit VIII	Texas	54676	G83				108	108
Pampa Power Plant	Texas	7678	BL09A1				0	0
Pampa Power Plant	Texas	7678	BL10A1				0	0
Pampa Power Plant	Texas	7678	BL11A1				0	0
Paris Energy Center	Texas	50109	HRSG1				78	78
Paris Energy Center	Texas	50109	HRSG2				75	75
Pasadena Power Plant	Texas	55047	CG-1				63	63
Pasadena Power Plant	Texas	55047	CG-2				81	81
Pasadena Power Plant	Texas	55047	CG-3				136	136
Permian Basin	Texas	3494	5				18	18
Permian Basin	Texas	3494	6				175	175
Permian Basin	Texas	3494	CT1				5	5
Permian Basin	Texas	3494	CT2				7	7
Permian Basin	Texas	3494	CT3				4	4

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Odessa-Ector Generating Station	Texas	55215	GT1	86	86	86	86	Y
Odessa-Ector Generating Station	Texas	55215	GT2	74	74	74	74	Y
Odessa-Ector Generating Station	Texas	55215	GT3	98	98	98	98	Y
Odessa-Ector Generating Station	Texas	55215	GT4	93	93	93	93	Y
Oklaunion Power Station	Texas	127	1	1,029	1,029	1,029	1,029	Y
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	144	144	144	144	Y
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	148	148	148	148	Y
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	120	120	120	120	Y
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	126	126	126	126	Y
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	125	125	125	125	Y
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	58	58	58	58	Y
Oyster Creek Unit VIII	Texas	54676	G81	108	108	108	108	Y
Oyster Creek Unit VIII	Texas	54676	G82	108	108	108	108	Y
Oyster Creek Unit VIII	Texas	54676	G83	108	108	108	108	Y
Pampa Power Plant	Texas	7678	BL09A1	0	0	0	0	Y
Pampa Power Plant	Texas	7678	BL10A1	0	0	0	0	Y
Pampa Power Plant	Texas	7678	BL11A1	0	0	0	0	Y
Paris Energy Center	Texas	50109	HRSG1	78	78	78	78	Y
Paris Energy Center	Texas	50109	HRSG2	75	75	75	75	Y
Pasadena Power Plant	Texas	55047	CG-1	63	63	63	63	Y
Pasadena Power Plant	Texas	55047	CG-2	81	81	81	81	Y
Pasadena Power Plant	Texas	55047	CG-3	136	136	136	136	Y
Permian Basin	Texas	3494	5	18	18	18	18	Y
Permian Basin	Texas	3494	6	175	175	175	175	Y
Permian Basin	Texas	3494	CT1	5	5	5	5	Y
Permian Basin	Texas	3494	CT2	7	7	7	7	Y
Permian Basin	Texas	3494	CT3	4	4	4	4	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Odessa-Ector Generating Station	Texas	55215	GT1		Y	Y		
Odessa-Ector Generating Station	Texas	55215	GT2		Y	Y		
Odessa-Ector Generating Station	Texas	55215	GT3		Y	Y		
Odessa-Ector Generating Station	Texas	55215	GT4		Y	Y		
Oklauion Power Station	Texas	127	1		Y	Y		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101		Y	Y		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201		Y	Y		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301		Y	Y		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401		Y	Y		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501		Y	Y		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601		Y	Y		
Oyster Creek Unit VIII	Texas	54676	G81		Y	Y	Y	
Oyster Creek Unit VIII	Texas	54676	G82		Y	Y	Y	
Oyster Creek Unit VIII	Texas	54676	G83		Y	Y	Y	
Pampa Power Plant	Texas	7678	BL09A1		Y	Y		
Pampa Power Plant	Texas	7678	BL10A1		Y	Y		
Pampa Power Plant	Texas	7678	BL11A1		Y	Y		
Paris Energy Center	Texas	50109	HRSG1		Y	Y		
Paris Energy Center	Texas	50109	HRSG2		Y	Y		
Pasadena Power Plant	Texas	55047	CG-1		Y	Y		
Pasadena Power Plant	Texas	55047	CG-2		Y	Y		
Pasadena Power Plant	Texas	55047	CG-3		Y	Y		
Permian Basin	Texas	3494	5		Y	Y		
Permian Basin	Texas	3494	6		Y	Y		
Permian Basin	Texas	3494	CT1		Y	Y		
Permian Basin	Texas	3494	CT2		Y	Y		
Permian Basin	Texas	3494	CT3		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Permian Basin	Texas	3494	CT4	90026			193,509	140,723	286,896
Permian Basin	Texas	3494	CT5	90027			83,665	152,892	240,500
Plant X	Texas	3485	111B	2401	699,193	1,194,887	572,973	733,811	1,138,763
Plant X	Texas	3485	112B	2402	2,088,982	1,662,609	1,238,501	1,167,156	2,932,116
Plant X	Texas	3485	113B	2403	3,178,615	2,509,683	927,612	1,958,272	2,208,577
Plant X	Texas	3485	114B	2404	8,345,299	9,780,941	8,326,032	7,060,621	6,164,434
Port Neches Plant	Texas	54748	G1		3,830,107	3,992,061	3,871,959	3,926,238	
Power Lane Steam Plant	Texas	4195	2	2640	108,738	106,667	133,610	178,623	158,258
Power Lane Steam Plant	Texas	4195	3	2641	353,953	37,961	279,083	466,902	333,833
Quail Run Energy Center	Texas	56349	CT1A	89698		1,315,097	2,547,519	2,487,104	1,648,528
Quail Run Energy Center	Texas	56349	CT1B	89699		1,265,678	2,616,144	2,278,348	1,437,411
Quail Run Energy Center	Texas	56349	CT2A	4575			1,825,800	2,438,283	1,839,778
Quail Run Energy Center	Texas	56349	CT2B	4576			1,867,861	2,387,023	1,732,108
R W Miller	Texas	3628	**4	2491	1,225,238	303,205	561,266	373,254	365,018
R W Miller	Texas	3628	**5	2492	1,045,319	503,222	1,003,695	668,197	250,949
R W Miller	Texas	3628	1	2493	868,069	93,760	524,163	324,240	260,667
R W Miller	Texas	3628	2	2494	1,476,116	583,543	1,403,889	1,380,067	1,268,011
R W Miller	Texas	3628	3	2495	4,470,014	2,442,167	3,246,030	3,888,238	2,464,807
Ray Olinger	Texas	3576	BW2	2464	2,340,459	1,930,978	738,771	558,932	542,195
Ray Olinger	Texas	3576	BW3	2465	1,379,175	769,405	561,125	745,772	647,085
Ray Olinger	Texas	3576	CE1	2466	1,642,727	506,679	96,043	180,746	137,718
Ray Olinger	Texas	3576	GE4	2467	542,022	244,108	131,961	134,572	130,066
Rio Nogales Power Project, LP	Texas	55137	CTG-1	3975	9,935,821	6,716,718	7,590,781	5,573,228	5,904,503
Rio Nogales Power Project, LP	Texas	55137	CTG-2	3976	10,206,575	6,348,482	6,952,145	5,750,961	5,075,363
Rio Nogales Power Project, LP	Texas	55137	CTG-3	3977	8,657,471	5,726,171	6,406,221	5,963,670	4,969,066
Roland C. Dansby Power Plant	Texas	6243	1	2860	3,306,228	3,087,966	1,454,408	839,567	844,070
Roland C. Dansby Power Plant	Texas	6243	2	89412	870,347	514,978	522,941	307,390	305,215

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Permian Basin	Texas	3494	CT4	207,043	3,511,906,933	0.000059	279,747	279,747
Permian Basin	Texas	3494	CT5	159,019	3,511,906,933	0.000045	279,747	279,747
Plant X	Texas	3485	111B	1,022,487	3,511,906,933	0.000291	279,747	279,747
Plant X	Texas	3485	112B	2,227,902	3,511,906,933	0.000634	279,747	279,747
Plant X	Texas	3485	113B	2,632,292	3,511,906,933	0.000750	279,747	279,747
Plant X	Texas	3485	114B	8,817,424	3,511,906,933	0.002511	279,747	279,747
Port Neches Plant	Texas	54748	G1	3,930,086	3,511,906,933	0.001119	279,747	279,747
Power Lane Steam Plant	Texas	4195	2	156,830	3,511,906,933	0.000045	279,747	279,747
Power Lane Steam Plant	Texas	4195	3	384,896	3,511,906,933	0.000110	279,747	279,747
Quail Run Energy Center	Texas	56349	CT1A	2,227,717	3,511,906,933	0.000634	279,747	279,747
Quail Run Energy Center	Texas	56349	CT1B	2,110,634	3,511,906,933	0.000601	279,747	279,747
Quail Run Energy Center	Texas	56349	CT2A	2,034,620	3,511,906,933	0.000579	279,747	279,747
Quail Run Energy Center	Texas	56349	CT2B	1,995,664	3,511,906,933	0.000568	279,747	279,747
R W Miller	Texas	3628	**4	719,919	3,511,906,933	0.000205	279,747	279,747
R W Miller	Texas	3628	**5	905,737	3,511,906,933	0.000258	279,747	279,747
R W Miller	Texas	3628	1	572,157	3,511,906,933	0.000163	279,747	279,747
R W Miller	Texas	3628	2	1,420,024	3,511,906,933	0.000404	279,747	279,747
R W Miller	Texas	3628	3	3,868,094	3,511,906,933	0.001101	279,747	279,747
Ray Olinger	Texas	3576	BW2	1,670,069	3,511,906,933	0.000476	279,747	279,747
Ray Olinger	Texas	3576	BW3	964,784	3,511,906,933	0.000275	279,747	279,747
Ray Olinger	Texas	3576	CE1	776,718	3,511,906,933	0.000221	279,747	279,747
Ray Olinger	Texas	3576	GE4	306,901	3,511,906,933	0.000087	279,747	279,747
Rio Nogales Power Project, LP	Texas	55137	CTG-1	8,081,107	3,511,906,933	0.002301	279,747	279,747
Rio Nogales Power Project, LP	Texas	55137	CTG-2	7,835,734	3,511,906,933	0.002231	279,747	279,747
Rio Nogales Power Project, LP	Texas	55137	CTG-3	7,009,121	3,511,906,933	0.001996	279,747	279,747
Roland C. Dansby Power Plant	Texas	6243	1	2,616,201	3,511,906,933	0.000745	279,747	279,747
Roland C. Dansby Power Plant	Texas	6243	2	636,089	3,511,906,933	0.000181	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Permian Basin	Texas	3494	CT4	129,571	129,571	16	16	8	8
Permian Basin	Texas	3494	CT5	129,571	129,571	13	13	6	6
Plant X	Texas	3485	111B	129,571	129,571	81	81	38	38
Plant X	Texas	3485	112B	129,571	129,571	177	177	82	82
Plant X	Texas	3485	113B	129,571	129,571	210	210	97	97
Plant X	Texas	3485	114B	129,571	129,571	702	702	325	325
Port Neches Plant	Texas	54748	G1	129,571	129,571	313	313	145	145
Power Lane Steam Plant	Texas	4195	2	129,571	129,571	12	12	6	6
Power Lane Steam Plant	Texas	4195	3	129,571	129,571	31	31	14	14
Quail Run Energy Center	Texas	56349	CT1A	129,571	129,571	177	177	82	82
Quail Run Energy Center	Texas	56349	CT1B	129,571	129,571	168	168	78	78
Quail Run Energy Center	Texas	56349	CT2A	129,571	129,571	162	162	75	75
Quail Run Energy Center	Texas	56349	CT2B	129,571	129,571	159	159	74	74
R W Miller	Texas	3628	**4	129,571	129,571	57	57	27	27
R W Miller	Texas	3628	**5	129,571	129,571	72	72	33	33
R W Miller	Texas	3628	1	129,571	129,571	46	46	21	21
R W Miller	Texas	3628	2	129,571	129,571	113	113	52	52
R W Miller	Texas	3628	3	129,571	129,571	308	308	143	143
Ray Olinger	Texas	3576	BW2	129,571	129,571	133	133	62	62
Ray Olinger	Texas	3576	BW3	129,571	129,571	77	77	36	36
Ray Olinger	Texas	3576	CE1	129,571	129,571	62	62	29	29
Ray Olinger	Texas	3576	GE4	129,571	129,571	24	24	11	11
Rio Nogales Power Project, LP	Texas	55137	CTG-1	129,571	129,571	644	644	298	298
Rio Nogales Power Project, LP	Texas	55137	CTG-2	129,571	129,571	624	624	289	289
Rio Nogales Power Project, LP	Texas	55137	CTG-3	129,571	129,571	558	558	259	259
Roland C. Dansby Power Plant	Texas	6243	1	129,571	129,571	208	208	97	97
Roland C. Dansby Power Plant	Texas	6243	2	129,571	129,571	51	51	23	23

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Permian Basin	Texas	3494	CT4						3
Permian Basin	Texas	3494	CT5						2
Plant X	Texas	3485	111B	0	0	0	0	0	0
Plant X	Texas	3485	112B	0	1	1	1	0	0
Plant X	Texas	3485	113B	1	1	1	1	1	0
Plant X	Texas	3485	114B	2	3	2	3	3	3
Port Neches Plant	Texas	54748	G1		7	6		7	
Power Lane Steam Plant	Texas	4195	2	0	0	0	0	0	0
Power Lane Steam Plant	Texas	4195	3	0	0	0	0	0	0
Quail Run Energy Center	Texas	56349	CT1A					0	1
Quail Run Energy Center	Texas	56349	CT1B					0	1
Quail Run Energy Center	Texas	56349	CT2A	0					1
Quail Run Energy Center	Texas	56349	CT2B	0					1
R W Miller	Texas	3628	**4	0	0	0	0	0	0
R W Miller	Texas	3628	**5	0	0	0	0	0	0
R W Miller	Texas	3628	1	0	0	0	0	0	0
R W Miller	Texas	3628	2	2	0	1	0	0	0
R W Miller	Texas	3628	3	6	1	2	2	1	1
Ray Olinger	Texas	3576	BW2	3	1	1	1	2	0
Ray Olinger	Texas	3576	BW3	1	1	1	0	0	0
Ray Olinger	Texas	3576	CE1	0	1	0	0	1	0
Ray Olinger	Texas	3576	GE4	0	0	0	0	0	0
Rio Nogales Power Project, LP	Texas	55137	CTG-1	1	1	2	3	2	2
Rio Nogales Power Project, LP	Texas	55137	CTG-2	1	1	2	3	2	2
Rio Nogales Power Project, LP	Texas	55137	CTG-3	1	1	2	3	2	2
Roland C. Dansby Power Plant	Texas	6243	1	3	1	1	1	1	0
Roland C. Dansby Power Plant	Texas	6243	2		0	0	0	0	0

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Permian Basin	Texas	3494	CT4	0	0	3			
Permian Basin	Texas	3494	CT5	0	0	2			
Plant X	Texas	3485	111B	0	0	0			
Plant X	Texas	3485	112B	0	1	1			
Plant X	Texas	3485	113B	1	1	1			
Plant X	Texas	3485	114B	2	2	3			
Port Neches Plant	Texas	54748	G1			7			
Power Lane Steam Plant	Texas	4195	2	0	0	0			
Power Lane Steam Plant	Texas	4195	3	0	0	0			
Quail Run Energy Center	Texas	56349	CT1A	1	0	1			
Quail Run Energy Center	Texas	56349	CT1B	1	0	1			
Quail Run Energy Center	Texas	56349	CT2A	1	1	1			
Quail Run Energy Center	Texas	56349	CT2B	1	1	1			
R W Miller	Texas	3628	**4	0	0	0			
R W Miller	Texas	3628	**5	0	0	0			
R W Miller	Texas	3628	1	0	0	0			
R W Miller	Texas	3628	2	0	0	2			
R W Miller	Texas	3628	3	1	1	6			
Ray Olinger	Texas	3576	BW2	0	0	3			
Ray Olinger	Texas	3576	BW3	0	0	1			
Ray Olinger	Texas	3576	CE1	0	0	1			
Ray Olinger	Texas	3576	GE4	0	0	0			
Rio Nogales Power Project, LP	Texas	55137	CTG-1	2	2	3			
Rio Nogales Power Project, LP	Texas	55137	CTG-2	2	2	3			
Rio Nogales Power Project, LP	Texas	55137	CTG-3	2	1	3			
Roland C. Dansby Power Plant	Texas	6243	1	0	0	3			
Roland C. Dansby Power Plant	Texas	6243	2	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Permian Basin	Texas	3494	CT4						
Permian Basin	Texas	3494	CT5						
Plant X	Texas	3485	111B				114	198	28
Plant X	Texas	3485	112B				73	109	105
Plant X	Texas	3485	113B				211	218	272
Plant X	Texas	3485	114B				673	714	490
Port Neches Plant	Texas	54748	G1					200	161
Power Lane Steam Plant	Texas	4195	2				4	1	22
Power Lane Steam Plant	Texas	4195	3				3	4	29
Quail Run Energy Center	Texas	56349	CT1A						
Quail Run Energy Center	Texas	56349	CT1B						
Quail Run Energy Center	Texas	56349	CT2A				0		
Quail Run Energy Center	Texas	56349	CT2B				0		
R W Miller	Texas	3628	**4				19	15	41
R W Miller	Texas	3628	**5				20	15	56
R W Miller	Texas	3628	1				4	19	132
R W Miller	Texas	3628	2				79	55	285
R W Miller	Texas	3628	3				204	147	214
Ray Olinger	Texas	3576	BW2				123	107	74
Ray Olinger	Texas	3576	BW3				180	103	66
Ray Olinger	Texas	3576	CE1				44	41	38
Ray Olinger	Texas	3576	GE4				7	5	8
Rio Nogales Power Project, LP	Texas	55137	CTG-1				79	76	123
Rio Nogales Power Project, LP	Texas	55137	CTG-2				155	82	113
Rio Nogales Power Project, LP	Texas	55137	CTG-3				69	69	108
Roland C. Dansby Power Plant	Texas	6243	1				147	193	311
Roland C. Dansby Power Plant	Texas	6243	2					2	5

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Permian Basin	Texas	3494	CT4			33	23	48	48
Permian Basin	Texas	3494	CT5			15	25	40	40
Plant X	Texas	3485	111B	108	157	59	116	177	198
Plant X	Texas	3485	112B	104	74	62	49	109	109
Plant X	Texas	3485	113B	287	202	86	163	133	287
Plant X	Texas	3485	114B	521	596	472	360	323	714
Port Neches Plant	Texas	54748	G1		184				200
Power Lane Steam Plant	Texas	4195	2	13	11	17	21	19	22
Power Lane Steam Plant	Texas	4195	3	23	2	16	27	19	29
Quail Run Energy Center	Texas	56349	CT1A		14	24	23	16	24
Quail Run Energy Center	Texas	56349	CT1B		12	22	20	12	22
Quail Run Energy Center	Texas	56349	CT2A			19	23	18	23
Quail Run Energy Center	Texas	56349	CT2B			16	19	16	19
R W Miller	Texas	3628	**4	38	11	22	18	16	41
R W Miller	Texas	3628	**5	36	18	38	30	11	56
R W Miller	Texas	3628	1	85	8	48	33	27	132
R W Miller	Texas	3628	2	199	59	167	194	166	285
R W Miller	Texas	3628	3	239	121	156	205	120	239
Ray Olinger	Texas	3576	BW2	61	52	19	15	14	123
Ray Olinger	Texas	3576	BW3	36	19	14	19	15	180
Ray Olinger	Texas	3576	CE1	43	13	3	4	4	44
Ray Olinger	Texas	3576	GE4	7	4	2	2	2	8
Rio Nogales Power Project, LP	Texas	55137	CTG-1	124	113	125	77	85	125
Rio Nogales Power Project, LP	Texas	55137	CTG-2	132	93	104	80	75	155
Rio Nogales Power Project, LP	Texas	55137	CTG-3	114	87	103	85	73	114
Roland C. Dansby Power Plant	Texas	6243	1	174	160	66	43	35	311
Roland C. Dansby Power Plant	Texas	6243	2	5	4	4	2	2	5

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual	2013 Annual	2014 Annual	2015 Annual	2016 Annual	2017 Annual
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Permian Basin	Texas	3494	CT4						
Permian Basin	Texas	3494	CT5						
Plant X	Texas	3485	111B						
Plant X	Texas	3485	112B						
Plant X	Texas	3485	113B						
Plant X	Texas	3485	114B						
Port Neches Plant	Texas	54748	G1						
Power Lane Steam Plant	Texas	4195	2						
Power Lane Steam Plant	Texas	4195	3						
Quail Run Energy Center	Texas	56349	CT1A						
Quail Run Energy Center	Texas	56349	CT1B						
Quail Run Energy Center	Texas	56349	CT2A						
Quail Run Energy Center	Texas	56349	CT2B						
R W Miller	Texas	3628	**4						
R W Miller	Texas	3628	**5						
R W Miller	Texas	3628	1						
R W Miller	Texas	3628	2						
R W Miller	Texas	3628	3						
Ray Olinger	Texas	3576	BW2						
Ray Olinger	Texas	3576	BW3						
Ray Olinger	Texas	3576	CE1						
Ray Olinger	Texas	3576	GE4						
Rio Nogales Power Project, LP	Texas	55137	CTG-1						
Rio Nogales Power Project, LP	Texas	55137	CTG-2						
Rio Nogales Power Project, LP	Texas	55137	CTG-3						
Roland C. Dansby Power Plant	Texas	6243	1						
Roland C. Dansby Power Plant	Texas	6243	2						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Permian Basin	Texas	3494	CT4	3	3	3	3
Permian Basin	Texas	3494	CT5	2	2	2	2
Plant X	Texas	3485	111B	0	0	0	0
Plant X	Texas	3485	112B	1	1	1	1
Plant X	Texas	3485	113B	1	1	1	1
Plant X	Texas	3485	114B	3	3	3	3
Port Neches Plant	Texas	54748	G1	7	7	7	7
Power Lane Steam Plant	Texas	4195	2	0	0	0	0
Power Lane Steam Plant	Texas	4195	3	0	0	0	0
Quail Run Energy Center	Texas	56349	CT1A	1	1	1	1
Quail Run Energy Center	Texas	56349	CT1B	1	1	1	1
Quail Run Energy Center	Texas	56349	CT2A	1	1	1	1
Quail Run Energy Center	Texas	56349	CT2B	1	1	1	1
R W Miller	Texas	3628	**4	0	0	0	0
R W Miller	Texas	3628	**5	0	0	0	0
R W Miller	Texas	3628	1	0	0	0	0
R W Miller	Texas	3628	2	2	2	2	2
R W Miller	Texas	3628	3	6	6	6	6
Ray Olinger	Texas	3576	BW2	3	3	3	3
Ray Olinger	Texas	3576	BW3	1	1	1	1
Ray Olinger	Texas	3576	CE1	1	1	1	1
Ray Olinger	Texas	3576	GE4	0	0	0	0
Rio Nogales Power Project, LP	Texas	55137	CTG-1	3	3	3	3
Rio Nogales Power Project, LP	Texas	55137	CTG-2	3	3	3	3
Rio Nogales Power Project, LP	Texas	55137	CTG-3	3	3	3	3
Roland C. Dansby Power Plant	Texas	6243	1	3	3	3	3
Roland C. Dansby Power Plant	Texas	6243	2	0	0	0	0

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Permian Basin	Texas	3494	CT4	3	3	11	11
Permian Basin	Texas	3494	CT5	2	2	8	8
Plant X	Texas	3485	111B	0	0	53	53
Plant X	Texas	3485	112B	1	1	109	109
Plant X	Texas	3485	113B	1	1	136	136
Plant X	Texas	3485	114B	3	3	454	454
Port Neches Plant	Texas	54748	G1	7	7	200	200
Power Lane Steam Plant	Texas	4195	2	0	0	8	8
Power Lane Steam Plant	Texas	4195	3	0	0	20	20
Quail Run Energy Center	Texas	56349	CT1A	1	1	24	24
Quail Run Energy Center	Texas	56349	CT1B	1	1	22	22
Quail Run Energy Center	Texas	56349	CT2A	1	1	23	23
Quail Run Energy Center	Texas	56349	CT2B	1	1	19	19
R W Miller	Texas	3628	**4	0	0	37	37
R W Miller	Texas	3628	**5	0	0	47	47
R W Miller	Texas	3628	1	0	0	29	29
R W Miller	Texas	3628	2	2	2	73	73
R W Miller	Texas	3628	3	6	6	199	199
Ray Olinger	Texas	3576	BW2	3	3	86	86
Ray Olinger	Texas	3576	BW3	1	1	50	50
Ray Olinger	Texas	3576	CE1	1	1	40	40
Ray Olinger	Texas	3576	GE4	0	0	8	8
Rio Nogales Power Project, LP	Texas	55137	CTG-1	3	3	125	125
Rio Nogales Power Project, LP	Texas	55137	CTG-2	3	3	155	155
Rio Nogales Power Project, LP	Texas	55137	CTG-3	3	3	114	114
Roland C. Dansby Power Plant	Texas	6243	1	3	3	135	135
Roland C. Dansby Power Plant	Texas	6243	2	0	0	5	5

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Permian Basin	Texas	3494	CT4	11	11	11	11
Permian Basin	Texas	3494	CT5	8	8	8	8
Plant X	Texas	3485	111B	53	53	53	53
Plant X	Texas	3485	112B	109	109	109	109
Plant X	Texas	3485	113B	136	136	136	136
Plant X	Texas	3485	114B	454	454	454	454
Port Neches Plant	Texas	54748	G1	200	200	200	200
Power Lane Steam Plant	Texas	4195	2	8	8	8	8
Power Lane Steam Plant	Texas	4195	3	20	20	20	20
Quail Run Energy Center	Texas	56349	CT1A	24	24	24	24
Quail Run Energy Center	Texas	56349	CT1B	22	22	22	22
Quail Run Energy Center	Texas	56349	CT2A	23	23	23	23
Quail Run Energy Center	Texas	56349	CT2B	19	19	19	19
R W Miller	Texas	3628	**4	37	37	37	37
R W Miller	Texas	3628	**5	47	47	47	47
R W Miller	Texas	3628	1	29	29	29	29
R W Miller	Texas	3628	2	73	73	73	73
R W Miller	Texas	3628	3	199	199	199	199
Ray Olinger	Texas	3576	BW2	86	86	86	86
Ray Olinger	Texas	3576	BW3	50	50	50	50
Ray Olinger	Texas	3576	CE1	40	40	40	40
Ray Olinger	Texas	3576	GE4	8	8	8	8
Rio Nogales Power Project, LP	Texas	55137	CTG-1	125	125	125	125
Rio Nogales Power Project, LP	Texas	55137	CTG-2	155	155	155	155
Rio Nogales Power Project, LP	Texas	55137	CTG-3	114	114	114	114
Roland C. Dansby Power Plant	Texas	6243	1	135	135	135	135
Roland C. Dansby Power Plant	Texas	6243	2	5	5	5	5

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Permian Basin	Texas	3494	CT4			113,751	96,541	195,319	135,204
Permian Basin	Texas	3494	CT5			31,790	88,249	144,927	88,322
Plant X	Texas	3485	111B	631,262	844,433	445,202	498,551	937,608	804,434
Plant X	Texas	3485	112B	1,249,815	896,069	863,316	969,760	1,275,594	1,165,056
Plant X	Texas	3485	113B	1,358,907	1,223,209	762,124	1,374,221	1,019,966	1,318,779
Plant X	Texas	3485	114B	4,518,965	4,498,903	3,743,479	3,153,088	3,389,757	4,253,783
Port Neches Plant	Texas	54748	G1	1,763,846	1,957,371	1,976,468	2,107,456		2,013,765
Power Lane Steam Plant	Texas	4195	2	88,427	65,106	98,643	102,703	121,623	107,656
Power Lane Steam Plant	Texas	4195	3	286,220	25,269	172,423	265,681	255,911	269,270
Quail Run Energy Center	Texas	56349	CT1A		906,274	1,477,795	1,844,786	1,290,964	1,537,849
Quail Run Energy Center	Texas	56349	CT1B		901,521	1,455,744	1,665,027	1,184,067	1,434,946
Quail Run Energy Center	Texas	56349	CT2A			1,434,833	1,706,421	1,466,669	1,535,975
Quail Run Energy Center	Texas	56349	CT2B			1,458,715	1,653,944	1,399,346	1,504,002
R W Miller	Texas	3628	**4	937,607	198,437	428,264	233,055	317,214	561,028
R W Miller	Texas	3628	**5	629,108	309,633	710,356	274,379	159,550	549,699
R W Miller	Texas	3628	1	787,990	84,027	515,204	317,535	245,468	540,243
R W Miller	Texas	3628	2	1,462,999	449,683	1,311,149	1,220,271	1,114,964	1,331,473
R W Miller	Texas	3628	3	3,270,036	1,738,854	2,695,027	2,306,570	2,251,561	2,757,211
Ray Olinger	Texas	3576	BW2	1,235,946	946,372	629,442	555,146	519,526	937,253
Ray Olinger	Texas	3576	BW3	1,172,699	768,404	501,175	654,795	641,993	865,299
Ray Olinger	Texas	3576	CE1	1,191,758	249,815	95,743	180,746	137,718	540,773
Ray Olinger	Texas	3576	GE4	435,788	186,398	73,024	118,861	116,100	247,016
Rio Nogales Power Project, LP	Texas	55137	CTG-1	5,049,624	4,183,041	4,400,504	4,064,050	4,109,734	4,544,389
Rio Nogales Power Project, LP	Texas	55137	CTG-2	5,233,152	3,974,890	4,214,115	4,494,060	3,445,485	4,647,109
Rio Nogales Power Project, LP	Texas	55137	CTG-3	4,823,740	3,529,013	4,055,729	4,535,875	3,362,648	4,471,781
Roland C. Dansby Power Plant	Texas	6243	1	1,626,635	1,399,948	1,285,956	757,332	798,994	1,437,513
Roland C. Dansby Power Plant	Texas	6243	2	635,918	413,273	224,583	178,793	174,615	424,591

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Permian Basin	Texas	3494	CT4	1,726,255,329	0.000078	61,841	61,841	5	5
Permian Basin	Texas	3494	CT5	1,726,255,329	0.000051	61,841	61,841	3	3
Plant X	Texas	3485	111B	1,726,255,329	0.000466	61,841	61,841	29	29
Plant X	Texas	3485	112B	1,726,255,329	0.000675	61,841	61,841	42	42
Plant X	Texas	3485	113B	1,726,255,329	0.000764	61,841	61,841	47	47
Plant X	Texas	3485	114B	1,726,255,329	0.002464	61,841	61,841	152	152
Port Neches Plant	Texas	54748	G1	1,726,255,329	0.001167	61,841	61,841	72	72
Power Lane Steam Plant	Texas	4195	2	1,726,255,329	0.000062	61,841	61,841	4	4
Power Lane Steam Plant	Texas	4195	3	1,726,255,329	0.000156	61,841	61,841	10	10
Quail Run Energy Center	Texas	56349	CT1A	1,726,255,329	0.000891	61,841	61,841	55	55
Quail Run Energy Center	Texas	56349	CT1B	1,726,255,329	0.000831	61,841	61,841	51	51
Quail Run Energy Center	Texas	56349	CT2A	1,726,255,329	0.000890	61,841	61,841	55	55
Quail Run Energy Center	Texas	56349	CT2B	1,726,255,329	0.000871	61,841	61,841	54	54
R W Miller	Texas	3628	**4	1,726,255,329	0.000325	61,841	61,841	20	20
R W Miller	Texas	3628	**5	1,726,255,329	0.000318	61,841	61,841	20	20
R W Miller	Texas	3628	1	1,726,255,329	0.000313	61,841	61,841	19	19
R W Miller	Texas	3628	2	1,726,255,329	0.000771	61,841	61,841	48	48
R W Miller	Texas	3628	3	1,726,255,329	0.001597	61,841	61,841	99	99
Ray Olinger	Texas	3576	BW2	1,726,255,329	0.000543	61,841	61,841	34	34
Ray Olinger	Texas	3576	BW3	1,726,255,329	0.000501	61,841	61,841	31	31
Ray Olinger	Texas	3576	CE1	1,726,255,329	0.000313	61,841	61,841	19	19
Ray Olinger	Texas	3576	GE4	1,726,255,329	0.000143	61,841	61,841	9	9
Rio Nogales Power Project, LP	Texas	55137	CTG-1	1,726,255,329	0.002633	61,841	61,841	163	163
Rio Nogales Power Project, LP	Texas	55137	CTG-2	1,726,255,329	0.002692	61,841	61,841	166	166
Rio Nogales Power Project, LP	Texas	55137	CTG-3	1,726,255,329	0.002590	61,841	61,841	160	160
Roland C. Dansby Power Plant	Texas	6243	1	1,726,255,329	0.000833	61,841	61,841	51	51
Roland C. Dansby Power Plant	Texas	6243	2	1,726,255,329	0.000246	61,841	61,841	15	15

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Permian Basin	Texas	3494	CT4						19
Permian Basin	Texas	3494	CT5						5
Plant X	Texas	3485	111B	108	92	28	97	122	36
Plant X	Texas	3485	112B	64	69	82	58	37	41
Plant X	Texas	3485	113B	131	105	149	126	102	70
Plant X	Texas	3485	114B	394	323	234	266	295	217
Port Neches Plant	Texas	54748	G1		86	83		90	
Power Lane Steam Plant	Texas	4195	2	1	0	21	11	8	13
Power Lane Steam Plant	Texas	4195	3	2	2	25	18	1	9
Quail Run Energy Center	Texas	56349	CT1A					10	13
Quail Run Energy Center	Texas	56349	CT1B					9	12
Quail Run Energy Center	Texas	56349	CT2A	0					14
Quail Run Energy Center	Texas	56349	CT2B	0					12
R W Miller	Texas	3628	**4	10	5	28	29	7	16
R W Miller	Texas	3628	**5	10	4	29	22	10	26
R W Miller	Texas	3628	1	2	3	84	77	7	47
R W Miller	Texas	3628	2	11	26	223	198	48	155
R W Miller	Texas	3628	3	105	60	129	172	84	126
Ray Olinger	Texas	3576	BW2	35	57	41	34	25	17
Ray Olinger	Texas	3576	BW3	89	36	32	31	19	12
Ray Olinger	Texas	3576	CE1	23	21	22	31	7	3
Ray Olinger	Texas	3576	GE4	4	3	6	5	2	1
Rio Nogales Power Project, LP	Texas	55137	CTG-1	67	49	66	59	68	70
Rio Nogales Power Project, LP	Texas	55137	CTG-2	143	47	60	65	58	61
Rio Nogales Power Project, LP	Texas	55137	CTG-3	57	45	63	59	52	64
Roland C. Dansby Power Plant	Texas	6243	1	60	103	195	84	69	57
Roland C. Dansby Power Plant	Texas	6243	2		1	4	3	3	2

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Permian Basin	Texas	3494	CT4	16	33	33			
Permian Basin	Texas	3494	CT5	15	24	24			
Plant X	Texas	3485	111B	73	142	142			
Plant X	Texas	3485	112B	40	45	82			
Plant X	Texas	3485	113B	116	63	149			
Plant X	Texas	3485	114B	169	189	394			
Port Neches Plant	Texas	54748	G1			90			
Power Lane Steam Plant	Texas	4195	2	13	15	21			
Power Lane Steam Plant	Texas	4195	3	15	15	25			
Quail Run Energy Center	Texas	56349	CT1A	16	12	16			
Quail Run Energy Center	Texas	56349	CT1B	15	10	15			
Quail Run Energy Center	Texas	56349	CT2A	16	14	16			
Quail Run Energy Center	Texas	56349	CT2B	14	12	14			
R W Miller	Texas	3628	**4	11	14	29			
R W Miller	Texas	3628	**5	13	7	29			
R W Miller	Texas	3628	1	32	26	84			
R W Miller	Texas	3628	2	171	149	223			
R W Miller	Texas	3628	3	114	108	172			
Ray Olinger	Texas	3576	BW2	14	13	57			
Ray Olinger	Texas	3576	BW3	17	15	89			
Ray Olinger	Texas	3576	CE1	4	4	31			
Ray Olinger	Texas	3576	GE4	2	2	6			
Rio Nogales Power Project, LP	Texas	55137	CTG-1	55	58	70			
Rio Nogales Power Project, LP	Texas	55137	CTG-2	62	50	143			
Rio Nogales Power Project, LP	Texas	55137	CTG-3	63	48	64			
Roland C. Dansby Power Plant	Texas	6243	1	38	33	195			
Roland C. Dansby Power Plant	Texas	6243	2	1	1	4			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Permian Basin	Texas	3494	CT4				7	7
Permian Basin	Texas	3494	CT5				5	5
Plant X	Texas	3485	111B				42	42
Plant X	Texas	3485	112B				60	60
Plant X	Texas	3485	113B				68	68
Plant X	Texas	3485	114B				220	220
Port Neches Plant	Texas	54748	G1				90	90
Power Lane Steam Plant	Texas	4195	2				6	6
Power Lane Steam Plant	Texas	4195	3				14	14
Quail Run Energy Center	Texas	56349	CT1A				16	16
Quail Run Energy Center	Texas	56349	CT1B				15	15
Quail Run Energy Center	Texas	56349	CT2A				16	16
Quail Run Energy Center	Texas	56349	CT2B				14	14
R W Miller	Texas	3628	**4				29	29
R W Miller	Texas	3628	**5				28	28
R W Miller	Texas	3628	1				28	28
R W Miller	Texas	3628	2				69	69
R W Miller	Texas	3628	3				143	143
Ray Olinger	Texas	3576	BW2				49	49
Ray Olinger	Texas	3576	BW3				45	45
Ray Olinger	Texas	3576	CE1				28	28
Ray Olinger	Texas	3576	GE4				6	6
Rio Nogales Power Project, LP	Texas	55137	CTG-1				70	70
Rio Nogales Power Project, LP	Texas	55137	CTG-2				143	143
Rio Nogales Power Project, LP	Texas	55137	CTG-3				64	64
Roland C. Dansby Power Plant	Texas	6243	1				74	74
Roland C. Dansby Power Plant	Texas	6243	2				4	4

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Permian Basin	Texas	3494	CT4	7	7	7	7	Y
Permian Basin	Texas	3494	CT5	5	5	5	5	Y
Plant X	Texas	3485	111B	42	42	42	42	Y
Plant X	Texas	3485	112B	60	60	60	60	Y
Plant X	Texas	3485	113B	68	68	68	68	Y
Plant X	Texas	3485	114B	220	220	220	220	Y
Port Neches Plant	Texas	54748	G1	90	90	90	90	Y
Power Lane Steam Plant	Texas	4195	2	6	6	6	6	Y
Power Lane Steam Plant	Texas	4195	3	14	14	14	14	Y
Quail Run Energy Center	Texas	56349	CT1A	16	16	16	16	Y
Quail Run Energy Center	Texas	56349	CT1B	15	15	15	15	Y
Quail Run Energy Center	Texas	56349	CT2A	16	16	16	16	Y
Quail Run Energy Center	Texas	56349	CT2B	14	14	14	14	Y
R W Miller	Texas	3628	**4	29	29	29	29	Y
R W Miller	Texas	3628	**5	28	28	28	28	Y
R W Miller	Texas	3628	1	28	28	28	28	Y
R W Miller	Texas	3628	2	69	69	69	69	Y
R W Miller	Texas	3628	3	143	143	143	143	Y
Ray Olinger	Texas	3576	BW2	49	49	49	49	Y
Ray Olinger	Texas	3576	BW3	45	45	45	45	Y
Ray Olinger	Texas	3576	CE1	28	28	28	28	Y
Ray Olinger	Texas	3576	GE4	6	6	6	6	Y
Rio Nogales Power Project, LP	Texas	55137	CTG-1	70	70	70	70	Y
Rio Nogales Power Project, LP	Texas	55137	CTG-2	143	143	143	143	Y
Rio Nogales Power Project, LP	Texas	55137	CTG-3	64	64	64	64	Y
Roland C. Dansby Power Plant	Texas	6243	1	74	74	74	74	Y
Roland C. Dansby Power Plant	Texas	6243	2	4	4	4	4	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Permian Basin	Texas	3494	CT4		Y	Y		
Permian Basin	Texas	3494	CT5		Y	Y		
Plant X	Texas	3485	111B		Y	Y		
Plant X	Texas	3485	112B		Y	Y		
Plant X	Texas	3485	113B		Y	Y		
Plant X	Texas	3485	114B		Y	Y		
Port Neches Plant	Texas	54748	G1		Y	Y	Y	
Power Lane Steam Plant	Texas	4195	2		Y	Y		
Power Lane Steam Plant	Texas	4195	3		Y	Y		
Quail Run Energy Center	Texas	56349	CT1A		Y	Y		
Quail Run Energy Center	Texas	56349	CT1B		Y	Y		
Quail Run Energy Center	Texas	56349	CT2A		Y	Y		
Quail Run Energy Center	Texas	56349	CT2B		Y	Y		
R W Miller	Texas	3628	**4		Y	Y		
R W Miller	Texas	3628	**5		Y	Y		
R W Miller	Texas	3628	1		Y	Y		
R W Miller	Texas	3628	2		Y	Y		
R W Miller	Texas	3628	3		Y	Y		
Ray Olinger	Texas	3576	BW2		Y	Y		
Ray Olinger	Texas	3576	BW3		Y	Y		
Ray Olinger	Texas	3576	CE1		Y	Y		
Ray Olinger	Texas	3576	GE4		Y	Y		
Rio Nogales Power Project, LP	Texas	55137	CTG-1		Y	Y		
Rio Nogales Power Project, LP	Texas	55137	CTG-2		Y	Y		
Rio Nogales Power Project, LP	Texas	55137	CTG-3		Y	Y		
Roland C. Dansby Power Plant	Texas	6243	1		Y	Y		
Roland C. Dansby Power Plant	Texas	6243	2		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
SRW Cogen Limited Partnership	Texas	55120	CTG-1	3945	9,313,178	12,225,362	8,830,356	9,180,223	14,117,638
SRW Cogen Limited Partnership	Texas	55120	CTG-2	3946	10,521,648	14,872,767	8,915,437	12,836,361	9,452,397
Sabine	Texas	3459	1	2338	5,580,173	6,269,727	4,755,623	5,313,984	7,926,787
Sabine	Texas	3459	2	2339	5,601,208	5,487,299	5,247,079	6,341,518	5,144,163
Sabine	Texas	3459	3	2340	14,245,693	13,714,658	6,061,882	11,101,757	11,598,390
Sabine	Texas	3459	4	2341	11,055,271	14,109,215	16,891,163	13,636,693	14,764,452
Sabine	Texas	3459	5	2342	13,229,662	10,019,622	11,253,726	14,045,040	10,936,911
Sabine Cogeneration Facility	Texas	55104	SAB-1	3901	4,175,529	3,664,821	3,551,142	4,022,241	4,308,385
Sabine Cogeneration Facility	Texas	55104	SAB-2	3902	3,964,683	4,293,849	3,374,770	2,963,152	3,576,762
Sam Bertron	Texas	3468	SRB1	2368	1,378,399	339,695	422,254	499,849	303,665
Sam Bertron	Texas	3468	SRB2	2369	1,886,435	1,088,019	830,789	964,767	50,397
Sam Bertron	Texas	3468	SRB3	2370	1,565,843	850,016	632,496	1,100,455	797,942
Sam Bertron	Texas	3468	SRB4	2371	1,831,706	931,522	585,910	1,155,066	793,463
Sam Rayburn Plant	Texas	3631	CT7	8334	1,567,031	2,022,322	1,857,921	1,100,541	972,675
Sam Rayburn Plant	Texas	3631	CT8	8336	1,551,803	1,792,184	1,813,099	1,132,362	570,861
Sam Rayburn Plant	Texas	3631	CT9	8338	1,225,287	1,844,555	1,757,219	1,141,908	868,449
Sam Seymour	Texas	6179	1	2827	37,917,768	46,476,660	43,738,332	44,477,738	36,580,782
Sam Seymour	Texas	6179	2	2828	37,311,415	48,316,231	43,378,894	43,674,339	42,265,016
Sam Seymour	Texas	6179	3	2829	33,965,366	34,895,288	36,376,291	33,744,477	39,590,853
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	4481		11,743	4,124	140,315	1,070,744
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	4482		13,881	3,293	191,987	976,587
San Jacinto Steam Electric Station	Texas	7325	SJS1	3095	7,503,251	6,710,065	6,582,202	5,625,039	8,226,525
San Jacinto Steam Electric Station	Texas	7325	SJS2	3096	7,720,004	6,608,157	5,864,380	4,801,522	2,844,206
San Miguel	Texas	6183	SM-1	2835	35,838,707	32,969,697	35,510,247	34,506,834	32,332,235
Sand Hill Energy Center	Texas	7900	SH1	1149	693,558	592,425	467,951	530,905	403,818
Sand Hill Energy Center	Texas	7900	SH2	1150	682,484	413,810	752,844	420,227	592,201
Sand Hill Energy Center	Texas	7900	SH3	1151	654,404	315,489	769,526	433,058	512,902

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
SRW Cogen Limited Partnership	Texas	55120	CTG-1	11,885,393	3,511,906,933	0.003384	279,747	279,747
SRW Cogen Limited Partnership	Texas	55120	CTG-2	12,743,592	3,511,906,933	0.003629	279,747	279,747
Sabine	Texas	3459	1	6,592,229	3,511,906,933	0.001877	279,747	279,747
Sabine	Texas	3459	2	5,810,009	3,511,906,933	0.001654	279,747	279,747
Sabine	Texas	3459	3	13,186,247	3,511,906,933	0.003755	279,747	279,747
Sabine	Texas	3459	4	15,254,943	3,511,906,933	0.004344	279,747	279,747
Sabine	Texas	3459	5	12,842,809	3,511,906,933	0.003657	279,747	279,747
Sabine Cogeneration Facility	Texas	55104	SAB-1	4,168,718	3,511,906,933	0.001187	279,747	279,747
Sabine Cogeneration Facility	Texas	55104	SAB-2	3,945,098	3,511,906,933	0.001123	279,747	279,747
Sam Bertron	Texas	3468	SRB1	766,834	3,511,906,933	0.000218	279,747	279,747
Sam Bertron	Texas	3468	SRB2	1,313,074	3,511,906,933	0.000374	279,747	279,747
Sam Bertron	Texas	3468	SRB3	1,172,105	3,511,906,933	0.000334	279,747	279,747
Sam Bertron	Texas	3468	SRB4	1,306,098	3,511,906,933	0.000372	279,747	279,747
Sam Rayburn Plant	Texas	3631	CT7	1,815,758	3,511,906,933	0.000517	279,747	279,747
Sam Rayburn Plant	Texas	3631	CT8	1,719,029	3,511,906,933	0.000489	279,747	279,747
Sam Rayburn Plant	Texas	3631	CT9	1,609,020	3,511,906,933	0.000458	279,747	279,747
Sam Seymour	Texas	6179	1	44,897,577	3,511,906,933	0.012784	279,747	279,747
Sam Seymour	Texas	6179	2	45,123,155	3,511,906,933	0.012849	279,747	279,747
Sam Seymour	Texas	6179	3	36,954,144	3,511,906,933	0.010523	279,747	279,747
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	407,601	3,511,906,933	0.000116	279,747	279,747
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	394,152	3,511,906,933	0.000112	279,747	279,747
San Jacinto Steam Electric Station	Texas	7325	SJS1	7,479,947	3,511,906,933	0.002130	279,747	279,747
San Jacinto Steam Electric Station	Texas	7325	SJS2	6,730,847	3,511,906,933	0.001917	279,747	279,747
San Miguel	Texas	6183	SM-1	35,285,263	3,511,906,933	0.010047	279,747	279,747
Sand Hill Energy Center	Texas	7900	SH1	605,629	3,511,906,933	0.000172	279,747	279,747
Sand Hill Energy Center	Texas	7900	SH2	675,843	3,511,906,933	0.000192	279,747	279,747
Sand Hill Energy Center	Texas	7900	SH3	645,611	3,511,906,933	0.000184	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
SRW Cogen Limited Partnership	Texas	55120	CTG-1	129,571	129,571	947	947	439	439
SRW Cogen Limited Partnership	Texas	55120	CTG-2	129,571	129,571	1,015	1,015	470	470
Sabine	Texas	3459	1	129,571	129,571	525	525	243	243
Sabine	Texas	3459	2	129,571	129,571	463	463	214	214
Sabine	Texas	3459	3	129,571	129,571	1,050	1,050	487	487
Sabine	Texas	3459	4	129,571	129,571	1,215	1,215	563	563
Sabine	Texas	3459	5	129,571	129,571	1,023	1,023	474	474
Sabine Cogeneration Facility	Texas	55104	SAB-1	129,571	129,571	332	332	154	154
Sabine Cogeneration Facility	Texas	55104	SAB-2	129,571	129,571	314	314	146	146
Sam Bertron	Texas	3468	SRB1	129,571	129,571	61	61	28	28
Sam Bertron	Texas	3468	SRB2	129,571	129,571	105	105	48	48
Sam Bertron	Texas	3468	SRB3	129,571	129,571	93	93	43	43
Sam Bertron	Texas	3468	SRB4	129,571	129,571	104	104	48	48
Sam Rayburn Plant	Texas	3631	CT7	129,571	129,571	145	145	67	67
Sam Rayburn Plant	Texas	3631	CT8	129,571	129,571	137	137	63	63
Sam Rayburn Plant	Texas	3631	CT9	129,571	129,571	128	128	59	59
Sam Seymour	Texas	6179	1	129,571	129,571	3,576	3,576	1,656	1,656
Sam Seymour	Texas	6179	2	129,571	129,571	3,594	3,594	1,665	1,665
Sam Seymour	Texas	6179	3	129,571	129,571	2,944	2,944	1,363	1,363
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	129,571	129,571	32	32	15	15
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	129,571	129,571	31	31	15	15
San Jacinto Steam Electric Station	Texas	7325	SJS1	129,571	129,571	596	596	276	276
San Jacinto Steam Electric Station	Texas	7325	SJS2	129,571	129,571	536	536	248	248
San Miguel	Texas	6183	SM-1	129,571	129,571	2,811	2,811	1,302	1,302
Sand Hill Energy Center	Texas	7900	SH1	129,571	129,571	48	48	22	22
Sand Hill Energy Center	Texas	7900	SH2	129,571	129,571	54	54	25	25
Sand Hill Energy Center	Texas	7900	SH3	129,571	129,571	51	51	24	24

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
SRW Cogen Limited Partnership	Texas	55120	CTG-1	4	4	4	3	4	3
SRW Cogen Limited Partnership	Texas	55120	CTG-2	4	3	3	3	5	3
Sabine	Texas	3459	1	1	2	2	2	2	1
Sabine	Texas	3459	2	3	2	2	2	2	2
Sabine	Texas	3459	3	4	4	3	4	4	2
Sabine	Texas	3459	4	5	6	6	3	4	5
Sabine	Texas	3459	5	4	3	4	4	3	3
Sabine Cogeneration Facility	Texas	55104	SAB-1	1	1	1	1	1	1
Sabine Cogeneration Facility	Texas	55104	SAB-2	1	1	1	1	1	1
Sam Bertron	Texas	3468	SRB1	4	0	0	0	0	0
Sam Bertron	Texas	3468	SRB2	9	0	0	1	0	0
Sam Bertron	Texas	3468	SRB3	23	0	0	0	0	0
Sam Bertron	Texas	3468	SRB4	1	0	0	1	0	0
Sam Rayburn Plant	Texas	3631	CT7	0	0	0	0	1	1
Sam Rayburn Plant	Texas	3631	CT8	0	0	0	0	1	1
Sam Rayburn Plant	Texas	3631	CT9	0	0	0	0	1	1
Sam Seymour	Texas	6179	1	15,930	14,034	13,614	12,554	15,113	13,369
Sam Seymour	Texas	6179	2	15,717	14,102	14,034	11,933	15,840	14,087
Sam Seymour	Texas	6179	3	1,810	1,702	1,554	2,955	2,233	2,560
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	0		0		0	0
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	0		0		0	0
San Jacinto Steam Electric Station	Texas	7325	SJS1	2	2	2	2	2	2
San Jacinto Steam Electric Station	Texas	7325	SJS2	3	2	2	2	2	2
San Miguel	Texas	6183	SM-1	9,696	8,523	12,473	11,827	8,369	10,715
Sand Hill Energy Center	Texas	7900	SH1	0	0	0	0	0	0
Sand Hill Energy Center	Texas	7900	SH2	0	0	0	0	0	0
Sand Hill Energy Center	Texas	7900	SH3	0	0	0	0	0	0

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
SRW Cogen Limited Partnership	Texas	55120	CTG-1	3	4	4			
SRW Cogen Limited Partnership	Texas	55120	CTG-2	4	3	5			
Sabine	Texas	3459	1	2	2	2			
Sabine	Texas	3459	2	2	2	3			
Sabine	Texas	3459	3	3	3	4			
Sabine	Texas	3459	4	4	4	6			
Sabine	Texas	3459	5	4	3	4			
Sabine Cogeneration Facility	Texas	55104	SAB-1	1	1	1			
Sabine Cogeneration Facility	Texas	55104	SAB-2	1	1	1			
Sam Bertron	Texas	3468	SRB1	0	0	4			
Sam Bertron	Texas	3468	SRB2	0	0	9			
Sam Bertron	Texas	3468	SRB3	0	0	23			
Sam Bertron	Texas	3468	SRB4	0	0	1			
Sam Rayburn Plant	Texas	3631	CT7	0	0	1			
Sam Rayburn Plant	Texas	3631	CT8	0	0	1			
Sam Rayburn Plant	Texas	3631	CT9	0	0	1			
Sam Seymour	Texas	6179	1	13,112	11,768	15,930			
Sam Seymour	Texas	6179	2	12,787	13,071	15,840			
Sam Seymour	Texas	6179	3	1,652	2,075	2,955			
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	0	0	0			
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	0	0	0			
San Jacinto Steam Electric Station	Texas	7325	SJS1	2	2	2			
San Jacinto Steam Electric Station	Texas	7325	SJS2	1	1	3			
San Miguel	Texas	6183	SM-1	11,064	10,151	12,473			
Sand Hill Energy Center	Texas	7900	SH1	0	0	0			
Sand Hill Energy Center	Texas	7900	SH2	0	0	0			
Sand Hill Energy Center	Texas	7900	SH3	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
SRW Cogen Limited Partnership	Texas	55120	CTG-1				122	108	83
SRW Cogen Limited Partnership	Texas	55120	CTG-2				147	96	94
Sabine	Texas	3459	1				296	490	534
Sabine	Texas	3459	2				557	505	529
Sabine	Texas	3459	3				476	447	424
Sabine	Texas	3459	4				967	1,299	1,295
Sabine	Texas	3459	5				502	379	477
Sabine Cogeneration Facility	Texas	55104	SAB-1				29	24	23
Sabine Cogeneration Facility	Texas	55104	SAB-2				30	26	24
Sam Bertron	Texas	3468	SRB1				114	81	102
Sam Bertron	Texas	3468	SRB2				114	50	130
Sam Bertron	Texas	3468	SRB3				179	85	76
Sam Bertron	Texas	3468	SRB4				133	52	68
Sam Rayburn Plant	Texas	3631	CT7				2	12	13
Sam Rayburn Plant	Texas	3631	CT8				0	11	13
Sam Rayburn Plant	Texas	3631	CT9				2	9	13
Sam Seymour	Texas	6179	1				3,072	2,057	2,150
Sam Seymour	Texas	6179	2				7,283	3,012	2,178
Sam Seymour	Texas	6179	3				5,871	6,012	2,504
San Jacinto County Peaking Facility	Texas	56603	SJCCT1				0		0
San Jacinto County Peaking Facility	Texas	56603	SJCCT2				0		0
San Jacinto Steam Electric Station	Texas	7325	SJS1				141	118	107
San Jacinto Steam Electric Station	Texas	7325	SJS2				107	100	88
San Miguel	Texas	6183	SM-1				4,449	3,270	3,675
Sand Hill Energy Center	Texas	7900	SH1				10	12	36
Sand Hill Energy Center	Texas	7900	SH2				9	115	41
Sand Hill Energy Center	Texas	7900	SH3				13	44	13

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
SRW Cogen Limited Partnership	Texas	55120	CTG-1	60	93	67	62	91	122
SRW Cogen Limited Partnership	Texas	55120	CTG-2	87	124	74	85	61	147
Sabine	Texas	3459	1	423	563	419	447	614	614
Sabine	Texas	3459	2	325	324	364	483	408	557
Sabine	Texas	3459	3	567	568	299	577	572	577
Sabine	Texas	3459	4	663	1,014	1,177	975	926	1,299
Sabine	Texas	3459	5	540	429	493	635	455	635
Sabine Cogeneration Facility	Texas	55104	SAB-1	28	26	26	29	34	34
Sabine Cogeneration Facility	Texas	55104	SAB-2	27	34	27	23	29	34
Sam Bertron	Texas	3468	SRB1	136	33	40	46	21	136
Sam Bertron	Texas	3468	SRB2	177	112	88	100	5	177
Sam Bertron	Texas	3468	SRB3	114	59	46	79	61	179
Sam Bertron	Texas	3468	SRB4	106	54	40	74	52	133
Sam Rayburn Plant	Texas	3631	CT7	12	14	14	9	7	14
Sam Rayburn Plant	Texas	3631	CT8	12	13	12	9	5	13
Sam Rayburn Plant	Texas	3631	CT9	10	14	13	9	7	14
Sam Seymour	Texas	6179	1	1,903	2,370	2,341	2,122	1,869	3,072
Sam Seymour	Texas	6179	2	2,034	2,577	2,303	2,232	2,266	7,283
Sam Seymour	Texas	6179	3	1,876	2,035	2,075	1,868	2,313	6,012
San Jacinto County Peaking Facility	Texas	56603	SJCCT1		0	0	2	17	17
San Jacinto County Peaking Facility	Texas	56603	SJCCT2		0	0	3	15	15
San Jacinto Steam Electric Station	Texas	7325	SJS1	115	102	77	59	90	141
San Jacinto Steam Electric Station	Texas	7325	SJS2	82	56	43	40	27	107
San Miguel	Texas	6183	SM-1	3,505	3,140	3,253	3,169	2,948	4,449
Sand Hill Energy Center	Texas	7900	SH1	12	8	7	7	6	36
Sand Hill Energy Center	Texas	7900	SH2	11	6	8	6	8	115
Sand Hill Energy Center	Texas	7900	SH3	9	4	11	6	7	44

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
SRW Cogen Limited Partnership	Texas	55120	CTG-1						
SRW Cogen Limited Partnership	Texas	55120	CTG-2						
Sabine	Texas	3459	1						
Sabine	Texas	3459	2						
Sabine	Texas	3459	3						
Sabine	Texas	3459	4						
Sabine	Texas	3459	5						
Sabine Cogeneration Facility	Texas	55104	SAB-1						
Sabine Cogeneration Facility	Texas	55104	SAB-2						
Sam Bertron	Texas	3468	SRB1						
Sam Bertron	Texas	3468	SRB2						
Sam Bertron	Texas	3468	SRB3						
Sam Bertron	Texas	3468	SRB4						
Sam Rayburn Plant	Texas	3631	CT7						
Sam Rayburn Plant	Texas	3631	CT8						
Sam Rayburn Plant	Texas	3631	CT9						
Sam Seymour	Texas	6179	1						
Sam Seymour	Texas	6179	2						
Sam Seymour	Texas	6179	3						
San Jacinto County Peaking Facility	Texas	56603	SJCCT1						
San Jacinto County Peaking Facility	Texas	56603	SJCCT2						
San Jacinto Steam Electric Station	Texas	7325	SJS1						
San Jacinto Steam Electric Station	Texas	7325	SJS2						
San Miguel	Texas	6183	SM-1						
Sand Hill Energy Center	Texas	7900	SH1						
Sand Hill Energy Center	Texas	7900	SH2						
Sand Hill Energy Center	Texas	7900	SH3						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
SRW Cogen Limited Partnership	Texas	55120	CTG-1	4	4	4	4
SRW Cogen Limited Partnership	Texas	55120	CTG-2	5	5	5	5
Sabine	Texas	3459	1	2	2	2	2
Sabine	Texas	3459	2	3	3	3	3
Sabine	Texas	3459	3	4	4	4	4
Sabine	Texas	3459	4	6	6	6	6
Sabine	Texas	3459	5	4	4	4	4
Sabine Cogeneration Facility	Texas	55104	SAB-1	1	1	1	1
Sabine Cogeneration Facility	Texas	55104	SAB-2	1	1	1	1
Sam Bertron	Texas	3468	SRB1	4	4	4	4
Sam Bertron	Texas	3468	SRB2	9	9	9	9
Sam Bertron	Texas	3468	SRB3	23	23	23	23
Sam Bertron	Texas	3468	SRB4	1	1	1	1
Sam Rayburn Plant	Texas	3631	CT7	1	1	1	1
Sam Rayburn Plant	Texas	3631	CT8	1	1	1	1
Sam Rayburn Plant	Texas	3631	CT9	1	1	1	1
Sam Seymour	Texas	6179	1	7,979	7,979	7,979	7,979
Sam Seymour	Texas	6179	2	8,019	8,019	8,019	8,019
Sam Seymour	Texas	6179	3	2,955	2,955	2,955	2,955
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	0	0	0	0
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	0	0	0	0
San Jacinto Steam Electric Station	Texas	7325	SJS1	2	2	2	2
San Jacinto Steam Electric Station	Texas	7325	SJS2	3	3	3	3
San Miguel	Texas	6183	SM-1	6,271	6,271	6,271	6,271
Sand Hill Energy Center	Texas	7900	SH1	0	0	0	0
Sand Hill Energy Center	Texas	7900	SH2	0	0	0	0
Sand Hill Energy Center	Texas	7900	SH3	0	0	0	0

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
SRW Cogen Limited Partnership	Texas	55120	CTG-1	4	4	122	122
SRW Cogen Limited Partnership	Texas	55120	CTG-2	5	5	147	147
Sabine	Texas	3459	1	2	2	339	339
Sabine	Texas	3459	2	3	3	299	299
Sabine	Texas	3459	3	4	4	577	577
Sabine	Texas	3459	4	6	6	786	786
Sabine	Texas	3459	5	4	4	635	635
Sabine Cogeneration Facility	Texas	55104	SAB-1	1	1	34	34
Sabine Cogeneration Facility	Texas	55104	SAB-2	1	1	34	34
Sam Bertron	Texas	3468	SRB1	4	4	39	39
Sam Bertron	Texas	3468	SRB2	9	9	68	68
Sam Bertron	Texas	3468	SRB3	23	23	60	60
Sam Bertron	Texas	3468	SRB4	1	1	67	67
Sam Rayburn Plant	Texas	3631	CT7	1	1	14	14
Sam Rayburn Plant	Texas	3631	CT8	1	1	13	13
Sam Rayburn Plant	Texas	3631	CT9	1	1	14	14
Sam Seymour	Texas	6179	1	7,979	7,979	2,312	2,312
Sam Seymour	Texas	6179	2	8,019	8,019	2,324	2,324
Sam Seymour	Texas	6179	3	2,955	2,955	1,903	1,903
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	0	0	17	17
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	0	0	15	15
San Jacinto Steam Electric Station	Texas	7325	SJS1	2	2	141	141
San Jacinto Steam Electric Station	Texas	7325	SJS2	3	3	107	107
San Miguel	Texas	6183	SM-1	6,271	6,271	1,817	1,817
Sand Hill Energy Center	Texas	7900	SH1	0	0	31	31
Sand Hill Energy Center	Texas	7900	SH2	0	0	35	35
Sand Hill Energy Center	Texas	7900	SH3	0	0	33	33

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
SRW Cogen Limited Partnership	Texas	55120	CTG-1	122	122	122	122
SRW Cogen Limited Partnership	Texas	55120	CTG-2	147	147	147	147
Sabine	Texas	3459	1	339	339	339	339
Sabine	Texas	3459	2	299	299	299	299
Sabine	Texas	3459	3	577	577	577	577
Sabine	Texas	3459	4	786	786	786	786
Sabine	Texas	3459	5	635	635	635	635
Sabine Cogeneration Facility	Texas	55104	SAB-1	34	34	34	34
Sabine Cogeneration Facility	Texas	55104	SAB-2	34	34	34	34
Sam Bertron	Texas	3468	SRB1	39	39	39	39
Sam Bertron	Texas	3468	SRB2	68	68	68	68
Sam Bertron	Texas	3468	SRB3	60	60	60	60
Sam Bertron	Texas	3468	SRB4	67	67	67	67
Sam Rayburn Plant	Texas	3631	CT7	14	14	14	14
Sam Rayburn Plant	Texas	3631	CT8	13	13	13	13
Sam Rayburn Plant	Texas	3631	CT9	14	14	14	14
Sam Seymour	Texas	6179	1	2,312	2,312	2,312	2,312
Sam Seymour	Texas	6179	2	2,324	2,324	2,324	2,324
Sam Seymour	Texas	6179	3	1,903	1,903	1,903	1,903
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	17	17	17	17
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	15	15	15	15
San Jacinto Steam Electric Station	Texas	7325	SJS1	141	141	141	141
San Jacinto Steam Electric Station	Texas	7325	SJS2	107	107	107	107
San Miguel	Texas	6183	SM-1	1,817	1,817	1,817	1,817
Sand Hill Energy Center	Texas	7900	SH1	31	31	31	31
Sand Hill Energy Center	Texas	7900	SH2	35	35	35	35
Sand Hill Energy Center	Texas	7900	SH3	33	33	33	33

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
SRW Cogen Limited Partnership	Texas	55120	CTG-1	2,234,287	4,024,123	3,358,948	5,371,413	5,653,326	5,016,287
SRW Cogen Limited Partnership	Texas	55120	CTG-2	4,686,735	5,768,270	3,505,461	5,480,185	1,123,707	5,311,730
Sabine	Texas	3459	1	2,826,749	3,007,962	2,750,062	3,092,604	4,155,609	3,418,725
Sabine	Texas	3459	2	2,837,088	3,445,839	3,178,194	3,555,231	4,096,296	3,699,122
Sabine	Texas	3459	3	7,247,577	6,502,694	3,423,009	4,270,919	6,391,484	6,713,918
Sabine	Texas	3459	4	9,128,244	4,541,179	9,317,761	6,193,146	6,368,445	8,271,483
Sabine	Texas	3459	5	5,663,755	6,066,824	4,580,323	6,357,544	5,943,703	6,122,691
Sabine Cogeneration Facility	Texas	55104	SAB-1	2,050,036	1,724,149	1,322,818	1,691,052	1,838,110	1,870,765
Sabine Cogeneration Facility	Texas	55104	SAB-2	1,517,161	1,655,331	1,374,849	1,450,011	1,404,250	1,540,834
Sam Bertron	Texas	3468	SRB1	964,501	311,039	345,958	461,794	261,568	590,751
Sam Bertron	Texas	3468	SRB2	1,347,484	775,657	649,251	854,933		992,691
Sam Bertron	Texas	3468	SRB3	1,080,854	736,404	632,496	995,503	732,820	937,587
Sam Bertron	Texas	3468	SRB4	1,423,948	740,535	585,910	1,021,080	731,467	1,061,854
Sam Rayburn Plant	Texas	3631	CT7	681,838	826,794	911,087	689,287	434,019	809,056
Sam Rayburn Plant	Texas	3631	CT8	701,093	780,649	978,207	702,542	478,076	820,466
Sam Rayburn Plant	Texas	3631	CT9	638,811	768,834	872,384	629,461	390,941	760,010
Sam Seymour	Texas	6179	1	19,072,448	21,274,460	20,977,691	19,364,588	20,606,060	20,952,737
Sam Seymour	Texas	6179	2	18,852,522	21,297,320	21,443,500	18,383,526	20,369,019	21,036,613
Sam Seymour	Texas	6179	3	14,574,334	15,550,185	15,180,729	15,665,381	16,867,453	16,027,673
San Jacinto County Peaking Facility	Texas	56603	SJCCT1		11,743	4,124	39,198	755,277	268,739
San Jacinto County Peaking Facility	Texas	56603	SJCCT2		13,881	3,293	112,497	723,650	283,342
San Jacinto Steam Electric Station	Texas	7325	SJS1	3,188,170	2,671,602	2,732,047	2,715,909	3,396,657	3,105,625
San Jacinto Steam Electric Station	Texas	7325	SJS2	3,176,337	3,090,576	2,383,710	1,963,098	1,482,554	2,883,541
San Miguel	Texas	6183	SM-1	16,078,541	16,158,222	18,209,534	16,689,822	15,496,964	17,019,192
Sand Hill Energy Center	Texas	7900	SH1	345,944	258,017	297,954	370,013	172,896	337,970
Sand Hill Energy Center	Texas	7900	SH2	376,021	221,273	364,533	264,457	362,391	367,648
Sand Hill Energy Center	Texas	7900	SH3	341,880	189,586	396,657	234,997	266,323	334,953

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
SRW Cogen Limited Partnership	Texas	55120	CTG-1	1,726,255,329	0.002906	61,841	61,841	180	180
SRW Cogen Limited Partnership	Texas	55120	CTG-2	1,726,255,329	0.003077	61,841	61,841	190	190
Sabine	Texas	3459	1	1,726,255,329	0.001980	61,841	61,841	122	122
Sabine	Texas	3459	2	1,726,255,329	0.002143	61,841	61,841	133	133
Sabine	Texas	3459	3	1,726,255,329	0.003889	61,841	61,841	241	241
Sabine	Texas	3459	4	1,726,255,329	0.004792	61,841	61,841	296	296
Sabine	Texas	3459	5	1,726,255,329	0.003547	61,841	61,841	219	219
Sabine Cogeneration Facility	Texas	55104	SAB-1	1,726,255,329	0.001084	61,841	61,841	67	67
Sabine Cogeneration Facility	Texas	55104	SAB-2	1,726,255,329	0.000893	61,841	61,841	55	55
Sam Bertron	Texas	3468	SRB1	1,726,255,329	0.000342	61,841	61,841	21	21
Sam Bertron	Texas	3468	SRB2	1,726,255,329	0.000575	61,841	61,841	36	36
Sam Bertron	Texas	3468	SRB3	1,726,255,329	0.000543	61,841	61,841	34	34
Sam Bertron	Texas	3468	SRB4	1,726,255,329	0.000615	61,841	61,841	38	38
Sam Rayburn Plant	Texas	3631	CT7	1,726,255,329	0.000469	61,841	61,841	29	29
Sam Rayburn Plant	Texas	3631	CT8	1,726,255,329	0.000475	61,841	61,841	29	29
Sam Rayburn Plant	Texas	3631	CT9	1,726,255,329	0.000440	61,841	61,841	27	27
Sam Seymour	Texas	6179	1	1,726,255,329	0.012138	61,841	61,841	751	751
Sam Seymour	Texas	6179	2	1,726,255,329	0.012186	61,841	61,841	754	754
Sam Seymour	Texas	6179	3	1,726,255,329	0.009285	61,841	61,841	574	574
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	1,726,255,329	0.000156	61,841	61,841	10	10
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	1,726,255,329	0.000164	61,841	61,841	10	10
San Jacinto Steam Electric Station	Texas	7325	SJS1	1,726,255,329	0.001799	61,841	61,841	111	111
San Jacinto Steam Electric Station	Texas	7325	SJS2	1,726,255,329	0.001670	61,841	61,841	103	103
San Miguel	Texas	6183	SM-1	1,726,255,329	0.009859	61,841	61,841	610	610
Sand Hill Energy Center	Texas	7900	SH1	1,726,255,329	0.000196	61,841	61,841	12	12
Sand Hill Energy Center	Texas	7900	SH2	1,726,255,329	0.000213	61,841	61,841	13	13
Sand Hill Energy Center	Texas	7900	SH3	1,726,255,329	0.000194	61,841	61,841	12	12

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
SRW Cogen Limited Partnership	Texas	55120	CTG-1	50	45	25	15	32	26
SRW Cogen Limited Partnership	Texas	55120	CTG-2	70	41	49	42	50	29
Sabine	Texas	3459	1	120	244	233	232	272	238
Sabine	Texas	3459	2	211	284	199	166	206	209
Sabine	Texas	3459	3	219	196	235	279	244	181
Sabine	Texas	3459	4	528	552	612	553	328	654
Sabine	Texas	3459	5	223	196	210	231	259	196
Sabine Cogeneration Facility	Texas	55104	SAB-1	12	11	8	13	11	9
Sabine Cogeneration Facility	Texas	55104	SAB-2	11	11	11	9	13	11
Sam Bertron	Texas	3468	SRB1	65	46	79	96	31	33
Sam Bertron	Texas	3468	SRB2	65	28	101	126	79	68
Sam Bertron	Texas	3468	SRB3	116	55	65	81	50	46
Sam Bertron	Texas	3468	SRB4	81	39	60	86	44	40
Sam Rayburn Plant	Texas	3631	CT7		6	6	5	6	7
Sam Rayburn Plant	Texas	3631	CT8		5	7	5	5	6
Sam Rayburn Plant	Texas	3631	CT9		4	7	5	6	6
Sam Seymour	Texas	6179	1	1,179	985	986	954	1,081	1,114
Sam Seymour	Texas	6179	2	2,979	1,091	957	1,033	1,146	1,092
Sam Seymour	Texas	6179	3	2,087	2,486	1,041	815	925	874
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	0		0		0	0
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	0		0		0	0
San Jacinto Steam Electric Station	Texas	7325	SJS1	52	41	39	50	33	27
San Jacinto Steam Electric Station	Texas	7325	SJS2	35	40	32	32	21	16
San Miguel	Texas	6183	SM-1	1,816	1,551	1,714	1,524	1,483	1,559
Sand Hill Energy Center	Texas	7900	SH1	6	5	5	7	4	5
Sand Hill Energy Center	Texas	7900	SH2	7	37	6	5	3	4
Sand Hill Energy Center	Texas	7900	SH3	7	27	8	5	2	4

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
SRW Cogen Limited Partnership	Texas	55120	CTG-1	38	39	50			
SRW Cogen Limited Partnership	Texas	55120	CTG-2	37	8	70			
Sabine	Texas	3459	1	251	312	312			
Sabine	Texas	3459	2	249	313	313			
Sabine	Texas	3459	3	197	258	279			
Sabine	Texas	3459	4	461	427	654			
Sabine	Texas	3459	5	277	248	277			
Sabine Cogeneration Facility	Texas	55104	SAB-1	12	14	14			
Sabine Cogeneration Facility	Texas	55104	SAB-2	10	11	13			
Sam Bertron	Texas	3468	SRB1	43	17	96			
Sam Bertron	Texas	3468	SRB2	89		126			
Sam Bertron	Texas	3468	SRB3	70	58	116			
Sam Bertron	Texas	3468	SRB4	65	48	86			
Sam Rayburn Plant	Texas	3631	CT7	6	3	7			
Sam Rayburn Plant	Texas	3631	CT8	6	3	7			
Sam Rayburn Plant	Texas	3631	CT9	5	3	7			
Sam Seymour	Texas	6179	1	888	998	1,179			
Sam Seymour	Texas	6179	2	913	1,144	2,979			
Sam Seymour	Texas	6179	3	882	1,001	2,486			
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	1	11	11			
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	2	10	10			
San Jacinto Steam Electric Station	Texas	7325	SJS1	23	32	52			
San Jacinto Steam Electric Station	Texas	7325	SJS2	14	14	40			
San Miguel	Texas	6183	SM-1	1,489	1,375	1,816			
Sand Hill Energy Center	Texas	7900	SH1	5	3	7			
Sand Hill Energy Center	Texas	7900	SH2	3	4	37			
Sand Hill Energy Center	Texas	7900	SH3	3	3	27			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
SRW Cogen Limited Partnership	Texas	55120	CTG-1				50	50
SRW Cogen Limited Partnership	Texas	55120	CTG-2				70	70
Sabine	Texas	3459	1				177	177
Sabine	Texas	3459	2				192	192
Sabine	Texas	3459	3				279	279
Sabine	Texas	3459	4				428	428
Sabine	Texas	3459	5				277	277
Sabine Cogeneration Facility	Texas	55104	SAB-1				14	14
Sabine Cogeneration Facility	Texas	55104	SAB-2				13	13
Sam Bertron	Texas	3468	SRB1				31	31
Sam Bertron	Texas	3468	SRB2				51	51
Sam Bertron	Texas	3468	SRB3				49	49
Sam Bertron	Texas	3468	SRB4				55	55
Sam Rayburn Plant	Texas	3631	CT7				7	7
Sam Rayburn Plant	Texas	3631	CT8				7	7
Sam Rayburn Plant	Texas	3631	CT9				7	7
Sam Seymour	Texas	6179	1				1,085	1,085
Sam Seymour	Texas	6179	2				1,090	1,090
Sam Seymour	Texas	6179	3				830	830
San Jacinto County Peaking Facility	Texas	56603	SJCCT1				11	11
San Jacinto County Peaking Facility	Texas	56603	SJCCT2				10	10
San Jacinto Steam Electric Station	Texas	7325	SJS1				52	52
San Jacinto Steam Electric Station	Texas	7325	SJS2				40	40
San Miguel	Texas	6183	SM-1				882	882
Sand Hill Energy Center	Texas	7900	SH1				7	7
Sand Hill Energy Center	Texas	7900	SH2				19	19
Sand Hill Energy Center	Texas	7900	SH3				17	17

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
SRW Cogen Limited Partnership	Texas	55120	CTG-1	50	50	50	50	Y
SRW Cogen Limited Partnership	Texas	55120	CTG-2	70	70	70	70	Y
Sabine	Texas	3459	1	177	177	177	177	Y
Sabine	Texas	3459	2	192	192	192	192	Y
Sabine	Texas	3459	3	279	279	279	279	Y
Sabine	Texas	3459	4	428	428	428	428	Y
Sabine	Texas	3459	5	277	277	277	277	Y
Sabine Cogeneration Facility	Texas	55104	SAB-1	14	14	14	14	Y
Sabine Cogeneration Facility	Texas	55104	SAB-2	13	13	13	13	Y
Sam Bertron	Texas	3468	SRB1	31	31	31	31	Y
Sam Bertron	Texas	3468	SRB2	51	51	51	51	Y
Sam Bertron	Texas	3468	SRB3	49	49	49	49	Y
Sam Bertron	Texas	3468	SRB4	55	55	55	55	Y
Sam Rayburn Plant	Texas	3631	CT7	7	7	7	7	Y
Sam Rayburn Plant	Texas	3631	CT8	7	7	7	7	Y
Sam Rayburn Plant	Texas	3631	CT9	7	7	7	7	Y
Sam Seymour	Texas	6179	1	1,085	1,085	1,085	1,085	Y
Sam Seymour	Texas	6179	2	1,090	1,090	1,090	1,090	Y
Sam Seymour	Texas	6179	3	830	830	830	830	Y
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	11	11	11	11	Y
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	10	10	10	10	Y
San Jacinto Steam Electric Station	Texas	7325	SJS1	52	52	52	52	Y
San Jacinto Steam Electric Station	Texas	7325	SJS2	40	40	40	40	Y
San Miguel	Texas	6183	SM-1	882	882	882	882	Y
Sand Hill Energy Center	Texas	7900	SH1	7	7	7	7	Y
Sand Hill Energy Center	Texas	7900	SH2	19	19	19	19	Y
Sand Hill Energy Center	Texas	7900	SH3	17	17	17	17	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
SRW Cogen Limited Partnership	Texas	55120	CTG-1		Y	Y		
SRW Cogen Limited Partnership	Texas	55120	CTG-2		Y	Y		
Sabine	Texas	3459	1		Y	Y		
Sabine	Texas	3459	2		Y	Y		
Sabine	Texas	3459	3		Y	Y		
Sabine	Texas	3459	4		Y	Y		
Sabine	Texas	3459	5		Y	Y		
Sabine Cogeneration Facility	Texas	55104	SAB-1		Y	Y		
Sabine Cogeneration Facility	Texas	55104	SAB-2		Y	Y		
Sam Bertron	Texas	3468	SRB1		Y	Y		
Sam Bertron	Texas	3468	SRB2		Y	Y		
Sam Bertron	Texas	3468	SRB3		Y	Y		
Sam Bertron	Texas	3468	SRB4		Y	Y		
Sam Rayburn Plant	Texas	3631	CT7		Y	Y		
Sam Rayburn Plant	Texas	3631	CT8		Y	Y		
Sam Rayburn Plant	Texas	3631	CT9		Y	Y		
Sam Seymour	Texas	6179	1		Y	Y		
Sam Seymour	Texas	6179	2		Y	Y		
Sam Seymour	Texas	6179	3		Y	Y		
San Jacinto County Peaking Facility	Texas	56603	SJCCT1		Y	Y		
San Jacinto County Peaking Facility	Texas	56603	SJCCT2		Y	Y		
San Jacinto Steam Electric Station	Texas	7325	SJS1		Y	Y		
San Jacinto Steam Electric Station	Texas	7325	SJS2		Y	Y		
San Miguel	Texas	6183	SM-1		Y	Y		
Sand Hill Energy Center	Texas	7900	SH1		Y	Y		
Sand Hill Energy Center	Texas	7900	SH2		Y	Y		
Sand Hill Energy Center	Texas	7900	SH3		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Sand Hill Energy Center	Texas	7900	SH4	1152	536,060	718,723	618,066	471,825	549,541
Sand Hill Energy Center	Texas	7900	SH5	10015	9,398,382	11,342,986	12,085,468	12,407,579	11,439,138
Sandow	Texas	6648	4	2900	45,025,375	49,723,489	41,124,429	46,546,662	32,975,052
Sandow Station	Texas	52071	5A	89920				3,054,734	16,805,282
Sandow Station	Texas	52071	5B	89921				2,859,027	16,262,181
Silas Ray	Texas	3559	10	89523	1,037,909	224,207	367,948	377,960	350,472
Silas Ray	Texas	3559	9	2461	1,373,154	348,449	786,808	544,456	475,134
Sim Gideon	Texas	3601	1	2468	1,403,249	1,066,157	1,310,310	1,368,096	791,569
Sim Gideon	Texas	3601	2	2469	1,062,311	1,549,612	1,468,667	1,629,672	887,974
Sim Gideon	Texas	3601	3	2470	6,257,347	8,860,954	9,140,681	8,407,381	8,281,544
South Houston Green Power Site	Texas	55470	EPN801	4843	6,335,661	13,433,128	13,677,104	16,330,939	16,754,342
South Houston Green Power Site	Texas	55470	EPN802	4844	11,203,892	14,533,006	14,895,729	17,381,922	14,671,951
South Houston Green Power Site	Texas	55470	EPN803	4845	11,218,691	13,202,413	13,429,290	16,377,402	16,886,695
Spencer	Texas	4266	4	2651	874,853	220,700	266,598	189,361	80,100
Spencer	Texas	4266	5	2652	1,606,495	747,258	170,049	331,340	291,143
Stryker Creek	Texas	3504	1	2429	636,825	616,977	609,726	483,593	303,942
Stryker Creek	Texas	3504	2	2430	6,734,621	8,267,608	8,183,625	6,174,757	5,338,039
Sweeny Cogeneration Facility	Texas	55015	1	3814	11,092,669	11,784,779	7,007,190	11,152,500	8,866,217
Sweeny Cogeneration Facility	Texas	55015	2	3815	10,977,513	11,251,055	9,173,084	9,996,243	10,101,259
Sweeny Cogeneration Facility	Texas	55015	3	3816	11,202,286	11,298,137	7,131,422	8,953,180	9,681,770
Sweeny Cogeneration Facility	Texas	55015	4	3817	11,855,363	9,915,366	7,938,182	10,632,863	8,482,954
Sweetwater Generating Plant	Texas	50615	GT01	9205	568,530	391,247	327,437	2,576	
Sweetwater Generating Plant	Texas	50615	GT02	9206	1,233,975	1,026,507	676,255	41,018	
Sweetwater Generating Plant	Texas	50615	GT03	9207	1,210,455	967,395	729,577	7,256	
T C Ferguson Power Plant	Texas	4937	1	2655	9,961,880	8,614,830	8,138,577	9,996,877	7,749,451
T H Wharton	Texas	3469	THW31	89958			948,184	1,053,838	1,086,530
T H Wharton	Texas	3469	THW32	89959			742,070	1,181,632	1,146,370

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Sand Hill Energy Center	Texas	7900	SH4	628,777	3,511,906,933	0.000179	279,747	279,747
Sand Hill Energy Center	Texas	7900	SH5	11,977,395	3,511,906,933	0.003411	279,747	279,747
Sandow	Texas	6648	4	47,098,509	3,511,906,933	0.013411	279,747	279,747
Sandow Station	Texas	52071	5A	9,930,008	3,511,906,933	0.002828	279,747	279,747
Sandow Station	Texas	52071	5B	9,560,604	3,511,906,933	0.002722	279,747	279,747
Silas Ray	Texas	3559	10	594,606	3,511,906,933	0.000169	279,747	279,747
Silas Ray	Texas	3559	9	901,473	3,511,906,933	0.000257	279,747	279,747
Sim Gideon	Texas	3601	1	1,360,552	3,511,906,933	0.000387	279,747	279,747
Sim Gideon	Texas	3601	2	1,549,317	3,511,906,933	0.000441	279,747	279,747
Sim Gideon	Texas	3601	3	8,803,006	3,511,906,933	0.002507	279,747	279,747
South Houston Green Power Site	Texas	55470	EPN801	15,587,462	3,511,906,933	0.004438	279,747	279,747
South Houston Green Power Site	Texas	55470	EPN802	15,649,867	3,511,906,933	0.004456	279,747	279,747
South Houston Green Power Site	Texas	55470	EPN803	15,564,462	3,511,906,933	0.004432	279,747	279,747
Spencer	Texas	4266	4	454,050	3,511,906,933	0.000129	279,747	279,747
Spencer	Texas	4266	5	895,031	3,511,906,933	0.000255	279,747	279,747
Stryker Creek	Texas	3504	1	621,176	3,511,906,933	0.000177	279,747	279,747
Stryker Creek	Texas	3504	2	7,728,618	3,511,906,933	0.002201	279,747	279,747
Sweeny Cogeneration Facility	Texas	55015	1	11,343,316	3,511,906,933	0.003230	279,747	279,747
Sweeny Cogeneration Facility	Texas	55015	2	10,776,609	3,511,906,933	0.003069	279,747	279,747
Sweeny Cogeneration Facility	Texas	55015	3	10,727,398	3,511,906,933	0.003055	279,747	279,747
Sweeny Cogeneration Facility	Texas	55015	4	10,801,198	3,511,906,933	0.003076	279,747	279,747
Sweetwater Generating Plant	Texas	50615	GT01	429,072	3,511,906,933	0.000122	279,747	279,747
Sweetwater Generating Plant	Texas	50615	GT02	978,912	3,511,906,933	0.000279	279,747	279,747
Sweetwater Generating Plant	Texas	50615	GT03	969,142	3,511,906,933	0.000276	279,747	279,747
T C Ferguson Power Plant	Texas	4937	1	9,524,529	3,511,906,933	0.002712	279,747	279,747
T H Wharton	Texas	3469	THW31	1,029,517	3,511,906,933	0.000293	279,747	279,747
T H Wharton	Texas	3469	THW32	1,023,357	3,511,906,933	0.000291	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Sand Hill Energy Center	Texas	7900	SH4	129,571	129,571	50	50	23	23
Sand Hill Energy Center	Texas	7900	SH5	129,571	129,571	954	954	442	442
Sandow	Texas	6648	4	129,571	129,571	3,752	3,752	1,738	1,738
Sandow Station	Texas	52071	5A	129,571	129,571	791	791	366	366
Sandow Station	Texas	52071	5B	129,571	129,571	762	762	353	353
Silas Ray	Texas	3559	10	129,571	129,571	47	47	22	22
Silas Ray	Texas	3559	9	129,571	129,571	72	72	33	33
Sim Gideon	Texas	3601	1	129,571	129,571	108	108	50	50
Sim Gideon	Texas	3601	2	129,571	129,571	123	123	57	57
Sim Gideon	Texas	3601	3	129,571	129,571	701	701	325	325
South Houston Green Power Site	Texas	55470	EPN801	129,571	129,571	1,242	1,242	575	575
South Houston Green Power Site	Texas	55470	EPN802	129,571	129,571	1,247	1,247	577	577
South Houston Green Power Site	Texas	55470	EPN803	129,571	129,571	1,240	1,240	574	574
Spencer	Texas	4266	4	129,571	129,571	36	36	17	17
Spencer	Texas	4266	5	129,571	129,571	71	71	33	33
Stryker Creek	Texas	3504	1	129,571	129,571	49	49	23	23
Stryker Creek	Texas	3504	2	129,571	129,571	616	616	285	285
Sweeny Cogeneration Facility	Texas	55015	1	129,571	129,571	904	904	419	419
Sweeny Cogeneration Facility	Texas	55015	2	129,571	129,571	858	858	398	398
Sweeny Cogeneration Facility	Texas	55015	3	129,571	129,571	855	855	396	396
Sweeny Cogeneration Facility	Texas	55015	4	129,571	129,571	860	860	399	399
Sweetwater Generating Plant	Texas	50615	GT01	129,571	129,571	34	34	16	16
Sweetwater Generating Plant	Texas	50615	GT02	129,571	129,571	78	78	36	36
Sweetwater Generating Plant	Texas	50615	GT03	129,571	129,571	77	77	36	36
T C Ferguson Power Plant	Texas	4937	1	129,571	129,571	759	759	351	351
T H Wharton	Texas	3469	THW31	129,571	129,571	82	82	38	38
T H Wharton	Texas	3469	THW32	129,571	129,571	82	82	38	38

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Sand Hill Energy Center	Texas	7900	SH4	0	0	0	0	0	0
Sand Hill Energy Center	Texas	7900	SH5		1	3	3	3	4
Sandow	Texas	6648	4	27,475	26,583	25,969	23,747	23,365	20,776
Sandow Station	Texas	52071	5A						
Sandow Station	Texas	52071	5B						
Silas Ray	Texas	3559	10		0	0	0	0	0
Silas Ray	Texas	3559	9	1	0	0	0	0	0
Sim Gideon	Texas	3601	1	3	0	0	0	0	0
Sim Gideon	Texas	3601	2	3	1	0	0	0	0
Sim Gideon	Texas	3601	3	3	3	2	2	3	3
South Houston Green Power Site	Texas	55470	EPN801	0	21	18	14	26	31
South Houston Green Power Site	Texas	55470	EPN802	0	19	20	21	34	37
South Houston Green Power Site	Texas	55470	EPN803	0	19	22	22	28	30
Spencer	Texas	4266	4	1	0	0	0	0	0
Spencer	Texas	4266	5	2	1	1	0	2	0
Stryker Creek	Texas	3504	1	11	0	0	0	0	0
Stryker Creek	Texas	3504	2	145	8	81	7	2	2
Sweeny Cogeneration Facility	Texas	55015	1	3	3	3	3	3	2
Sweeny Cogeneration Facility	Texas	55015	2	2	3	3	3	3	3
Sweeny Cogeneration Facility	Texas	55015	3	2	3	3	3	3	2
Sweeny Cogeneration Facility	Texas	55015	4	3	3	3	3	3	2
Sweetwater Generating Plant	Texas	50615	GT01	0	0	0	0	0	0
Sweetwater Generating Plant	Texas	50615	GT02	1	0	0	0	0	0
Sweetwater Generating Plant	Texas	50615	GT03	1	0	0	0	0	0
T C Ferguson Power Plant	Texas	4937	1	19	2	3	3	3	2
T H Wharton	Texas	3469	THW31						
T H Wharton	Texas	3469	THW32						

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
Sand Hill Energy Center	Texas	7900	SH4	0	0	0				
Sand Hill Energy Center	Texas	7900	SH5	4	3	4				
Sandow	Texas	6648	4	25,594	16,365	27,475				
Sandow Station	Texas	52071	5A	229	773	773				
Sandow Station	Texas	52071	5B	158	725	725				
Silas Ray	Texas	3559	10	0	0	0				
Silas Ray	Texas	3559	9	0	0	1				
Sim Gideon	Texas	3601	1	0	0	3				
Sim Gideon	Texas	3601	2	0	0	3				
Sim Gideon	Texas	3601	3	3	2	3				
South Houston Green Power Site	Texas	55470	EPN801	40	41	41				
South Houston Green Power Site	Texas	55470	EPN802	51	37	51				
South Houston Green Power Site	Texas	55470	EPN803	40	47	47				
Spencer	Texas	4266	4	0	0	1				
Spencer	Texas	4266	5	0	0	2				
Stryker Creek	Texas	3504	1	0	0	11				
Stryker Creek	Texas	3504	2	2	2	145				
Sweeny Cogeneration Facility	Texas	55015	1	3	2	3				
Sweeny Cogeneration Facility	Texas	55015	2	3	3	3				
Sweeny Cogeneration Facility	Texas	55015	3	2	3	3				
Sweeny Cogeneration Facility	Texas	55015	4	3	2	3				
Sweetwater Generating Plant	Texas	50615	GT01	0		0				
Sweetwater Generating Plant	Texas	50615	GT02	0		1				
Sweetwater Generating Plant	Texas	50615	GT03	0		1				
T C Ferguson Power Plant	Texas	4937	1	3	2	19				
T H Wharton	Texas	3469	THW31	0	0	0				
T H Wharton	Texas	3469	THW32	0	0	0				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Sand Hill Energy Center	Texas	7900	SH4				14	149	53
Sand Hill Energy Center	Texas	7900	SH5					54	85
Sandow	Texas	6648	4				5,240	5,053	4,776
Sandow Station	Texas	52071	5A						
Sandow Station	Texas	52071	5B						
Silas Ray	Texas	3559	10					1	5
Silas Ray	Texas	3559	9				31	32	26
Sim Gideon	Texas	3601	1				127	61	69
Sim Gideon	Texas	3601	2				129	42	40
Sim Gideon	Texas	3601	3				585	426	319
South Houston Green Power Site	Texas	55470	EPN801				2	54	28
South Houston Green Power Site	Texas	55470	EPN802				1	52	51
South Houston Green Power Site	Texas	55470	EPN803				3	47	51
Spencer	Texas	4266	4				11	20	14
Spencer	Texas	4266	5				30	25	27
Stryker Creek	Texas	3504	1				116	15	38
Stryker Creek	Texas	3504	2				590	209	205
Sweeny Cogeneration Facility	Texas	55015	1				406	377	321
Sweeny Cogeneration Facility	Texas	55015	2				288	69	54
Sweeny Cogeneration Facility	Texas	55015	3				361	355	61
Sweeny Cogeneration Facility	Texas	55015	4				420	406	435
Sweetwater Generating Plant	Texas	50615	GT01				55	35	24
Sweetwater Generating Plant	Texas	50615	GT02				225	73	68
Sweetwater Generating Plant	Texas	50615	GT03				271	55	67
T C Ferguson Power Plant	Texas	4937	1				825	604	828
T H Wharton	Texas	3469	THW31						
T H Wharton	Texas	3469	THW32						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Sand Hill Energy Center	Texas	7900	SH4	14	8	7	5	7	149
Sand Hill Energy Center	Texas	7900	SH5	75	91	103	112	103	112
Sandow	Texas	6648	4	4,307	4,890	4,020	4,912	1,244	5,240
Sandow Station	Texas	52071	5A				153	679	679
Sandow Station	Texas	52071	5B				147	651	651
Silas Ray	Texas	3559	10	7	2	3	3	2	7
Silas Ray	Texas	3559	9	38	12	24	18	14	38
Sim Gideon	Texas	3601	1	112	76	93	79	45	127
Sim Gideon	Texas	3601	2	67	113	96	97	62	129
Sim Gideon	Texas	3601	3	395	435	547	340	159	585
South Houston Green Power Site	Texas	55470	EPN801	25	58	69	87	98	98
South Houston Green Power Site	Texas	55470	EPN802	43	64	77	92	84	92
South Houston Green Power Site	Texas	55470	EPN803	46	59	69	91	99	99
Spencer	Texas	4266	4	16	4	5	4	1	20
Spencer	Texas	4266	5	32	14	3	6	7	32
Stryker Creek	Texas	3504	1	76	70	52	61	35	116
Stryker Creek	Texas	3504	2	271	363	345	257	228	590
Sweeny Cogeneration Facility	Texas	55015	1	52	55	36	53	46	406
Sweeny Cogeneration Facility	Texas	55015	2	49	45	31	34	36	288
Sweeny Cogeneration Facility	Texas	55015	3	54	52	53	42	50	361
Sweeny Cogeneration Facility	Texas	55015	4	454	179	39	68	85	454
Sweetwater Generating Plant	Texas	50615	GT01	33	23	15	0		55
Sweetwater Generating Plant	Texas	50615	GT02	70	56	37	2		225
Sweetwater Generating Plant	Texas	50615	GT03	70	56	40	1		271
T C Ferguson Power Plant	Texas	4937	1	1,279	1,532	1,119	696	450	1,532
T H Wharton	Texas	3469	THW31			6	8	9	9
T H Wharton	Texas	3469	THW32			14	35	34	35

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Sand Hill Energy Center	Texas	7900	SH4						
Sand Hill Energy Center	Texas	7900	SH5						
Sandow	Texas	6648	4						
Sandow Station	Texas	52071	5A						
Sandow Station	Texas	52071	5B						
Silas Ray	Texas	3559	10						
Silas Ray	Texas	3559	9						
Sim Gideon	Texas	3601	1						
Sim Gideon	Texas	3601	2						
Sim Gideon	Texas	3601	3						
South Houston Green Power Site	Texas	55470	EPN801						
South Houston Green Power Site	Texas	55470	EPN802						
South Houston Green Power Site	Texas	55470	EPN803						
Spencer	Texas	4266	4						
Spencer	Texas	4266	5						
Stryker Creek	Texas	3504	1						
Stryker Creek	Texas	3504	2						
Sweeny Cogeneration Facility	Texas	55015	1						
Sweeny Cogeneration Facility	Texas	55015	2						
Sweeny Cogeneration Facility	Texas	55015	3						
Sweeny Cogeneration Facility	Texas	55015	4						
Sweetwater Generating Plant	Texas	50615	GT01						
Sweetwater Generating Plant	Texas	50615	GT02						
Sweetwater Generating Plant	Texas	50615	GT03						
T C Ferguson Power Plant	Texas	4937	1						
T H Wharton	Texas	3469	THW31						
T H Wharton	Texas	3469	THW32						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Sand Hill Energy Center	Texas	7900	SH4	0	0	0	0
Sand Hill Energy Center	Texas	7900	SH5	4	4	4	4
Sandow	Texas	6648	4	8,370	8,370	8,370	8,370
Sandow Station	Texas	52071	5A	773	773	773	773
Sandow Station	Texas	52071	5B	725	725	725	725
Silas Ray	Texas	3559	10	0	0	0	0
Silas Ray	Texas	3559	9	1	1	1	1
Sim Gideon	Texas	3601	1	3	3	3	3
Sim Gideon	Texas	3601	2	3	3	3	3
Sim Gideon	Texas	3601	3	3	3	3	3
South Houston Green Power Site	Texas	55470	EPN801	41	41	41	41
South Houston Green Power Site	Texas	55470	EPN802	51	51	51	51
South Houston Green Power Site	Texas	55470	EPN803	47	47	47	47
Spencer	Texas	4266	4	1	1	1	1
Spencer	Texas	4266	5	2	2	2	2
Stryker Creek	Texas	3504	1	11	11	11	11
Stryker Creek	Texas	3504	2	145	145	145	145
Sweeny Cogeneration Facility	Texas	55015	1	3	3	3	3
Sweeny Cogeneration Facility	Texas	55015	2	3	3	3	3
Sweeny Cogeneration Facility	Texas	55015	3	3	3	3	3
Sweeny Cogeneration Facility	Texas	55015	4	3	3	3	3
Sweetwater Generating Plant	Texas	50615	GT01	0	0	0	0
Sweetwater Generating Plant	Texas	50615	GT02	1	1	1	1
Sweetwater Generating Plant	Texas	50615	GT03	1	1	1	1
T C Ferguson Power Plant	Texas	4937	1	19	19	19	19
T H Wharton	Texas	3469	THW31	0	0	0	0
T H Wharton	Texas	3469	THW32	0	0	0	0

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Sand Hill Energy Center	Texas	7900	SH4	0	0	32	32
Sand Hill Energy Center	Texas	7900	SH5	4	4	112	112
Sandow	Texas	6648	4	8,370	8,370	2,425	2,425
Sandow Station	Texas	52071	5A	773	773	511	511
Sandow Station	Texas	52071	5B	725	725	492	492
Silas Ray	Texas	3559	10	0	0	7	7
Silas Ray	Texas	3559	9	1	1	38	38
Sim Gideon	Texas	3601	1	3	3	70	70
Sim Gideon	Texas	3601	2	3	3	80	80
Sim Gideon	Texas	3601	3	3	3	453	453
South Houston Green Power Site	Texas	55470	EPN801	41	41	98	98
South Houston Green Power Site	Texas	55470	EPN802	51	51	92	92
South Houston Green Power Site	Texas	55470	EPN803	47	47	99	99
Spencer	Texas	4266	4	1	1	20	20
Spencer	Texas	4266	5	2	2	32	32
Stryker Creek	Texas	3504	1	11	11	32	32
Stryker Creek	Texas	3504	2	145	145	398	398
Sweeny Cogeneration Facility	Texas	55015	1	3	3	406	406
Sweeny Cogeneration Facility	Texas	55015	2	3	3	288	288
Sweeny Cogeneration Facility	Texas	55015	3	3	3	361	361
Sweeny Cogeneration Facility	Texas	55015	4	3	3	454	454
Sweetwater Generating Plant	Texas	50615	GT01	0	0	22	22
Sweetwater Generating Plant	Texas	50615	GT02	1	1	50	50
Sweetwater Generating Plant	Texas	50615	GT03	1	1	50	50
T C Ferguson Power Plant	Texas	4937	1	19	19	490	490
T H Wharton	Texas	3469	THW31	0	0	9	9
T H Wharton	Texas	3469	THW32	0	0	35	35

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Sand Hill Energy Center	Texas	7900	SH4	32	32	32	32
Sand Hill Energy Center	Texas	7900	SH5	112	112	112	112
Sandow	Texas	6648	4	2,425	2,425	2,425	2,425
Sandow Station	Texas	52071	5A	511	511	511	511
Sandow Station	Texas	52071	5B	492	492	492	492
Silas Ray	Texas	3559	10	7	7	7	7
Silas Ray	Texas	3559	9	38	38	38	38
Sim Gideon	Texas	3601	1	70	70	70	70
Sim Gideon	Texas	3601	2	80	80	80	80
Sim Gideon	Texas	3601	3	453	453	453	453
South Houston Green Power Site	Texas	55470	EPN801	98	98	98	98
South Houston Green Power Site	Texas	55470	EPN802	92	92	92	92
South Houston Green Power Site	Texas	55470	EPN803	99	99	99	99
Spencer	Texas	4266	4	20	20	20	20
Spencer	Texas	4266	5	32	32	32	32
Stryker Creek	Texas	3504	1	32	32	32	32
Stryker Creek	Texas	3504	2	398	398	398	398
Sweeny Cogeneration Facility	Texas	55015	1	406	406	406	406
Sweeny Cogeneration Facility	Texas	55015	2	288	288	288	288
Sweeny Cogeneration Facility	Texas	55015	3	361	361	361	361
Sweeny Cogeneration Facility	Texas	55015	4	454	454	454	454
Sweetwater Generating Plant	Texas	50615	GT01	22	22	22	22
Sweetwater Generating Plant	Texas	50615	GT02	50	50	50	50
Sweetwater Generating Plant	Texas	50615	GT03	50	50	50	50
T C Ferguson Power Plant	Texas	4937	1	490	490	490	490
T H Wharton	Texas	3469	THW31	9	9	9	9
T H Wharton	Texas	3469	THW32	35	35	35	35

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Sand Hill Energy Center	Texas	7900	SH4	347,804	325,962	298,986	331,613	299,873	335,126
Sand Hill Energy Center	Texas	7900	SH5	4,157,596	5,555,730	6,099,380	5,746,555	5,630,109	5,825,348
Sandow	Texas	6648	4	20,194,979	19,279,845	15,092,543	21,409,890	17,690,220	20,294,904
Sandow Station	Texas	52071	5A					8,024,562	8,024,562
Sandow Station	Texas	52071	5B					7,547,740	7,547,740
Silas Ray	Texas	3559	10	560,307	104,796	208,203	177,970	229,810	332,773
Silas Ray	Texas	3559	9	778,339	91,251	551,564	402,761	437,884	589,262
Sim Gideon	Texas	3601	1	978,797	423,159	816,583	810,357	449,449	868,579
Sim Gideon	Texas	3601	2	749,249	596,200	872,385	880,583	437,258	834,072
Sim Gideon	Texas	3601	3	3,343,907	4,109,880	4,350,381	4,288,269	3,979,361	4,249,510
South Houston Green Power Site	Texas	55470	EPN801	4,082,899	6,280,158	6,109,371	7,074,104	7,244,331	6,866,198
South Houston Green Power Site	Texas	55470	EPN802	5,100,245	6,441,701	6,144,767	7,367,084	7,083,804	6,964,196
South Houston Green Power Site	Texas	55470	EPN803	4,016,696	6,375,948	5,908,353	7,019,235	6,842,272	6,745,818
Spencer	Texas	4266	4	549,754	117,729	228,837	165,628		314,740
Spencer	Texas	4266	5	894,187	276,914	160,760	331,136	227,438	500,746
Stryker Creek	Texas	3504	1	506,424	468,617	482,632	385,333	211,820	485,891
Stryker Creek	Texas	3504	2	3,989,442	4,525,692	4,894,377	3,123,654	3,326,819	4,469,837
Sweeny Cogeneration Facility	Texas	55015	1	4,927,059	5,226,258	2,057,027	4,954,065	3,491,188	5,035,794
Sweeny Cogeneration Facility	Texas	55015	2	4,364,131	5,091,089	3,287,680	4,650,321	4,792,384	4,844,598
Sweeny Cogeneration Facility	Texas	55015	3	4,859,532	4,470,466	3,806,026	2,830,259	3,850,984	4,393,660
Sweeny Cogeneration Facility	Texas	55015	4	5,167,220	3,696,667	3,150,118	4,555,011	3,375,901	4,472,966
Sweetwater Generating Plant	Texas	50615	GT01	437,301	210,486	204,977			284,255
Sweetwater Generating Plant	Texas	50615	GT02	953,581	482,016	443,835			626,477
Sweetwater Generating Plant	Texas	50615	GT03	923,617	513,686	433,565			623,622
T C Ferguson Power Plant	Texas	4937	1	4,599,020	3,486,674	2,837,324	5,907,900	3,521,800	4,676,240
T H Wharton	Texas	3469	THW31			629,200	722,939	650,171	667,437
T H Wharton	Texas	3469	THW32			506,672	748,502	721,256	658,810

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Sand Hill Energy Center	Texas	7900	SH4	1,726,255,329	0.000194	61,841	61,841	12	12
Sand Hill Energy Center	Texas	7900	SH5	1,726,255,329	0.003375	61,841	61,841	209	209
Sandow	Texas	6648	4	1,726,255,329	0.011757	61,841	61,841	727	727
Sandow Station	Texas	52071	5A	1,726,255,329	0.004649	61,841	61,841	287	287
Sandow Station	Texas	52071	5B	1,726,255,329	0.004372	61,841	61,841	270	270
Silas Ray	Texas	3559	10	1,726,255,329	0.000193	61,841	61,841	12	12
Silas Ray	Texas	3559	9	1,726,255,329	0.000341	61,841	61,841	21	21
Sim Gideon	Texas	3601	1	1,726,255,329	0.000503	61,841	61,841	31	31
Sim Gideon	Texas	3601	2	1,726,255,329	0.000483	61,841	61,841	30	30
Sim Gideon	Texas	3601	3	1,726,255,329	0.002462	61,841	61,841	152	152
South Houston Green Power Site	Texas	55470	EPN801	1,726,255,329	0.003978	61,841	61,841	246	246
South Houston Green Power Site	Texas	55470	EPN802	1,726,255,329	0.004034	61,841	61,841	249	249
South Houston Green Power Site	Texas	55470	EPN803	1,726,255,329	0.003908	61,841	61,841	242	242
Spencer	Texas	4266	4	1,726,255,329	0.000182	61,841	61,841	11	11
Spencer	Texas	4266	5	1,726,255,329	0.000290	61,841	61,841	18	18
Stryker Creek	Texas	3504	1	1,726,255,329	0.000281	61,841	61,841	17	17
Stryker Creek	Texas	3504	2	1,726,255,329	0.002589	61,841	61,841	160	160
Sweeny Cogeneration Facility	Texas	55015	1	1,726,255,329	0.002917	61,841	61,841	180	180
Sweeny Cogeneration Facility	Texas	55015	2	1,726,255,329	0.002806	61,841	61,841	174	174
Sweeny Cogeneration Facility	Texas	55015	3	1,726,255,329	0.002545	61,841	61,841	157	157
Sweeny Cogeneration Facility	Texas	55015	4	1,726,255,329	0.002591	61,841	61,841	160	160
Sweetwater Generating Plant	Texas	50615	GT01	1,726,255,329	0.000165	61,841	61,841	10	10
Sweetwater Generating Plant	Texas	50615	GT02	1,726,255,329	0.000363	61,841	61,841	22	22
Sweetwater Generating Plant	Texas	50615	GT03	1,726,255,329	0.000361	61,841	61,841	22	22
T C Ferguson Power Plant	Texas	4937	1	1,726,255,329	0.002709	61,841	61,841	168	168
T H Wharton	Texas	3469	THW31	1,726,255,329	0.000387	61,841	61,841	24	24
T H Wharton	Texas	3469	THW32	1,726,255,329	0.000382	61,841	61,841	24	24

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Sand Hill Energy Center	Texas	7900	SH4	5	71	16	5	4	3
Sand Hill Energy Center	Texas	7900	SH5			36	31	43	50
Sandow	Texas	6648	4	2,164	2,151	1,986	1,970	1,879	1,463
Sandow Station	Texas	52071	5A						
Sandow Station	Texas	52071	5B						
Silas Ray	Texas	3559	10			2	4	1	1
Silas Ray	Texas	3559	9	23	18	11	21	3	16
Sim Gideon	Texas	3601	1	80	13	40	83	28	59
Sim Gideon	Texas	3601	2	78	10	28	50	41	60
Sim Gideon	Texas	3601	3	280	177	168	220	181	247
South Houston Green Power Site	Texas	55470	EPN801		24	22	15	26	31
South Houston Green Power Site	Texas	55470	EPN802		25	23	19	26	33
South Houston Green Power Site	Texas	55470	EPN803	1	25	25	17	25	30
Spencer	Texas	4266	4	9	15	11	10	2	4
Spencer	Texas	4266	5	19	12	18	18	5	3
Stryker Creek	Texas	3504	1	54	8	31	63	54	38
Stryker Creek	Texas	3504	2	305	150	132	166	203	209
Sweeny Cogeneration Facility	Texas	55015	1	152	157	150	23	24	11
Sweeny Cogeneration Facility	Texas	55015	2	134	21	20	17	20	11
Sweeny Cogeneration Facility	Texas	55015	3	95	174	22	23	20	37
Sweeny Cogeneration Facility	Texas	55015	4	178	169	163	186	46	16
Sweetwater Generating Plant	Texas	50615	GT01	31	17	16	25	11	9
Sweetwater Generating Plant	Texas	50615	GT02	112	35	50	51	23	23
Sweetwater Generating Plant	Texas	50615	GT03	97	27	50	52	27	23
T C Ferguson Power Plant	Texas	4937	1	485	303	467	518	490	367
T H Wharton	Texas	3469	THW31						4
T H Wharton	Texas	3469	THW32						8

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Sand Hill Energy Center	Texas	7900	SH4	4	3	71			
Sand Hill Energy Center	Texas	7900	SH5	51	49	51			
Sandow	Texas	6648	4	2,301	500	2,301			
Sandow Station	Texas	52071	5A		321	321			
Sandow Station	Texas	52071	5B		298	298			
Silas Ray	Texas	3559	10	1	2	4			
Silas Ray	Texas	3559	9	13	13	23			
Sim Gideon	Texas	3601	1	44	21	83			
Sim Gideon	Texas	3601	2	48	28	78			
Sim Gideon	Texas	3601	3	166	61	280			
South Houston Green Power Site	Texas	55470	EPN801	37	43	43			
South Houston Green Power Site	Texas	55470	EPN802	39	41	41			
South Houston Green Power Site	Texas	55470	EPN803	39	41	41			
Spencer	Texas	4266	4	3		15			
Spencer	Texas	4266	5	6	5	19			
Stryker Creek	Texas	3504	1	50	22	63			
Stryker Creek	Texas	3504	2	125	148	305			
Sweeny Cogeneration Facility	Texas	55015	1	23	17	157			
Sweeny Cogeneration Facility	Texas	55015	2	16	17	134			
Sweeny Cogeneration Facility	Texas	55015	3	13	20	174			
Sweeny Cogeneration Facility	Texas	55015	4	24	18	186			
Sweetwater Generating Plant	Texas	50615	GT01			31			
Sweetwater Generating Plant	Texas	50615	GT02			112			
Sweetwater Generating Plant	Texas	50615	GT03			97			
T C Ferguson Power Plant	Texas	4937	1	413	216	518			
T H Wharton	Texas	3469	THW31	5	5	5			
T H Wharton	Texas	3469	THW32	22	22	22			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Sand Hill Energy Center	Texas	7900	SH4				17	17
Sand Hill Energy Center	Texas	7900	SH5				51	51
Sandow	Texas	6648	4				1,051	1,051
Sandow Station	Texas	52071	5A				321	321
Sandow Station	Texas	52071	5B				298	298
Silas Ray	Texas	3559	10				4	4
Silas Ray	Texas	3559	9				23	23
Sim Gideon	Texas	3601	1				45	45
Sim Gideon	Texas	3601	2				43	43
Sim Gideon	Texas	3601	3				220	220
South Houston Green Power Site	Texas	55470	EPN801				43	43
South Houston Green Power Site	Texas	55470	EPN802				41	41
South Houston Green Power Site	Texas	55470	EPN803				41	41
Spencer	Texas	4266	4				15	15
Spencer	Texas	4266	5				19	19
Stryker Creek	Texas	3504	1				25	25
Stryker Creek	Texas	3504	2				232	232
Sweeny Cogeneration Facility	Texas	55015	1				157	157
Sweeny Cogeneration Facility	Texas	55015	2				134	134
Sweeny Cogeneration Facility	Texas	55015	3				174	174
Sweeny Cogeneration Facility	Texas	55015	4				186	186
Sweetwater Generating Plant	Texas	50615	GT01				15	15
Sweetwater Generating Plant	Texas	50615	GT02				32	32
Sweetwater Generating Plant	Texas	50615	GT03				32	32
T C Ferguson Power Plant	Texas	4937	1				242	242
T H Wharton	Texas	3469	THW31				5	5
T H Wharton	Texas	3469	THW32				22	22

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Sand Hill Energy Center	Texas	7900	SH4	17	17	17	17	Y
Sand Hill Energy Center	Texas	7900	SH5	51	51	51	51	Y
Sandow	Texas	6648	4	1,051	1,051	1,051	1,051	Y
Sandow Station	Texas	52071	5A	321	321	321	321	Y
Sandow Station	Texas	52071	5B	298	298	298	298	Y
Silas Ray	Texas	3559	10	4	4	4	4	Y
Silas Ray	Texas	3559	9	23	23	23	23	Y
Sim Gideon	Texas	3601	1	45	45	45	45	Y
Sim Gideon	Texas	3601	2	43	43	43	43	Y
Sim Gideon	Texas	3601	3	220	220	220	220	Y
South Houston Green Power Site	Texas	55470	EPN801	43	43	43	43	Y
South Houston Green Power Site	Texas	55470	EPN802	41	41	41	41	Y
South Houston Green Power Site	Texas	55470	EPN803	41	41	41	41	Y
Spencer	Texas	4266	4	15	15	15	15	Y
Spencer	Texas	4266	5	19	19	19	19	Y
Stryker Creek	Texas	3504	1	25	25	25	25	Y
Stryker Creek	Texas	3504	2	232	232	232	232	Y
Sweeny Cogeneration Facility	Texas	55015	1	157	157	157	157	Y
Sweeny Cogeneration Facility	Texas	55015	2	134	134	134	134	Y
Sweeny Cogeneration Facility	Texas	55015	3	174	174	174	174	Y
Sweeny Cogeneration Facility	Texas	55015	4	186	186	186	186	Y
Sweetwater Generating Plant	Texas	50615	GT01	15	15	15	15	Y
Sweetwater Generating Plant	Texas	50615	GT02	32	32	32	32	Y
Sweetwater Generating Plant	Texas	50615	GT03	32	32	32	32	Y
T C Ferguson Power Plant	Texas	4937	1	242	242	242	242	Y
T H Wharton	Texas	3469	THW31	5	5	5	5	Y
T H Wharton	Texas	3469	THW32	22	22	22	22	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Sand Hill Energy Center	Texas	7900	SH4		Y	Y		
Sand Hill Energy Center	Texas	7900	SH5		Y	Y		
Sandow	Texas	6648	4		Y	Y		
Sandow Station	Texas	52071	5A		Y	Y		
Sandow Station	Texas	52071	5B		Y	Y		
Silas Ray	Texas	3559	10		Y	Y		
Silas Ray	Texas	3559	9		Y	Y		
Sim Gideon	Texas	3601	1		Y	Y		
Sim Gideon	Texas	3601	2		Y	Y		
Sim Gideon	Texas	3601	3		Y	Y		
South Houston Green Power Site	Texas	55470	EPN801		Y	Y		
South Houston Green Power Site	Texas	55470	EPN802		Y	Y		
South Houston Green Power Site	Texas	55470	EPN803		Y	Y		
Spencer	Texas	4266	4		Y	Y		
Spencer	Texas	4266	5		Y	Y		
Stryker Creek	Texas	3504	1		Y	Y		
Stryker Creek	Texas	3504	2		Y	Y		
Sweeny Cogeneration Facility	Texas	55015	1		Y	Y		
Sweeny Cogeneration Facility	Texas	55015	2		Y	Y		
Sweeny Cogeneration Facility	Texas	55015	3		Y	Y		
Sweeny Cogeneration Facility	Texas	55015	4		Y	Y		
Sweetwater Generating Plant	Texas	50615	GT01		Y	Y		
Sweetwater Generating Plant	Texas	50615	GT02		Y	Y		
Sweetwater Generating Plant	Texas	50615	GT03		Y	Y		
T C Ferguson Power Plant	Texas	4937	1		Y	Y		
T H Wharton	Texas	3469	THW31		Y	Y		
T H Wharton	Texas	3469	THW32		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
T H Wharton	Texas	3469	THW33	89960			920,492	1,438,054	1,089,177
T H Wharton	Texas	3469	THW34	89961			919,310	1,391,928	1,101,447
T H Wharton	Texas	3469	THW41	89962			808,558	1,304,926	1,112,175
T H Wharton	Texas	3469	THW42	89963			858,919	1,216,297	1,076,519
T H Wharton	Texas	3469	THW43	89964			939,100	1,402,154	1,180,131
T H Wharton	Texas	3469	THW44	89965			792,486	1,343,080	1,058,463
T H Wharton	Texas	3469	THW51	89966			123,895	158,662	156,140
T H Wharton	Texas	3469	THW52	89967			115,429	223,251	165,356
T H Wharton	Texas	3469	THW53	89968				198,515	143,588
T H Wharton	Texas	3469	THW54	89969				148,250	159,206
T H Wharton	Texas	3469	THW55	89970			113,973		195,341
T H Wharton	Texas	3469	THW56	89971			121,157		197,059
Tenaska Frontier Generation Station	Texas	55062	1	3843	10,679,119	9,927,982	12,064,068	12,467,664	10,152,167
Tenaska Frontier Generation Station	Texas	55062	2	3844	9,460,541	11,893,095	12,211,806	12,366,426	9,130,532
Tenaska Frontier Generation Station	Texas	55062	3	3845	9,177,834	10,099,560	10,333,988	12,268,533	7,505,848
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	3970	10,188,661	10,327,204	8,126,275	6,379,785	8,115,234
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	3971	10,857,946	9,546,167	7,889,970	6,510,434	8,000,145
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	3972	10,152,707	9,272,399	8,250,507	6,338,161	7,120,888
Texas City Cogeneration	Texas	52088	GT-A	89949			3,283,173	1,754,940	1,243,049
Texas City Cogeneration	Texas	52088	GT-B	89950			8,495,365	7,618,708	6,495,691
Texas City Cogeneration	Texas	52088	GT-C	89951			7,289,259	9,520,331	8,243,378
Texas Petrochemicals	Texas	50229	TPCBLR		15,736,888	13,368,353	8,980,819	9,834,200	
Tolk Station	Texas	6194	171B	2841	30,985,535	36,492,051	40,116,210	33,875,149	39,861,511
Tolk Station	Texas	6194	172B	2842	38,451,725	37,958,618	35,236,533	40,247,195	40,513,042
Tradinghouse	Texas	3506	1	2431	2,440,219	1,263,668	1,242,785		
Tradinghouse	Texas	3506	2	2432	3,926,231	3,424,123	4,160,177	2,957,701	2,728,023
Trinidad	Texas	3507	9	2435	743,870	950,239	918,819	758,464	424,986

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
T H Wharton	Texas	3469	THW33	1,149,241	3,511,906,933	0.000327	279,747	279,747
T H Wharton	Texas	3469	THW34	1,137,562	3,511,906,933	0.000324	279,747	279,747
T H Wharton	Texas	3469	THW41	1,075,220	3,511,906,933	0.000306	279,747	279,747
T H Wharton	Texas	3469	THW42	1,050,578	3,511,906,933	0.000299	279,747	279,747
T H Wharton	Texas	3469	THW43	1,173,795	3,511,906,933	0.000334	279,747	279,747
T H Wharton	Texas	3469	THW44	1,064,676	3,511,906,933	0.000303	279,747	279,747
T H Wharton	Texas	3469	THW51	146,233	3,511,906,933	0.000042	279,747	279,747
T H Wharton	Texas	3469	THW52	168,012	3,511,906,933	0.000048	279,747	279,747
T H Wharton	Texas	3469	THW53	171,051	3,511,906,933	0.000049	279,747	279,747
T H Wharton	Texas	3469	THW54	153,728	3,511,906,933	0.000044	279,747	279,747
T H Wharton	Texas	3469	THW55	154,657	3,511,906,933	0.000044	279,747	279,747
T H Wharton	Texas	3469	THW56	159,108	3,511,906,933	0.000045	279,747	279,747
Tenaska Frontier Generation Station	Texas	55062	1	11,736,950	3,511,906,933	0.003342	279,747	279,747
Tenaska Frontier Generation Station	Texas	55062	2	12,157,109	3,511,906,933	0.003462	279,747	279,747
Tenaska Frontier Generation Station	Texas	55062	3	10,900,694	3,511,906,933	0.003104	279,747	279,747
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	9,547,380	3,511,906,933	0.002719	279,747	279,747
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	9,468,086	3,511,906,933	0.002696	279,747	279,747
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	9,225,204	3,511,906,933	0.002627	279,747	279,747
Texas City Cogeneration	Texas	52088	GT-A	2,093,721	3,511,906,933	0.000596	279,747	279,747
Texas City Cogeneration	Texas	52088	GT-B	7,536,588	3,511,906,933	0.002146	279,747	279,747
Texas City Cogeneration	Texas	52088	GT-C	8,350,989	3,511,906,933	0.002378	279,747	279,747
Texas Petrochemicals	Texas	50229	TPCBLR	12,979,814	3,511,906,933	0.003696	279,747	279,747
Tolk Station	Texas	6194	171B	38,823,257	3,511,906,933	0.011055	279,747	279,747
Tolk Station	Texas	6194	172B	39,737,321	3,511,906,933	0.011315	279,747	279,747
Tradinghouse	Texas	3506	1	1,648,890	3,511,906,933	0.000470	279,747	279,747
Tradinghouse	Texas	3506	2	3,836,844	3,511,906,933	0.001093	279,747	279,747
Trinidad	Texas	3507	9	875,841	3,511,906,933	0.000249	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
T H Wharton	Texas	3469	THW33	129,571	129,571	92	92	42	42
T H Wharton	Texas	3469	THW34	129,571	129,571	91	91	42	42
T H Wharton	Texas	3469	THW41	129,571	129,571	86	86	40	40
T H Wharton	Texas	3469	THW42	129,571	129,571	84	84	39	39
T H Wharton	Texas	3469	THW43	129,571	129,571	94	94	43	43
T H Wharton	Texas	3469	THW44	129,571	129,571	85	85	39	39
T H Wharton	Texas	3469	THW51	129,571	129,571	12	12	5	5
T H Wharton	Texas	3469	THW52	129,571	129,571	13	13	6	6
T H Wharton	Texas	3469	THW53	129,571	129,571	14	14	6	6
T H Wharton	Texas	3469	THW54	129,571	129,571	12	12	6	6
T H Wharton	Texas	3469	THW55	129,571	129,571	12	12	6	6
T H Wharton	Texas	3469	THW56	129,571	129,571	13	13	6	6
Tenaska Frontier Generation Station	Texas	55062	1	129,571	129,571	935	935	433	433
Tenaska Frontier Generation Station	Texas	55062	2	129,571	129,571	968	968	449	449
Tenaska Frontier Generation Station	Texas	55062	3	129,571	129,571	868	868	402	402
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	129,571	129,571	761	761	352	352
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	129,571	129,571	754	754	349	349
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	129,571	129,571	735	735	340	340
Texas City Cogeneration	Texas	52088	GT-A	129,571	129,571	167	167	77	77
Texas City Cogeneration	Texas	52088	GT-B	129,571	129,571	600	600	278	278
Texas City Cogeneration	Texas	52088	GT-C	129,571	129,571	665	665	308	308
Texas Petrochemicals	Texas	50229	TPCBLR	129,571	129,571	1,034	1,034	479	479
Tolk Station	Texas	6194	171B	129,571	129,571	3,093	3,093	1,432	1,432
Tolk Station	Texas	6194	172B	129,571	129,571	3,165	3,165	1,466	1,466
Tradinghouse	Texas	3506	1	129,571	129,571	131	131	61	61
Tradinghouse	Texas	3506	2	129,571	129,571	306	306	142	142
Trinidad	Texas	3507	9	129,571	129,571	70	70	32	32

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
T H Wharton	Texas	3469	THW33						
T H Wharton	Texas	3469	THW34						
T H Wharton	Texas	3469	THW41						
T H Wharton	Texas	3469	THW42						
T H Wharton	Texas	3469	THW43						
T H Wharton	Texas	3469	THW44						
T H Wharton	Texas	3469	THW51						
T H Wharton	Texas	3469	THW52						
T H Wharton	Texas	3469	THW53						
T H Wharton	Texas	3469	THW54						
T H Wharton	Texas	3469	THW55						
T H Wharton	Texas	3469	THW56						
Tenaska Frontier Generation Station	Texas	55062	1	3	3	3	3	3	4
Tenaska Frontier Generation Station	Texas	55062	2	3	3	3	3	4	4
Tenaska Frontier Generation Station	Texas	55062	3	3	3	3	3	3	3
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	3	3	3	3	3	2
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	3	3	3	3	3	9
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	3	3	3	3	3	3
Texas City Cogeneration	Texas	52088	GT-A						1
Texas City Cogeneration	Texas	52088	GT-B						3
Texas City Cogeneration	Texas	52088	GT-C						2
Texas Petrochemicals	Texas	50229	TPCBLR		31	31		25	
Tolk Station	Texas	6194	171B	13,633	11,397	12,109	9,801	9,545	11,260
Tolk Station	Texas	6194	172B	13,333	10,951	8,227	10,841	9,328	8,917
Tradinghouse	Texas	3506	1	2	0	0	1	0	0
Tradinghouse	Texas	3506	2	21	1	1	1	5	1
Trinidad	Texas	3507	9	97	1	44	6	2	0

							Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	
Calculation						Highest value of columns V - AC				
T H Wharton	Texas	3469	THW33	0	0	0				
T H Wharton	Texas	3469	THW34	0	0	0				
T H Wharton	Texas	3469	THW41	0	0	0				
T H Wharton	Texas	3469	THW42	0	0	0				
T H Wharton	Texas	3469	THW43	0	0	0				
T H Wharton	Texas	3469	THW44	0	0	0				
T H Wharton	Texas	3469	THW51	0	0	0				
T H Wharton	Texas	3469	THW52	0	0	0				
T H Wharton	Texas	3469	THW53	0	0	0				
T H Wharton	Texas	3469	THW54	0	0	0				
T H Wharton	Texas	3469	THW55		0	0				
T H Wharton	Texas	3469	THW56		0	0				
Tenaska Frontier Generation Station	Texas	55062	1	4	3	4				
Tenaska Frontier Generation Station	Texas	55062	2	4	3	4				
Tenaska Frontier Generation Station	Texas	55062	3	4	2	4				
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	2	2	3				
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	2	2	9				
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	2	2	3				
Texas City Cogeneration	Texas	52088	GT-A	1	0	1				
Texas City Cogeneration	Texas	52088	GT-B	2	2	3				
Texas City Cogeneration	Texas	52088	GT-C	3	2	3				
Texas Petrochemicals	Texas	50229	TPCBLR			31				
Tolk Station	Texas	6194	171B	10,681	12,412	13,633				
Tolk Station	Texas	6194	172B	11,960	12,062	13,333				
Tradinghouse	Texas	3506	1			2				
Tradinghouse	Texas	3506	2	1	1	21				
Trinidad	Texas	3507	9	0	0	97				

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
T H Wharton	Texas	3469	THW33						
T H Wharton	Texas	3469	THW34						
T H Wharton	Texas	3469	THW41						
T H Wharton	Texas	3469	THW42						
T H Wharton	Texas	3469	THW43						
T H Wharton	Texas	3469	THW44						
T H Wharton	Texas	3469	THW51						
T H Wharton	Texas	3469	THW52						
T H Wharton	Texas	3469	THW53						
T H Wharton	Texas	3469	THW54						
T H Wharton	Texas	3469	THW55						
T H Wharton	Texas	3469	THW56						
Tenaska Frontier Generation Station	Texas	55062	1				165	157	176
Tenaska Frontier Generation Station	Texas	55062	2				148	160	202
Tenaska Frontier Generation Station	Texas	55062	3				146	159	195
Tenaska Gateway Generating Station	Texas	55132	OGTDB1				134	125	144
Tenaska Gateway Generating Station	Texas	55132	OGTDB2				129	130	141
Tenaska Gateway Generating Station	Texas	55132	OGTDB3				119	119	131
Texas City Cogeneration	Texas	52088	GT-A						
Texas City Cogeneration	Texas	52088	GT-B						
Texas City Cogeneration	Texas	52088	GT-C						
Texas Petrochemicals	Texas	50229	TPCBLR					1,220	1,038
Tolk Station	Texas	6194	171B				6,509	6,288	6,368
Tolk Station	Texas	6194	172B				6,570	5,447	4,686
Tradinghouse	Texas	3506	1				503	112	100
Tradinghouse	Texas	3506	2				1,918	207	290
Trinidad	Texas	3507	9				231	67	61

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
T H Wharton	Texas	3469	THW33			6	14	8	14
T H Wharton	Texas	3469	THW34			6	11	8	11
T H Wharton	Texas	3469	THW41			5	11	10	11
T H Wharton	Texas	3469	THW42			5	9	8	9
T H Wharton	Texas	3469	THW43			6	13	10	13
T H Wharton	Texas	3469	THW44			20	49	39	49
T H Wharton	Texas	3469	THW51			27	12	13	27
T H Wharton	Texas	3469	THW52			26	19	14	26
T H Wharton	Texas	3469	THW53				14	10	14
T H Wharton	Texas	3469	THW54				10	11	11
T H Wharton	Texas	3469	THW55			25		13	25
T H Wharton	Texas	3469	THW56			29		14	29
Tenaska Frontier Generation Station	Texas	55062	1	189	184	224	240	197	240
Tenaska Frontier Generation Station	Texas	55062	2	154	228	247	252	179	252
Tenaska Frontier Generation Station	Texas	55062	3	169	179	189	226	137	226
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	153	147	121	99	112	153
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	149	131	143	109	127	149
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	162	133	109	97	104	162
Texas City Cogeneration	Texas	52088	GT-A			240	134	93	240
Texas City Cogeneration	Texas	52088	GT-B			91	110	126	126
Texas City Cogeneration	Texas	52088	GT-C			100	142	122	142
Texas Petrochemicals	Texas	50229	TPCBLR		1,275				1,275
Tolk Station	Texas	6194	171B	4,313	3,704	3,944	3,332	3,932	6,509
Tolk Station	Texas	6194	172B	5,165	4,516	3,514	3,832	3,603	6,570
Tradinghouse	Texas	3506	1	177	105	118			503
Tradinghouse	Texas	3506	2	313	367	431	230	283	1,918
Trinidad	Texas	3507	9	65	81	74	64	39	231

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
T H Wharton	Texas	3469	THW33						
T H Wharton	Texas	3469	THW34						
T H Wharton	Texas	3469	THW41						
T H Wharton	Texas	3469	THW42						
T H Wharton	Texas	3469	THW43						
T H Wharton	Texas	3469	THW44						
T H Wharton	Texas	3469	THW51						
T H Wharton	Texas	3469	THW52						
T H Wharton	Texas	3469	THW53						
T H Wharton	Texas	3469	THW54						
T H Wharton	Texas	3469	THW55						
T H Wharton	Texas	3469	THW56						
Tenaska Frontier Generation Station	Texas	55062	1						
Tenaska Frontier Generation Station	Texas	55062	2						
Tenaska Frontier Generation Station	Texas	55062	3						
Tenaska Gateway Generating Station	Texas	55132	OGTDB1						
Tenaska Gateway Generating Station	Texas	55132	OGTDB2						
Tenaska Gateway Generating Station	Texas	55132	OGTDB3						
Texas City Cogeneration	Texas	52088	GT-A						
Texas City Cogeneration	Texas	52088	GT-B						
Texas City Cogeneration	Texas	52088	GT-C						
Texas Petrochemicals	Texas	50229	TPCBLR						
Tolk Station	Texas	6194	171B						
Tolk Station	Texas	6194	172B						
Tradinghouse	Texas	3506	1						
Tradinghouse	Texas	3506	2						
Trinidad	Texas	3507	9						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
T H Wharton	Texas	3469	THW33	0	0	0	0
T H Wharton	Texas	3469	THW34	0	0	0	0
T H Wharton	Texas	3469	THW41	0	0	0	0
T H Wharton	Texas	3469	THW42	0	0	0	0
T H Wharton	Texas	3469	THW43	0	0	0	0
T H Wharton	Texas	3469	THW44	0	0	0	0
T H Wharton	Texas	3469	THW51	0	0	0	0
T H Wharton	Texas	3469	THW52	0	0	0	0
T H Wharton	Texas	3469	THW53	0	0	0	0
T H Wharton	Texas	3469	THW54	0	0	0	0
T H Wharton	Texas	3469	THW55	0	0	0	0
T H Wharton	Texas	3469	THW56	0	0	0	0
Tenaska Frontier Generation Station	Texas	55062	1	4	4	4	4
Tenaska Frontier Generation Station	Texas	55062	2	4	4	4	4
Tenaska Frontier Generation Station	Texas	55062	3	4	4	4	4
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	3	3	3	3
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	9	9	9	9
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	3	3	3	3
Texas City Cogeneration	Texas	52088	GT-A	1	1	1	1
Texas City Cogeneration	Texas	52088	GT-B	3	3	3	3
Texas City Cogeneration	Texas	52088	GT-C	3	3	3	3
Texas Petrochemicals	Texas	50229	TPCBLR	31	31	31	31
Tolk Station	Texas	6194	171B	6,900	6,900	6,900	6,900
Tolk Station	Texas	6194	172B	7,062	7,062	7,062	7,062
Tradinghouse	Texas	3506	1	2	2	2	2
Tradinghouse	Texas	3506	2	21	21	21	21
Trinidad	Texas	3507	9	97	97	97	97

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
T H Wharton	Texas	3469	THW33	0	0	14	14
T H Wharton	Texas	3469	THW34	0	0	11	11
T H Wharton	Texas	3469	THW41	0	0	11	11
T H Wharton	Texas	3469	THW42	0	0	9	9
T H Wharton	Texas	3469	THW43	0	0	13	13
T H Wharton	Texas	3469	THW44	0	0	49	49
T H Wharton	Texas	3469	THW51	0	0	8	8
T H Wharton	Texas	3469	THW52	0	0	9	9
T H Wharton	Texas	3469	THW53	0	0	9	9
T H Wharton	Texas	3469	THW54	0	0	8	8
T H Wharton	Texas	3469	THW55	0	0	8	8
T H Wharton	Texas	3469	THW56	0	0	8	8
Tenaska Frontier Generation Station	Texas	55062	1	4	4	240	240
Tenaska Frontier Generation Station	Texas	55062	2	4	4	252	252
Tenaska Frontier Generation Station	Texas	55062	3	4	4	226	226
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	3	3	153	153
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	9	9	149	149
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	3	3	162	162
Texas City Cogeneration	Texas	52088	GT-A	1	1	108	108
Texas City Cogeneration	Texas	52088	GT-B	3	3	126	126
Texas City Cogeneration	Texas	52088	GT-C	3	3	142	142
Texas Petrochemicals	Texas	50229	TPCBLR	31	31	668	668
Tolk Station	Texas	6194	171B	6,900	6,900	1,999	1,999
Tolk Station	Texas	6194	172B	7,062	7,062	2,046	2,046
Tradinghouse	Texas	3506	1	2	2	85	85
Tradinghouse	Texas	3506	2	21	21	198	198
Trinidad	Texas	3507	9	97	97	45	45

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
T H Wharton	Texas	3469	THW33	14	14	14	14
T H Wharton	Texas	3469	THW34	11	11	11	11
T H Wharton	Texas	3469	THW41	11	11	11	11
T H Wharton	Texas	3469	THW42	9	9	9	9
T H Wharton	Texas	3469	THW43	13	13	13	13
T H Wharton	Texas	3469	THW44	49	49	49	49
T H Wharton	Texas	3469	THW51	8	8	8	8
T H Wharton	Texas	3469	THW52	9	9	9	9
T H Wharton	Texas	3469	THW53	9	9	9	9
T H Wharton	Texas	3469	THW54	8	8	8	8
T H Wharton	Texas	3469	THW55	8	8	8	8
T H Wharton	Texas	3469	THW56	8	8	8	8
Tenaska Frontier Generation Station	Texas	55062	1	240	240	240	240
Tenaska Frontier Generation Station	Texas	55062	2	252	252	252	252
Tenaska Frontier Generation Station	Texas	55062	3	226	226	226	226
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	153	153	153	153
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	149	149	149	149
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	162	162	162	162
Texas City Cogeneration	Texas	52088	GT-A	108	108	108	108
Texas City Cogeneration	Texas	52088	GT-B	126	126	126	126
Texas City Cogeneration	Texas	52088	GT-C	142	142	142	142
Texas Petrochemicals	Texas	50229	TPCBLR	668	668	668	668
Tolk Station	Texas	6194	171B	1,999	1,999	1,999	1,999
Tolk Station	Texas	6194	172B	2,046	2,046	2,046	2,046
Tradinghouse	Texas	3506	1	85	85	85	85
Tradinghouse	Texas	3506	2	198	198	198	198
Trinidad	Texas	3507	9	45	45	45	45

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
T H Wharton	Texas	3469	THW33			620,261	766,505	717,908	701,558
T H Wharton	Texas	3469	THW34			611,995	827,001	716,549	718,515
T H Wharton	Texas	3469	THW41			631,268	830,044	732,525	731,279
T H Wharton	Texas	3469	THW42			559,771	736,315	710,268	668,785
T H Wharton	Texas	3469	THW43			590,241	889,661	753,084	744,329
T H Wharton	Texas	3469	THW44			514,636	841,595	706,213	687,482
T H Wharton	Texas	3469	THW51			92,421	150,946	109,234	117,534
T H Wharton	Texas	3469	THW52			97,845	191,625	113,049	134,173
T H Wharton	Texas	3469	THW53				168,943	84,325	126,634
T H Wharton	Texas	3469	THW54				134,524	129,438	131,981
T H Wharton	Texas	3469	THW55			91,868		139,664	115,766
T H Wharton	Texas	3469	THW56			103,290		140,523	121,906
Tenaska Frontier Generation Station	Texas	55062	1	5,717,692	4,951,740	5,624,861	5,848,534	4,830,154	5,730,362
Tenaska Frontier Generation Station	Texas	55062	2	5,149,858	5,030,204	5,722,898	5,978,083	3,763,278	5,616,946
Tenaska Frontier Generation Station	Texas	55062	3	4,977,496	4,547,998	5,551,393	6,016,690	3,673,643	5,515,193
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	4,898,606	4,920,931	4,803,217	4,500,917	5,628,199	5,149,245
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	5,258,961	4,920,862	4,481,166	4,376,709	5,487,659	5,222,494
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	4,895,047	4,660,997	4,632,862	4,305,430	4,663,527	4,739,857
Texas City Cogeneration	Texas	52088	GT-A			2,052,967	1,451,442	921,591	1,475,334
Texas City Cogeneration	Texas	52088	GT-B			3,726,968	3,948,537	2,321,341	3,332,282
Texas City Cogeneration	Texas	52088	GT-C			3,856,215	4,174,327	3,697,600	3,909,381
Texas Petrochemicals	Texas	50229	TPCBLR	6,934,269	5,830,785	3,686,718	3,962,800		5,575,951
Tolk Station	Texas	6194	171B	15,731,811	17,635,432	16,745,766	16,549,868	18,636,669	17,672,622
Tolk Station	Texas	6194	172B	15,762,943	14,737,801	17,844,449	14,359,566	16,919,431	16,842,274
Tradinghouse	Texas	3506	1	2,239,246	859,116	1,242,785			1,447,049
Tradinghouse	Texas	3506	2	3,553,474	2,790,260	4,039,914	2,839,084	2,305,627	3,477,491
Trinidad	Texas	3507	9	743,870	798,595	724,603	577,093	245,599	755,689

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
T H Wharton	Texas	3469	THW33	1,726,255,329	0.000406	61,841	61,841	25	25
T H Wharton	Texas	3469	THW34	1,726,255,329	0.000416	61,841	61,841	26	26
T H Wharton	Texas	3469	THW41	1,726,255,329	0.000424	61,841	61,841	26	26
T H Wharton	Texas	3469	THW42	1,726,255,329	0.000387	61,841	61,841	24	24
T H Wharton	Texas	3469	THW43	1,726,255,329	0.000431	61,841	61,841	27	27
T H Wharton	Texas	3469	THW44	1,726,255,329	0.000398	61,841	61,841	25	25
T H Wharton	Texas	3469	THW51	1,726,255,329	0.000068	61,841	61,841	4	4
T H Wharton	Texas	3469	THW52	1,726,255,329	0.000078	61,841	61,841	5	5
T H Wharton	Texas	3469	THW53	1,726,255,329	0.000073	61,841	61,841	5	5
T H Wharton	Texas	3469	THW54	1,726,255,329	0.000076	61,841	61,841	5	5
T H Wharton	Texas	3469	THW55	1,726,255,329	0.000067	61,841	61,841	4	4
T H Wharton	Texas	3469	THW56	1,726,255,329	0.000071	61,841	61,841	4	4
Tenaska Frontier Generation Station	Texas	55062	1	1,726,255,329	0.003320	61,841	61,841	205	205
Tenaska Frontier Generation Station	Texas	55062	2	1,726,255,329	0.003254	61,841	61,841	201	201
Tenaska Frontier Generation Station	Texas	55062	3	1,726,255,329	0.003195	61,841	61,841	198	198
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	1,726,255,329	0.002983	61,841	61,841	184	184
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	1,726,255,329	0.003025	61,841	61,841	187	187
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	1,726,255,329	0.002746	61,841	61,841	170	170
Texas City Cogeneration	Texas	52088	GT-A	1,726,255,329	0.000855	61,841	61,841	53	53
Texas City Cogeneration	Texas	52088	GT-B	1,726,255,329	0.001930	61,841	61,841	119	119
Texas City Cogeneration	Texas	52088	GT-C	1,726,255,329	0.002265	61,841	61,841	140	140
Texas Petrochemicals	Texas	50229	TPCBLR	1,726,255,329	0.003230	61,841	61,841	200	200
Tolk Station	Texas	6194	171B	1,726,255,329	0.010238	61,841	61,841	633	633
Tolk Station	Texas	6194	172B	1,726,255,329	0.009757	61,841	61,841	603	603
Tradinghouse	Texas	3506	1	1,726,255,329	0.000838	61,841	61,841	52	52
Tradinghouse	Texas	3506	2	1,726,255,329	0.002014	61,841	61,841	125	125
Trinidad	Texas	3507	9	1,726,255,329	0.000438	61,841	61,841	27	27

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
T H Wharton	Texas	3469	THW33						4
T H Wharton	Texas	3469	THW34						4
T H Wharton	Texas	3469	THW41						4
T H Wharton	Texas	3469	THW42						3
T H Wharton	Texas	3469	THW43						4
T H Wharton	Texas	3469	THW44						11
T H Wharton	Texas	3469	THW51						20
T H Wharton	Texas	3469	THW52						23
T H Wharton	Texas	3469	THW53						
T H Wharton	Texas	3469	THW54						
T H Wharton	Texas	3469	THW55						19
T H Wharton	Texas	3469	THW56						22
Tenaska Frontier Generation Station	Texas	55062	1	80	78	77	103	84	98
Tenaska Frontier Generation Station	Texas	55062	2	81	72	98	77	91	112
Tenaska Frontier Generation Station	Texas	55062	3	86	74	96	88	78	99
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	58	67	72	73	66	69
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	52	64	67	71	63	67
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	51	60	68	76	61	57
Texas City Cogeneration	Texas	52088	GT-A						169
Texas City Cogeneration	Texas	52088	GT-B						38
Texas City Cogeneration	Texas	52088	GT-C						49
Texas Petrochemicals	Texas	50229	TPCBLR		495	382		561	
Tolk Station	Texas	6194	171B	2,554	3,089	2,545	2,144	1,632	1,718
Tolk Station	Texas	6194	172B	2,926	2,501	1,912	2,052	1,645	1,597
Tradinghouse	Texas	3506	1	350	99	70	158	83	118
Tradinghouse	Texas	3506	2	1,088	207	242	284	307	423
Trinidad	Texas	3507	9	165	53	59	65	68	57

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
T H Wharton	Texas	3469	THW33	7	5	7			
T H Wharton	Texas	3469	THW34	6	5	6			
T H Wharton	Texas	3469	THW41	6	6	6			
T H Wharton	Texas	3469	THW42	4	5	5			
T H Wharton	Texas	3469	THW43	7	6	7			
T H Wharton	Texas	3469	THW44	31	26	31			
T H Wharton	Texas	3469	THW51	12	10	20			
T H Wharton	Texas	3469	THW52	16	10	23			
T H Wharton	Texas	3469	THW53	12	6	12			
T H Wharton	Texas	3469	THW54	9	9	9			
T H Wharton	Texas	3469	THW55		9	19			
T H Wharton	Texas	3469	THW56		10	22			
Tenaska Frontier Generation Station	Texas	55062	1	105	84	105			
Tenaska Frontier Generation Station	Texas	55062	2	114	65	114			
Tenaska Frontier Generation Station	Texas	55062	3	105	63	105			
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	67	70	73			
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	69	82	82			
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	64	65	76			
Texas City Cogeneration	Texas	52088	GT-A	114	60	169			
Texas City Cogeneration	Texas	52088	GT-B	59	57	59			
Texas City Cogeneration	Texas	52088	GT-C	60	51	60			
Texas Petrochemicals	Texas	50229	TPCBLR			561			
Tolk Station	Texas	6194	171B	1,798	1,777	3,089			
Tolk Station	Texas	6194	172B	1,447	1,484	2,926			
Tradinghouse	Texas	3506	1			350			
Tradinghouse	Texas	3506	2	220	236	1,088			
Trinidad	Texas	3507	9	47	21	165			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
T H Wharton	Texas	3469	THW33				7	7
T H Wharton	Texas	3469	THW34				6	6
T H Wharton	Texas	3469	THW41				6	6
T H Wharton	Texas	3469	THW42				5	5
T H Wharton	Texas	3469	THW43				7	7
T H Wharton	Texas	3469	THW44				31	31
T H Wharton	Texas	3469	THW51				6	6
T H Wharton	Texas	3469	THW52				7	7
T H Wharton	Texas	3469	THW53				7	7
T H Wharton	Texas	3469	THW54				7	7
T H Wharton	Texas	3469	THW55				6	6
T H Wharton	Texas	3469	THW56				6	6
Tenaska Frontier Generation Station	Texas	55062	1				105	105
Tenaska Frontier Generation Station	Texas	55062	2				114	114
Tenaska Frontier Generation Station	Texas	55062	3				105	105
Tenaska Gateway Generating Station	Texas	55132	OGTDB1				73	73
Tenaska Gateway Generating Station	Texas	55132	OGTDB2				82	82
Tenaska Gateway Generating Station	Texas	55132	OGTDB3				76	76
Texas City Cogeneration	Texas	52088	GT-A				76	76
Texas City Cogeneration	Texas	52088	GT-B				59	59
Texas City Cogeneration	Texas	52088	GT-C				60	60
Texas Petrochemicals	Texas	50229	TPCBLR				289	289
Tolk Station	Texas	6194	171B				915	915
Tolk Station	Texas	6194	172B				872	872
Tradinghouse	Texas	3506	1				75	75
Tradinghouse	Texas	3506	2				180	180
Trinidad	Texas	3507	9				39	39

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
T H Wharton	Texas	3469	THW33	7	7	7	7	Y
T H Wharton	Texas	3469	THW34	6	6	6	6	Y
T H Wharton	Texas	3469	THW41	6	6	6	6	Y
T H Wharton	Texas	3469	THW42	5	5	5	5	Y
T H Wharton	Texas	3469	THW43	7	7	7	7	Y
T H Wharton	Texas	3469	THW44	31	31	31	31	Y
T H Wharton	Texas	3469	THW51	6	6	6	6	Y
T H Wharton	Texas	3469	THW52	7	7	7	7	Y
T H Wharton	Texas	3469	THW53	7	7	7	7	Y
T H Wharton	Texas	3469	THW54	7	7	7	7	Y
T H Wharton	Texas	3469	THW55	6	6	6	6	Y
T H Wharton	Texas	3469	THW56	6	6	6	6	Y
Tenaska Frontier Generation Station	Texas	55062	1	105	105	105	105	Y
Tenaska Frontier Generation Station	Texas	55062	2	114	114	114	114	Y
Tenaska Frontier Generation Station	Texas	55062	3	105	105	105	105	Y
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	73	73	73	73	Y
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	82	82	82	82	Y
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	76	76	76	76	Y
Texas City Cogeneration	Texas	52088	GT-A	76	76	76	76	Y
Texas City Cogeneration	Texas	52088	GT-B	59	59	59	59	Y
Texas City Cogeneration	Texas	52088	GT-C	60	60	60	60	Y
Texas Petrochemicals	Texas	50229	TPCBLR	289	289	289	289	Y
Tolk Station	Texas	6194	171B	915	915	915	915	Y
Tolk Station	Texas	6194	172B	872	872	872	872	Y
Tradinghouse	Texas	3506	1	75	75	75	75	Y
Tradinghouse	Texas	3506	2	180	180	180	180	Y
Trinidad	Texas	3507	9	39	39	39	39	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
T H Wharton	Texas	3469	THW33		Y	Y		
T H Wharton	Texas	3469	THW34		Y	Y		
T H Wharton	Texas	3469	THW41		Y	Y		
T H Wharton	Texas	3469	THW42		Y	Y		
T H Wharton	Texas	3469	THW43		Y	Y		
T H Wharton	Texas	3469	THW44		Y	Y		
T H Wharton	Texas	3469	THW51		Y	Y		
T H Wharton	Texas	3469	THW52		Y	Y		
T H Wharton	Texas	3469	THW53		Y	Y		
T H Wharton	Texas	3469	THW54		Y	Y		
T H Wharton	Texas	3469	THW55		Y	Y		
T H Wharton	Texas	3469	THW56		Y	Y		
Tenaska Frontier Generation Station	Texas	55062	1		Y	Y		
Tenaska Frontier Generation Station	Texas	55062	2		Y	Y		
Tenaska Frontier Generation Station	Texas	55062	3		Y	Y		
Tenaska Gateway Generating Station	Texas	55132	OGTDB1		Y	Y		
Tenaska Gateway Generating Station	Texas	55132	OGTDB2		Y	Y		
Tenaska Gateway Generating Station	Texas	55132	OGTDB3		Y	Y		
Texas City Cogeneration	Texas	52088	GT-A		Y	Y		
Texas City Cogeneration	Texas	52088	GT-B		Y	Y		
Texas City Cogeneration	Texas	52088	GT-C		Y	Y		
Texas Petrochemicals	Texas	50229	TPCBLR		Y	Y	Y	
Tolk Station	Texas	6194	171B		Y	Y		
Tolk Station	Texas	6194	172B		Y	Y		
Tradinghouse	Texas	3506	1		Y	Y		
Tradinghouse	Texas	3506	2		Y	Y		
Trinidad	Texas	3507	9		Y	Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Twin Oaks	Texas	7030	U1	2920	11,723,500	12,464,301	13,895,239	11,858,569	12,910,726
Twin Oaks	Texas	7030	U2	2921	13,585,310	12,687,312	12,044,541	11,314,229	10,986,884
Union Carbide Seadrift Cogen	Texas	50150	GE11		2,622,297	2,633,641	2,517,696	2,453,896	
Union Carbide Seadrift Cogen	Texas	50150	GEN6		2,622,297	2,633,641	2,517,696	2,453,896	
Union Carbide Seadrift Cogen	Texas	50150	GEN8		2,622,297	2,633,641	2,517,696	2,453,896	
V H Braunig	Texas	3612	1	2481	2,564,484	1,934,692	2,312,211	2,371,311	1,587,677
V H Braunig	Texas	3612	2	2482	1,869,841	1,316,497	1,431,134	1,888,305	1,346,053
V H Braunig	Texas	3612	3	2483	7,845,342	6,670,530	7,567,957	5,667,453	5,953,906
V H Braunig	Texas	3612	CT01	2484	5,062,569	4,346,219	5,785,259	4,992,343	1,524,513
V H Braunig	Texas	3612	CT02	2485	4,525,772	5,783,721	3,875,373	5,036,309	2,859,368
Valley (TXU)	Texas	3508	1	2436	365,510	449,441	790,328	670,982	340,660
Valley (TXU)	Texas	3508	2	2437	2,755,338	1,607,089	2,520,092	2,725,496	2,444,934
Valley (TXU)	Texas	3508	3	2438	313,813	884,809	2,254,487	1,279,329	951,064
Victoria Power Station	Texas	3443	9	90094				2,098,059	7,331,854
W A Parish	Texas	3470	WAP1	2374	1,086,815	436,645	507,725	802,308	626,361
W A Parish	Texas	3470	WAP2	2375	1,294,457	551,442	605,476	793,835	614,343
W A Parish	Texas	3470	WAP3	2376	1,838,012	719,821	1,190,717	1,189,181	376,834
W A Parish	Texas	3470	WAP4	2377	9,830,167	7,777,849	5,749,011	5,882,993	4,498,485
W A Parish	Texas	3470	WAP5	2378	55,545,278	52,525,109	53,637,084	47,411,660	47,829,753
W A Parish	Texas	3470	WAP6	2379	47,748,489	53,070,403	49,423,027	42,750,002	45,639,410
W A Parish	Texas	3470	WAP7	2380	42,016,901	46,170,556	39,444,279	40,995,118	36,564,428
W A Parish	Texas	3470	WAP8	2381	52,164,256	47,095,651	50,361,914	47,534,093	39,699,437
W B Tuttle	Texas	3613	1	2486	32,183	30,945	10,529		
W B Tuttle	Texas	3613	3	2488	82,158	72,015	195,831	85,178	
W B Tuttle	Texas	3613	4	2489	182,374	125,896	31,758		
Welsh Power Plant	Texas	6139	1	2801	36,054,471	34,822,101	33,402,136	37,607,897	35,991,931
Welsh Power Plant	Texas	6139	2	2802	39,336,544	40,850,370	38,032,710	38,654,634	38,826,022

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Twin Oaks	Texas	7030	U1	13,090,089	3,511,906,933	0.003727	279,747	279,747
Twin Oaks	Texas	7030	U2	12,772,388	3,511,906,933	0.003637	279,747	279,747
Union Carbide Seadrift Cogen	Texas	50150	GE11	2,591,212	3,511,906,933	0.000738	279,747	279,747
Union Carbide Seadrift Cogen	Texas	50150	GEN6	2,591,212	3,511,906,933	0.000738	279,747	279,747
Union Carbide Seadrift Cogen	Texas	50150	GEN8	2,591,212	3,511,906,933	0.000738	279,747	279,747
V H Braunig	Texas	3612	1	2,416,002	3,511,906,933	0.000688	279,747	279,747
V H Braunig	Texas	3612	2	1,729,760	3,511,906,933	0.000493	279,747	279,747
V H Braunig	Texas	3612	3	7,361,276	3,511,906,933	0.002096	279,747	279,747
V H Braunig	Texas	3612	CT01	5,280,057	3,511,906,933	0.001503	279,747	279,747
V H Braunig	Texas	3612	CT02	5,115,267	3,511,906,933	0.001457	279,747	279,747
Valley (TXU)	Texas	3508	1	636,917	3,511,906,933	0.000181	279,747	279,747
Valley (TXU)	Texas	3508	2	2,666,975	3,511,906,933	0.000759	279,747	279,747
Valley (TXU)	Texas	3508	3	1,494,960	3,511,906,933	0.000426	279,747	279,747
Victoria Power Station	Texas	3443	9	4,714,956	3,511,906,933	0.001343	279,747	279,747
W A Parish	Texas	3470	WAP1	838,495	3,511,906,933	0.000239	279,747	279,747
W A Parish	Texas	3470	WAP2	900,878	3,511,906,933	0.000257	279,747	279,747
W A Parish	Texas	3470	WAP3	1,405,970	3,511,906,933	0.000400	279,747	279,747
W A Parish	Texas	3470	WAP4	7,830,336	3,511,906,933	0.002230	279,747	279,747
W A Parish	Texas	3470	WAP5	53,902,490	3,511,906,933	0.015348	279,747	279,747
W A Parish	Texas	3470	WAP6	50,080,640	3,511,906,933	0.014260	279,747	279,747
W A Parish	Texas	3470	WAP7	43,060,859	3,511,906,933	0.012261	279,747	279,747
W A Parish	Texas	3470	WAP8	50,020,088	3,511,906,933	0.014243	279,747	279,747
W B Tuttle	Texas	3613	1	24,552	3,511,906,933	0.000007	279,747	279,747
W B Tuttle	Texas	3613	3	121,056	3,511,906,933	0.000034	279,747	279,747
W B Tuttle	Texas	3613	4	113,343	3,511,906,933	0.000032	279,747	279,747
Welsh Power Plant	Texas	6139	1	36,551,433	3,511,906,933	0.010408	279,747	279,747
Welsh Power Plant	Texas	6139	2	39,670,979	3,511,906,933	0.011296	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Twin Oaks	Texas	7030	U1	129,571	129,571	1,043	1,043	483	483
Twin Oaks	Texas	7030	U2	129,571	129,571	1,017	1,017	471	471
Union Carbide Seadrift Cogen	Texas	50150	GE11	129,571	129,571	206	206	96	96
Union Carbide Seadrift Cogen	Texas	50150	GEN6	129,571	129,571	206	206	96	96
Union Carbide Seadrift Cogen	Texas	50150	GEN8	129,571	129,571	206	206	96	96
V H Braunig	Texas	3612	1	129,571	129,571	192	192	89	89
V H Braunig	Texas	3612	2	129,571	129,571	138	138	64	64
V H Braunig	Texas	3612	3	129,571	129,571	586	586	272	272
V H Braunig	Texas	3612	CT01	129,571	129,571	421	421	195	195
V H Braunig	Texas	3612	CT02	129,571	129,571	407	407	189	189
Valley (TXU)	Texas	3508	1	129,571	129,571	51	51	23	23
Valley (TXU)	Texas	3508	2	129,571	129,571	212	212	98	98
Valley (TXU)	Texas	3508	3	129,571	129,571	119	119	55	55
Victoria Power Station	Texas	3443	9	129,571	129,571	376	376	174	174
W A Parish	Texas	3470	WAP1	129,571	129,571	67	67	31	31
W A Parish	Texas	3470	WAP2	129,571	129,571	72	72	33	33
W A Parish	Texas	3470	WAP3	129,571	129,571	112	112	52	52
W A Parish	Texas	3470	WAP4	129,571	129,571	624	624	289	289
W A Parish	Texas	3470	WAP5	129,571	129,571	4,294	4,294	1,989	1,989
W A Parish	Texas	3470	WAP6	129,571	129,571	3,989	3,989	1,848	1,848
W A Parish	Texas	3470	WAP7	129,571	129,571	3,430	3,430	1,589	1,589
W A Parish	Texas	3470	WAP8	129,571	129,571	3,984	3,984	1,845	1,845
W B Tuttle	Texas	3613	1	129,571	129,571	2	2	1	1
W B Tuttle	Texas	3613	3	129,571	129,571	10	10	4	4
W B Tuttle	Texas	3613	4	129,571	129,571	9	9	4	4
Welsh Power Plant	Texas	6139	1	129,571	129,571	2,912	2,912	1,349	1,349
Welsh Power Plant	Texas	6139	2	129,571	129,571	3,160	3,160	1,464	1,464

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Twin Oaks	Texas	7030	U1	2,413	2,700	2,932	2,451	2,243	2,325
Twin Oaks	Texas	7030	U2	2,691	2,440	2,550	2,621	2,321	2,131
Union Carbide Seadrift Cogen	Texas	50150	GE11		4	4		4	
Union Carbide Seadrift Cogen	Texas	50150	GEN6		5	5		5	
Union Carbide Seadrift Cogen	Texas	50150	GEN8		4	4		4	
V H Braunig	Texas	3612	1	35	0	1	1	1	1
V H Braunig	Texas	3612	2	20	0	1	1	0	0
V H Braunig	Texas	3612	3	52	1	2	3	2	2
V H Braunig	Texas	3612	CT01	2	2	2	2	1	2
V H Braunig	Texas	3612	CT02	2	2	2	1	2	1
Valley (TXU)	Texas	3508	1	10	0	0	0	0	0
Valley (TXU)	Texas	3508	2	20	0		2	0	1
Valley (TXU)	Texas	3508	3	0	0		0	0	1
Victoria Power Station	Texas	3443	9						
W A Parish	Texas	3470	WAP1	0	0	0	0	0	0
W A Parish	Texas	3470	WAP2	0	0	0	0	0	0
W A Parish	Texas	3470	WAP3	1	0	1	1	0	0
W A Parish	Texas	3470	WAP4	3	2	2	3	2	2
W A Parish	Texas	3470	WAP5	18,942	19,175	17,332	20,039	18,572	18,731
W A Parish	Texas	3470	WAP6	20,450	16,505	18,915	17,789	18,812	17,857
W A Parish	Texas	3470	WAP7	18,034	15,881	15,953	14,534	17,301	14,518
W A Parish	Texas	3470	WAP8	3,254	3,774	3,090	4,071	3,117	3,639
W B Tuttle	Texas	3613	1	0	0		0	0	0
W B Tuttle	Texas	3613	3	0		0	0	0	0
W B Tuttle	Texas	3613	4	0	0	0	0	0	0
Welsh Power Plant	Texas	6139	1	10,979	11,743	10,080	9,098	8,053	7,906
Welsh Power Plant	Texas	6139	2	11,390	11,113	8,011	10,094	9,357	9,044

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Twin Oaks	Texas	7030	U1	2,471	2,975	2,975			
Twin Oaks	Texas	7030	U2	2,235	2,429	2,691			
Union Carbide Seadrift Cogen	Texas	50150	GE11			4			
Union Carbide Seadrift Cogen	Texas	50150	GEN6			5			
Union Carbide Seadrift Cogen	Texas	50150	GEN8			4			
V H Braunig	Texas	3612	1	1	0	35			
V H Braunig	Texas	3612	2	1	0	20			
V H Braunig	Texas	3612	3	6	2	52			
V H Braunig	Texas	3612	CT01	1	0	2			
V H Braunig	Texas	3612	CT02	2	1	2			
Valley (TXU)	Texas	3508	1	0	0	10			
Valley (TXU)	Texas	3508	2	1	1	20			
Valley (TXU)	Texas	3508	3	0	0	1			
Victoria Power Station	Texas	3443	9	1	2	2			
W A Parish	Texas	3470	WAP1	0	0	0			
W A Parish	Texas	3470	WAP2	0	0	0			
W A Parish	Texas	3470	WAP3	0	0	1			
W A Parish	Texas	3470	WAP4	2	1	3			
W A Parish	Texas	3470	WAP5	14,145	16,232	20,039			
W A Parish	Texas	3470	WAP6	13,206	17,149	20,450			
W A Parish	Texas	3470	WAP7	12,492	13,200	18,034			
W A Parish	Texas	3470	WAP8	2,655	2,650	4,071			
W B Tuttle	Texas	3613	1			0			
W B Tuttle	Texas	3613	3	0		0			
W B Tuttle	Texas	3613	4			0			
Welsh Power Plant	Texas	6139	1	9,061	8,361	11,743			
Welsh Power Plant	Texas	6139	2	9,453	8,792	11,390			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Twin Oaks	Texas	7030	U1				1,157	1,263	1,258
Twin Oaks	Texas	7030	U2				1,121	974	1,017
Union Carbide Seadrift Cogen	Texas	50150	GE11					66	360
Union Carbide Seadrift Cogen	Texas	50150	GEN6					82	446
Union Carbide Seadrift Cogen	Texas	50150	GEN8					74	403
V H Braunig	Texas	3612	1				229	126	243
V H Braunig	Texas	3612	2				145	114	173
V H Braunig	Texas	3612	3				435	230	463
V H Braunig	Texas	3612	CT01				101	95	119
V H Braunig	Texas	3612	CT02				87	100	109
Valley (TXU)	Texas	3508	1				214	15	1
Valley (TXU)	Texas	3508	2				426	3	
Valley (TXU)	Texas	3508	3				101	4	
Victoria Power Station	Texas	3443	9						
W A Parish	Texas	3470	WAP1				71	49	76
W A Parish	Texas	3470	WAP2				42	33	56
W A Parish	Texas	3470	WAP3				183	115	201
W A Parish	Texas	3470	WAP4				441	377	498
W A Parish	Texas	3470	WAP5				1,967	836	1,057
W A Parish	Texas	3470	WAP6				1,460	736	1,130
W A Parish	Texas	3470	WAP7				3,098	1,075	1,018
W A Parish	Texas	3470	WAP8				3,268	1,060	935
W B Tuttle	Texas	3613	1				4	1	
W B Tuttle	Texas	3613	3				3		10
W B Tuttle	Texas	3613	4				16	7	15
Welsh Power Plant	Texas	6139	1				3,386	3,377	3,248
Welsh Power Plant	Texas	6139	2				7,978	6,343	3,110

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Twin Oaks	Texas	7030	U1	910	941	1,078	786	722	1,263
Twin Oaks	Texas	7030	U2	1,092	975	899	692	577	1,121
Union Carbide Seadrift Cogen	Texas	50150	GE11		65				360
Union Carbide Seadrift Cogen	Texas	50150	GEN6		80				446
Union Carbide Seadrift Cogen	Texas	50150	GEN8		72				403
V H Braunig	Texas	3612	1	218	169	211	221	134	243
V H Braunig	Texas	3612	2	176	114	131	157	109	176
V H Braunig	Texas	3612	3	527	437	513	453	440	527
V H Braunig	Texas	3612	CT01	99	68	95	66	21	119
V H Braunig	Texas	3612	CT02	78	86	64	75	42	109
Valley (TXU)	Texas	3508	1	58	65	129	93	39	214
Valley (TXU)	Texas	3508	2	316	175	339	331	308	426
Valley (TXU)	Texas	3508	3	30	67	221	110	89	221
Victoria Power Station	Texas	3443	9				24	60	60
W A Parish	Texas	3470	WAP1	85	43	54	84	68	85
W A Parish	Texas	3470	WAP2	69	30	32	51	36	69
W A Parish	Texas	3470	WAP3	189	68	98	119	22	201
W A Parish	Texas	3470	WAP4	536	372	314	312	228	536
W A Parish	Texas	3470	WAP5	1,442	1,187	1,434	1,237	1,230	1,967
W A Parish	Texas	3470	WAP6	1,122	1,133	1,263	1,420	1,154	1,460
W A Parish	Texas	3470	WAP7	876	863	791	827	993	3,098
W A Parish	Texas	3470	WAP8	987	1,024	1,102	1,009	796	3,268
W B Tuttle	Texas	3613	1	4	5	2			5
W B Tuttle	Texas	3613	3	7	7	21	10		21
W B Tuttle	Texas	3613	4	15	10	3			16
Welsh Power Plant	Texas	6139	1	3,282	2,886	3,024	3,475	3,510	3,510
Welsh Power Plant	Texas	6139	2	3,373	3,360	3,189	3,364	3,334	7,978

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Twin Oaks	Texas	7030	U1						
Twin Oaks	Texas	7030	U2						
Union Carbide Seadrift Cogen	Texas	50150	GE11						
Union Carbide Seadrift Cogen	Texas	50150	GEN6						
Union Carbide Seadrift Cogen	Texas	50150	GEN8						
V H Braunig	Texas	3612	1						
V H Braunig	Texas	3612	2						
V H Braunig	Texas	3612	3						
V H Braunig	Texas	3612	CT01						
V H Braunig	Texas	3612	CT02						
Valley (TXU)	Texas	3508	1						
Valley (TXU)	Texas	3508	2						
Valley (TXU)	Texas	3508	3						
Victoria Power Station	Texas	3443	9						
W A Parish	Texas	3470	WAP1						
W A Parish	Texas	3470	WAP2						
W A Parish	Texas	3470	WAP3						
W A Parish	Texas	3470	WAP4						
W A Parish	Texas	3470	WAP5						
W A Parish	Texas	3470	WAP6						
W A Parish	Texas	3470	WAP7						
W A Parish	Texas	3470	WAP8						
W B Tuttle	Texas	3613	1						
W B Tuttle	Texas	3613	3						
W B Tuttle	Texas	3613	4						
Welsh Power Plant	Texas	6139	1						
Welsh Power Plant	Texas	6139	2						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Twin Oaks	Texas	7030	U1	2,326	2,326	2,326	2,326
Twin Oaks	Texas	7030	U2	2,270	2,270	2,270	2,270
Union Carbide Seadrift Cogen	Texas	50150	GE11	4	4	4	4
Union Carbide Seadrift Cogen	Texas	50150	GEN6	5	5	5	5
Union Carbide Seadrift Cogen	Texas	50150	GEN8	4	4	4	4
V H Braunig	Texas	3612	1	35	35	35	35
V H Braunig	Texas	3612	2	20	20	20	20
V H Braunig	Texas	3612	3	52	52	52	52
V H Braunig	Texas	3612	CT01	2	2	2	2
V H Braunig	Texas	3612	CT02	2	2	2	2
Valley (TXU)	Texas	3508	1	10	10	10	10
Valley (TXU)	Texas	3508	2	20	20	20	20
Valley (TXU)	Texas	3508	3	1	1	1	1
Victoria Power Station	Texas	3443	9	2	2	2	2
W A Parish	Texas	3470	WAP1	0	0	0	0
W A Parish	Texas	3470	WAP2	0	0	0	0
W A Parish	Texas	3470	WAP3	1	1	1	1
W A Parish	Texas	3470	WAP4	3	3	3	3
W A Parish	Texas	3470	WAP5	9,580	9,580	9,580	9,580
W A Parish	Texas	3470	WAP6	8,900	8,900	8,900	8,900
W A Parish	Texas	3470	WAP7	7,653	7,653	7,653	7,653
W A Parish	Texas	3470	WAP8	4,071	4,071	4,071	4,071
W B Tuttle	Texas	3613	1	0	0	0	0
W B Tuttle	Texas	3613	3	0	0	0	0
W B Tuttle	Texas	3613	4	0	0	0	0
Welsh Power Plant	Texas	6139	1	6,496	6,496	6,496	6,496
Welsh Power Plant	Texas	6139	2	7,050	7,050	7,050	7,050

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Twin Oaks	Texas	7030	U1	2,326	2,326	674	674
Twin Oaks	Texas	7030	U2	2,270	2,270	658	658
Union Carbide Seadrift Cogen	Texas	50150	GE11	4	4	133	133
Union Carbide Seadrift Cogen	Texas	50150	GEN6	5	5	133	133
Union Carbide Seadrift Cogen	Texas	50150	GEN8	4	4	133	133
V H Braunig	Texas	3612	1	35	35	124	124
V H Braunig	Texas	3612	2	20	20	89	89
V H Braunig	Texas	3612	3	52	52	379	379
V H Braunig	Texas	3612	CT01	2	2	119	119
V H Braunig	Texas	3612	CT02	2	2	109	109
Valley (TXU)	Texas	3508	1	10	10	33	33
Valley (TXU)	Texas	3508	2	20	20	137	137
Valley (TXU)	Texas	3508	3	1	1	77	77
Victoria Power Station	Texas	3443	9	2	2	60	60
W A Parish	Texas	3470	WAP1	0	0	43	43
W A Parish	Texas	3470	WAP2	0	0	46	46
W A Parish	Texas	3470	WAP3	1	1	72	72
W A Parish	Texas	3470	WAP4	3	3	403	403
W A Parish	Texas	3470	WAP5	9,580	9,580	1,967	1,967
W A Parish	Texas	3470	WAP6	8,900	8,900	1,460	1,460
W A Parish	Texas	3470	WAP7	7,653	7,653	2,217	2,217
W A Parish	Texas	3470	WAP8	4,071	4,071	2,576	2,576
W B Tuttle	Texas	3613	1	0	0	1	1
W B Tuttle	Texas	3613	3	0	0	6	6
W B Tuttle	Texas	3613	4	0	0	6	6
Welsh Power Plant	Texas	6139	1	6,496	6,496	1,882	1,882
Welsh Power Plant	Texas	6139	2	7,050	7,050	2,043	2,043

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Twin Oaks	Texas	7030	U1	674	674	674	674
Twin Oaks	Texas	7030	U2	658	658	658	658
Union Carbide Seadrift Cogen	Texas	50150	GE11	133	133	133	133
Union Carbide Seadrift Cogen	Texas	50150	GEN6	133	133	133	133
Union Carbide Seadrift Cogen	Texas	50150	GEN8	133	133	133	133
V H Braunig	Texas	3612	1	124	124	124	124
V H Braunig	Texas	3612	2	89	89	89	89
V H Braunig	Texas	3612	3	379	379	379	379
V H Braunig	Texas	3612	CT01	119	119	119	119
V H Braunig	Texas	3612	CT02	109	109	109	109
Valley (TXU)	Texas	3508	1	33	33	33	33
Valley (TXU)	Texas	3508	2	137	137	137	137
Valley (TXU)	Texas	3508	3	77	77	77	77
Victoria Power Station	Texas	3443	9	60	60	60	60
W A Parish	Texas	3470	WAP1	43	43	43	43
W A Parish	Texas	3470	WAP2	46	46	46	46
W A Parish	Texas	3470	WAP3	72	72	72	72
W A Parish	Texas	3470	WAP4	403	403	403	403
W A Parish	Texas	3470	WAP5	1,967	1,967	1,967	1,967
W A Parish	Texas	3470	WAP6	1,460	1,460	1,460	1,460
W A Parish	Texas	3470	WAP7	2,217	2,217	2,217	2,217
W A Parish	Texas	3470	WAP8	2,576	2,576	2,576	2,576
W B Tuttle	Texas	3613	1	1	1	1	1
W B Tuttle	Texas	3613	3	6	6	6	6
W B Tuttle	Texas	3613	4	6	6	6	6
Welsh Power Plant	Texas	6139	1	1,882	1,882	1,882	1,882
Welsh Power Plant	Texas	6139	2	2,043	2,043	2,043	2,043

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Twin Oaks	Texas	7030	U1	5,519,637	5,639,834	5,770,516	5,507,651	5,580,195	5,663,515
Twin Oaks	Texas	7030	U2	5,808,861	5,975,316	5,498,771	4,697,658	5,267,853	5,760,982
Union Carbide Seadrift Cogen	Texas	50150	GE11	1,203,910	1,048,682	1,225,083	1,026,378		1,159,225
Union Carbide Seadrift Cogen	Texas	50150	GEN6	1,203,910	1,048,682	1,225,083	1,026,378		1,159,225
Union Carbide Seadrift Cogen	Texas	50150	GEN8	1,203,910	1,048,682	1,225,083	1,026,378		1,159,225
V H Braunig	Texas	3612	1	1,682,704	876,037	1,369,161	1,642,682	1,051,387	1,564,849
V H Braunig	Texas	3612	2	1,382,667	728,444	946,801	1,289,152	884,060	1,206,207
V H Braunig	Texas	3612	3	4,756,905	4,237,745	5,498,473	2,865,290	3,396,384	4,831,041
V H Braunig	Texas	3612	CT01	3,144,832	2,898,881	3,044,911	3,272,323	1,027,833	3,154,022
V H Braunig	Texas	3612	CT02	2,746,396	3,877,061	2,101,142	3,863,316	2,296,081	3,495,591
Valley (TXU)	Texas	3508	1	365,510	328,501	600,663	482,662	236,572	482,945
Valley (TXU)	Texas	3508	2	2,666,449	1,433,814	2,519,514	2,657,879	2,377,296	2,614,614
Valley (TXU)	Texas	3508	3	293,722	516,876	1,597,542	871,147	738,814	1,069,168
Victoria Power Station	Texas	3443	9				1,979,374	5,279,081	3,629,227
W A Parish	Texas	3470	WAP1	777,667	352,298	420,399	753,851	582,756	704,758
W A Parish	Texas	3470	WAP2	896,697	410,328	461,197	754,868	570,500	740,688
W A Parish	Texas	3470	WAP3	1,493,378	607,241	948,716	1,056,883	366,863	1,166,326
W A Parish	Texas	3470	WAP4	6,352,217	4,701,771	4,074,895	3,559,885	3,206,708	5,042,961
W A Parish	Texas	3470	WAP5	22,824,181	24,230,599	24,012,866	22,653,883	21,245,313	23,689,215
W A Parish	Texas	3470	WAP6	22,494,695	22,971,791	22,198,335	20,633,325	19,985,230	22,554,940
W A Parish	Texas	3470	WAP7	19,703,759	20,456,060	19,046,097	17,334,216	17,076,459	19,735,305
W A Parish	Texas	3470	WAP8	21,646,798	21,803,654	21,252,090	20,203,603	18,458,285	21,567,514
W B Tuttle	Texas	3613	1	29,169	6,472	10,529			15,390
W B Tuttle	Texas	3613	3	70,601	63,776	195,831	85,178		117,203
W B Tuttle	Texas	3613	4	159,101	114,920	26,495			100,172
Welsh Power Plant	Texas	6139	1	17,913,702	19,405,249	12,313,206	15,077,853	17,981,777	18,433,576
Welsh Power Plant	Texas	6139	2	17,722,700	17,497,876	18,227,893	17,955,146	17,699,293	17,968,580

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Twin Oaks	Texas	7030	U1	1,726,255,329	0.003281	61,841	61,841	203	203
Twin Oaks	Texas	7030	U2	1,726,255,329	0.003337	61,841	61,841	206	206
Union Carbide Seadrift Cogen	Texas	50150	GE11	1,726,255,329	0.000672	61,841	61,841	42	42
Union Carbide Seadrift Cogen	Texas	50150	GEN6	1,726,255,329	0.000672	61,841	61,841	42	42
Union Carbide Seadrift Cogen	Texas	50150	GEN8	1,726,255,329	0.000672	61,841	61,841	42	42
V H Braunig	Texas	3612	1	1,726,255,329	0.000906	61,841	61,841	56	56
V H Braunig	Texas	3612	2	1,726,255,329	0.000699	61,841	61,841	43	43
V H Braunig	Texas	3612	3	1,726,255,329	0.002799	61,841	61,841	173	173
V H Braunig	Texas	3612	CT01	1,726,255,329	0.001827	61,841	61,841	113	113
V H Braunig	Texas	3612	CT02	1,726,255,329	0.002025	61,841	61,841	125	125
Valley (TXU)	Texas	3508	1	1,726,255,329	0.000280	61,841	61,841	17	17
Valley (TXU)	Texas	3508	2	1,726,255,329	0.001515	61,841	61,841	94	94
Valley (TXU)	Texas	3508	3	1,726,255,329	0.000619	61,841	61,841	38	38
Victoria Power Station	Texas	3443	9	1,726,255,329	0.002102	61,841	61,841	130	130
W A Parish	Texas	3470	WAP1	1,726,255,329	0.000408	61,841	61,841	25	25
W A Parish	Texas	3470	WAP2	1,726,255,329	0.000429	61,841	61,841	27	27
W A Parish	Texas	3470	WAP3	1,726,255,329	0.000676	61,841	61,841	42	42
W A Parish	Texas	3470	WAP4	1,726,255,329	0.002921	61,841	61,841	181	181
W A Parish	Texas	3470	WAP5	1,726,255,329	0.013723	61,841	61,841	849	849
W A Parish	Texas	3470	WAP6	1,726,255,329	0.013066	61,841	61,841	808	808
W A Parish	Texas	3470	WAP7	1,726,255,329	0.011432	61,841	61,841	707	707
W A Parish	Texas	3470	WAP8	1,726,255,329	0.012494	61,841	61,841	773	773
W B Tuttle	Texas	3613	1	1,726,255,329	0.000009	61,841	61,841	1	1
W B Tuttle	Texas	3613	3	1,726,255,329	0.000068	61,841	61,841	4	4
W B Tuttle	Texas	3613	4	1,726,255,329	0.000058	61,841	61,841	4	4
Welsh Power Plant	Texas	6139	1	1,726,255,329	0.010678	61,841	61,841	660	660
Welsh Power Plant	Texas	6139	2	1,726,255,329	0.010409	61,841	61,841	644	644

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Twin Oaks	Texas	7030	U1	532	541	516	424	444	455
Twin Oaks	Texas	7030	U2	460	413	459	478	467	409
Union Carbide Seadrift Cogen	Texas	50150	GE11		31	186		26	
Union Carbide Seadrift Cogen	Texas	50150	GEN6		39	230		32	
Union Carbide Seadrift Cogen	Texas	50150	GEN8		35	208		29	
V H Braunig	Texas	3612	1	128	97	171	146	76	133
V H Braunig	Texas	3612	2	87	85	127	131	62	91
V H Braunig	Texas	3612	3	316	203	338	341	267	377
V H Braunig	Texas	3612	CT01	63	48	61	64	47	44
V H Braunig	Texas	3612	CT02	52	49	59	48	55	33
Valley (TXU)	Texas	3508	1	108	11		58	50	104
Valley (TXU)	Texas	3508	2	419			309	151	339
Valley (TXU)	Texas	3508	3	48	4		29	41	170
Victoria Power Station	Texas	3443	9						
W A Parish	Texas	3470	WAP1	37	30	61	61	36	45
W A Parish	Texas	3470	WAP2	28	19	42	49	22	25
W A Parish	Texas	3470	WAP3	161	98	175	160	59	79
W A Parish	Texas	3470	WAP4	307	238	418	357	233	215
W A Parish	Texas	3470	WAP5	592	355	481	635	463	635
W A Parish	Texas	3470	WAP6	482	327	463	525	448	561
W A Parish	Texas	3470	WAP7	1,263	289	452	385	367	393
W A Parish	Texas	3470	WAP8	1,058	328	437	392	476	466
W B Tuttle	Texas	3613	1	4	1		3	1	2
W B Tuttle	Texas	3613	3	3		10	6	6	21
W B Tuttle	Texas	3613	4	16	7	15	14	9	2
Welsh Power Plant	Texas	6139	1	1,539	1,558	1,426	1,598	1,602	1,122
Welsh Power Plant	Texas	6139	2	3,501	2,761	1,310	1,490	1,425	1,521

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns BX - CE			
Twin Oaks	Texas	7030	U1	313	316	541			
Twin Oaks	Texas	7030	U2	264	272	478			
Union Carbide Seadrift Cogen	Texas	50150	GE11			186			
Union Carbide Seadrift Cogen	Texas	50150	GEN6			230			
Union Carbide Seadrift Cogen	Texas	50150	GEN8			208			
V H Braunig	Texas	3612	1	160	93	171			
V H Braunig	Texas	3612	2	109	72	131			
V H Braunig	Texas	3612	3	227	237	377			
V H Braunig	Texas	3612	CT01	42	12	64			
V H Braunig	Texas	3612	CT02	57	31	59			
Valley (TXU)	Texas	3508	1	70	28	108			
Valley (TXU)	Texas	3508	2	325	301	419			
Valley (TXU)	Texas	3508	3	81	73	170			
Victoria Power Station	Texas	3443	9	22	43	43			
W A Parish	Texas	3470	WAP1	80	64	80			
W A Parish	Texas	3470	WAP2	49	34	49			
W A Parish	Texas	3470	WAP3	112	22	175			
W A Parish	Texas	3470	WAP4	194	166	418			
W A Parish	Texas	3470	WAP5	573	536	635			
W A Parish	Texas	3470	WAP6	745	503	745			
W A Parish	Texas	3470	WAP7	347	552	1,263			
W A Parish	Texas	3470	WAP8	424	370	1,058			
W B Tuttle	Texas	3613	1			4			
W B Tuttle	Texas	3613	3	10		21			
W B Tuttle	Texas	3613	4			16			
Welsh Power Plant	Texas	6139	1	1,354	1,745	1,745			
Welsh Power Plant	Texas	6139	2	1,564	1,536	3,501			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Twin Oaks	Texas	7030	U1				293	293
Twin Oaks	Texas	7030	U2				298	298
Union Carbide Seadrift Cogen	Texas	50150	GE11				60	60
Union Carbide Seadrift Cogen	Texas	50150	GEN6				60	60
Union Carbide Seadrift Cogen	Texas	50150	GEN8				60	60
V H Braunig	Texas	3612	1				81	81
V H Braunig	Texas	3612	2				62	62
V H Braunig	Texas	3612	3				250	250
V H Braunig	Texas	3612	CT01				64	64
V H Braunig	Texas	3612	CT02				59	59
Valley (TXU)	Texas	3508	1				25	25
Valley (TXU)	Texas	3508	2				135	135
Valley (TXU)	Texas	3508	3				55	55
Victoria Power Station	Texas	3443	9				43	43
W A Parish	Texas	3470	WAP1				37	37
W A Parish	Texas	3470	WAP2				38	38
W A Parish	Texas	3470	WAP3				60	60
W A Parish	Texas	3470	WAP4				261	261
W A Parish	Texas	3470	WAP5				635	635
W A Parish	Texas	3470	WAP6				745	745
W A Parish	Texas	3470	WAP7				1,022	1,022
W A Parish	Texas	3470	WAP8				1,058	1,058
W B Tuttle	Texas	3613	1				1	1
W B Tuttle	Texas	3613	3				6	6
W B Tuttle	Texas	3613	4				5	5
Welsh Power Plant	Texas	6139	1				955	955
Welsh Power Plant	Texas	6139	2				931	931

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Twin Oaks	Texas	7030	U1	293	293	293	293	Y
Twin Oaks	Texas	7030	U2	298	298	298	298	Y
Union Carbide Seadrift Cogen	Texas	50150	GE11	60	60	60	60	Y
Union Carbide Seadrift Cogen	Texas	50150	GEN6	60	60	60	60	Y
Union Carbide Seadrift Cogen	Texas	50150	GEN8	60	60	60	60	Y
V H Braunig	Texas	3612	1	81	81	81	81	Y
V H Braunig	Texas	3612	2	62	62	62	62	Y
V H Braunig	Texas	3612	3	250	250	250	250	Y
V H Braunig	Texas	3612	CT01	64	64	64	64	Y
V H Braunig	Texas	3612	CT02	59	59	59	59	Y
Valley (TXU)	Texas	3508	1	25	25	25	25	Y
Valley (TXU)	Texas	3508	2	135	135	135	135	Y
Valley (TXU)	Texas	3508	3	55	55	55	55	Y
Victoria Power Station	Texas	3443	9	43	43	43	43	Y
W A Parish	Texas	3470	WAP1	37	37	37	37	Y
W A Parish	Texas	3470	WAP2	38	38	38	38	Y
W A Parish	Texas	3470	WAP3	60	60	60	60	Y
W A Parish	Texas	3470	WAP4	261	261	261	261	Y
W A Parish	Texas	3470	WAP5	635	635	635	635	Y
W A Parish	Texas	3470	WAP6	745	745	745	745	Y
W A Parish	Texas	3470	WAP7	1,022	1,022	1,022	1,022	Y
W A Parish	Texas	3470	WAP8	1,058	1,058	1,058	1,058	Y
W B Tuttle	Texas	3613	1	1	1	1	1	Y
W B Tuttle	Texas	3613	3	6	6	6	6	Y
W B Tuttle	Texas	3613	4	5	5	5	5	Y
Welsh Power Plant	Texas	6139	1	955	955	955	955	Y
Welsh Power Plant	Texas	6139	2	931	931	931	931	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Twin Oaks	Texas	7030	U1		Y	Y		
Twin Oaks	Texas	7030	U2		Y	Y		
Union Carbide Seadrift Cogen	Texas	50150	GE11		Y	Y	Y	
Union Carbide Seadrift Cogen	Texas	50150	GEN6		Y	Y	Y	
Union Carbide Seadrift Cogen	Texas	50150	GEN8		Y	Y	Y	
V H Braunig	Texas	3612	1		Y	Y		
V H Braunig	Texas	3612	2		Y	Y		
V H Braunig	Texas	3612	3		Y	Y		
V H Braunig	Texas	3612	CT01		Y	Y		
V H Braunig	Texas	3612	CT02		Y	Y		
Valley (TXU)	Texas	3508	1		Y	Y		
Valley (TXU)	Texas	3508	2		Y	Y		
Valley (TXU)	Texas	3508	3		Y	Y		
Victoria Power Station	Texas	3443	9		Y	Y		
W A Parish	Texas	3470	WAP1		Y	Y		
W A Parish	Texas	3470	WAP2		Y	Y		
W A Parish	Texas	3470	WAP3		Y	Y		
W A Parish	Texas	3470	WAP4		Y	Y		
W A Parish	Texas	3470	WAP5		Y	Y		
W A Parish	Texas	3470	WAP6		Y	Y		
W A Parish	Texas	3470	WAP7		Y	Y		
W A Parish	Texas	3470	WAP8		Y	Y		
W B Tuttle	Texas	3613	1		Y	Y		
W B Tuttle	Texas	3613	3		Y	Y		
W B Tuttle	Texas	3613	4		Y	Y		
Welsh Power Plant	Texas	6139	1		Y	Y		
Welsh Power Plant	Texas	6139	2		Y	Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Welsh Power Plant	Texas	6139	3	2803	31,481,344	39,321,807	41,356,596	35,673,601	40,992,923
Wilkes Power Plant	Texas	3478	1	2390	1,402,054	516,861	651,155	3,982,701	4,586,371
Wilkes Power Plant	Texas	3478	2	2391	6,173,440	3,837,279	5,092,177	3,124,771	6,579,057
Wilkes Power Plant	Texas	3478	3	2392	8,977,600	7,665,919	5,179,611	5,199,437	6,694,340
Winchester Power Park	Texas	56674	1	90317				128,875	505,125
Winchester Power Park	Texas	56674	2	90318				121,079	491,489
Winchester Power Park	Texas	56674	3	90319				133,195	445,298
Winchester Power Park	Texas	56674	4	90320				125,625	367,562
Wise County Power Company, LLC	Texas	55320	GT-1	8524	11,596,481	8,704,312	13,164,405	14,693,850	14,218,365
Wise County Power Company, LLC	Texas	55320	GT-2	8526	12,049,163	10,730,483	13,363,013	15,652,925	13,757,071
Wolf Hollow I, LP	Texas	55139	CTG1	3981	14,508,881	11,534,972	14,289,199	11,171,231	8,889,763
Wolf Hollow I, LP	Texas	55139	CTG2	3982	14,280,419	14,495,276	13,765,069	11,672,698	12,839,563
Alma	Wisconsin	4140	B4	2628	3,114,141	3,065,654	2,679,581	1,170,925	1,176,663
Alma	Wisconsin	4140	B5	2629	4,812,519	4,804,085	3,452,195	3,101,252	2,235,233
Bay Front	Wisconsin	3982	1	2568	1,673,952	1,755,277	1,615,758	1,685,413	1,728,082
Bay Front	Wisconsin	3982	2	2569	1,516,226	1,596,817	1,544,000	1,653,701	1,671,842
Bay Front	Wisconsin	3982	5	2572	1,347,572	2,170,425	1,883,229	1,461,364	935,130
Blount Street	Wisconsin	3992	3	2574	3,907	3,057	12,880	2,953	9,144
Blount Street	Wisconsin	3992	5	2575	55,771	17,487	10,602	6,308	
Blount Street	Wisconsin	3992	6	2576	60,003	14,672	12,782	13,138	15,143
Blount Street	Wisconsin	3992	7	2577	385,220	166,688	133,403	5,314	11,095
Blount Street	Wisconsin	3992	8	2578	1,345,383	1,301,755	1,103,443	237,385	222,244
Blount Street	Wisconsin	3992	9	2579	824,439	1,249,063	1,456,160	151,049	288,813
Columbia	Wisconsin	8023	1	3431	36,822,524	39,182,158	40,364,718	35,179,177	40,722,221
Columbia	Wisconsin	8023	2	3432	40,294,957	40,729,172	39,027,797	35,074,750	38,325,765
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	4988	399,999	660,824	256,203	339,918	218,955
Concord	Wisconsin	7159	**1	2985	447,018	773,135	242,936	60,092	199,768

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Welsh Power Plant	Texas	6139	3	40,557,109	3,511,906,933	0.011548	279,747	279,747
Wilkes Power Plant	Texas	3478	1	3,323,708	3,511,906,933	0.000946	279,747	279,747
Wilkes Power Plant	Texas	3478	2	5,948,224	3,511,906,933	0.001694	279,747	279,747
Wilkes Power Plant	Texas	3478	3	7,779,287	3,511,906,933	0.002215	279,747	279,747
Winchester Power Park	Texas	56674	1	317,000	3,511,906,933	0.000090	279,747	279,747
Winchester Power Park	Texas	56674	2	306,284	3,511,906,933	0.000087	279,747	279,747
Winchester Power Park	Texas	56674	3	289,247	3,511,906,933	0.000082	279,747	279,747
Winchester Power Park	Texas	56674	4	246,594	3,511,906,933	0.000070	279,747	279,747
Wise County Power Company, LLC	Texas	55320	GT-1	14,025,540	3,511,906,933	0.003994	279,747	279,747
Wise County Power Company, LLC	Texas	55320	GT-2	14,257,670	3,511,906,933	0.004060	279,747	279,747
Wolf Hollow I, LP	Texas	55139	CTG1	13,444,351	3,511,906,933	0.003828	279,747	279,747
Wolf Hollow I, LP	Texas	55139	CTG2	14,180,255	3,511,906,933	0.004038	279,747	279,747
Alma	Wisconsin	4140	B4	2,953,125	555,545,264	0.005316	76,301	45,968
Alma	Wisconsin	4140	B5	4,356,266	555,545,264	0.007841	76,301	45,968
Bay Front	Wisconsin	3982	1	1,722,924	555,545,264	0.003101	76,301	45,968
Bay Front	Wisconsin	3982	2	1,640,787	555,545,264	0.002953	76,301	45,968
Bay Front	Wisconsin	3982	5	1,838,339	555,545,264	0.003309	76,301	45,968
Blount Street	Wisconsin	3992	3	8,644	555,545,264	0.000016	76,301	45,968
Blount Street	Wisconsin	3992	5	27,953	555,545,264	0.000050	76,301	45,968
Blount Street	Wisconsin	3992	6	29,940	555,545,264	0.000054	76,301	45,968
Blount Street	Wisconsin	3992	7	228,437	555,545,264	0.000411	76,301	45,968
Blount Street	Wisconsin	3992	8	1,250,194	555,545,264	0.002250	76,301	45,968
Blount Street	Wisconsin	3992	9	1,176,554	555,545,264	0.002118	76,301	45,968
Columbia	Wisconsin	8023	1	40,089,699	555,545,264	0.072163	76,301	45,968
Columbia	Wisconsin	8023	2	40,017,309	555,545,264	0.072032	76,301	45,968
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	466,914	555,545,264	0.000840	76,301	45,968
Concord	Wisconsin	7159	**1	487,696	555,545,264	0.000878	76,301	45,968

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Welsh Power Plant	Texas	6139	3	129,571	129,571	3,231	3,231	1,496	1,496
Wilkes Power Plant	Texas	3478	1	129,571	129,571	265	265	123	123
Wilkes Power Plant	Texas	3478	2	129,571	129,571	474	474	219	219
Wilkes Power Plant	Texas	3478	3	129,571	129,571	620	620	287	287
Winchester Power Park	Texas	56674	1	129,571	129,571	25	25	12	12
Winchester Power Park	Texas	56674	2	129,571	129,571	24	24	11	11
Winchester Power Park	Texas	56674	3	129,571	129,571	23	23	11	11
Winchester Power Park	Texas	56674	4	129,571	129,571	20	20	9	9
Wise County Power Company, LLC	Texas	55320	GT-1	129,571	129,571	1,117	1,117	517	517
Wise County Power Company, LLC	Texas	55320	GT-2	129,571	129,571	1,136	1,136	526	526
Wolf Hollow I, LP	Texas	55139	CTG1	129,571	129,571	1,071	1,071	496	496
Wolf Hollow I, LP	Texas	55139	CTG2	129,571	129,571	1,130	1,130	523	523
Alma	Wisconsin	4140	B4	32,055	30,899	406	244	170	164
Alma	Wisconsin	4140	B5	32,055	30,899	598	360	251	242
Bay Front	Wisconsin	3982	1	32,055	30,899	237	143	99	96
Bay Front	Wisconsin	3982	2	32,055	30,899	225	136	95	91
Bay Front	Wisconsin	3982	5	32,055	30,899	252	152	106	102
Blount Street	Wisconsin	3992	3	32,055	30,899	1	1	0	0
Blount Street	Wisconsin	3992	5	32,055	30,899	4	2	2	2
Blount Street	Wisconsin	3992	6	32,055	30,899	4	2	2	2
Blount Street	Wisconsin	3992	7	32,055	30,899	31	19	13	13
Blount Street	Wisconsin	3992	8	32,055	30,899	172	103	72	70
Blount Street	Wisconsin	3992	9	32,055	30,899	162	97	68	65
Columbia	Wisconsin	8023	1	32,055	30,899	5,506	3,317	2,313	2,230
Columbia	Wisconsin	8023	2	32,055	30,899	5,496	3,311	2,309	2,226
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	32,055	30,899	64	39	27	26
Concord	Wisconsin	7159	**1	32,055	30,899	67	40	28	27

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Welsh Power Plant	Texas	6139	3	11,582	11,686	10,350	8,005	9,003	9,894
Wilkes Power Plant	Texas	3478	1	9	0	14	11	1	1
Wilkes Power Plant	Texas	3478	2	2	1	2	2	1	2
Wilkes Power Plant	Texas	3478	3	2	2	3	3	2	2
Winchester Power Park	Texas	56674	1						
Winchester Power Park	Texas	56674	2						
Winchester Power Park	Texas	56674	3						
Winchester Power Park	Texas	56674	4						
Wise County Power Company, LLC	Texas	55320	GT-1	0	3	4	3	3	4
Wise County Power Company, LLC	Texas	55320	GT-2	0	3	4	4	3	4
Wolf Hollow I, LP	Texas	55139	CTG1	2	3	4	4	3	4
Wolf Hollow I, LP	Texas	55139	CTG2	2	3	4	4	4	4
Alma	Wisconsin	4140	B4	2,597	1,980	2,460	2,970	2,689	2,504
Alma	Wisconsin	4140	B5	3,543	2,966	3,449	4,580	4,217	3,267
Bay Front	Wisconsin	3982	1	141	278	231	152	102	93
Bay Front	Wisconsin	3982	2	167	140	323	209	222	99
Bay Front	Wisconsin	3982	5	565	611	642	583	825	849
Blount Street	Wisconsin	3992	3	0	0	2	0	0	0
Blount Street	Wisconsin	3992	5	0	0	0	0	0	0
Blount Street	Wisconsin	3992	6	0	0	0	0	0	0
Blount Street	Wisconsin	3992	7	1,380	1,809	1,078	392	165	153
Blount Street	Wisconsin	3992	8	2,653	2,289	2,453	1,383	1,310	1,180
Blount Street	Wisconsin	3992	9	2,368	3,854	2,438	847	1,291	1,628
Columbia	Wisconsin	8023	1	15,666	14,844	13,729	10,616	12,093	13,561
Columbia	Wisconsin	8023	2	14,554	14,399	12,370	11,780	13,332	13,303
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	0	0	0	0	0	0
Concord	Wisconsin	7159	**1	0	0	1	1	0	0

						Step 8			
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Welsh Power Plant	Texas	6139	3	8,858	9,534	11,686			
Wilkes Power Plant	Texas	3478	1	2	3	14			
Wilkes Power Plant	Texas	3478	2	1	2	2			
Wilkes Power Plant	Texas	3478	3	2	2	3			
Winchester Power Park	Texas	56674	1	0	0	0			
Winchester Power Park	Texas	56674	2	0	0	0			
Winchester Power Park	Texas	56674	3	0	0	0			
Winchester Power Park	Texas	56674	4	0	0	0			
Wise County Power Company, LLC	Texas	55320	GT-1	4	4	4			
Wise County Power Company, LLC	Texas	55320	GT-2	5	4	5			
Wolf Hollow I, LP	Texas	55139	CTG1	3	3	4			
Wolf Hollow I, LP	Texas	55139	CTG2	3	4	4			
Alma	Wisconsin	4140	B4	1,356	1,333	2,970			
Alma	Wisconsin	4140	B5	3,386	2,491	4,580			
Bay Front	Wisconsin	3982	1	33	57	278			
Bay Front	Wisconsin	3982	2	105	88	323			
Bay Front	Wisconsin	3982	5	601	202	849			
Blount Street	Wisconsin	3992	3	0	0	2			
Blount Street	Wisconsin	3992	5	0		0			
Blount Street	Wisconsin	3992	6	0	0	0			
Blount Street	Wisconsin	3992	7	2	1	1,809			
Blount Street	Wisconsin	3992	8	238	103	2,653			
Blount Street	Wisconsin	3992	9	159	174	3,854			
Columbia	Wisconsin	8023	1	11,833	14,527	15,666			
Columbia	Wisconsin	8023	2	12,396	13,192	14,554			
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	0	0	0			
Concord	Wisconsin	7159	**1	0	0	1			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Welsh Power Plant	Texas	6139	3				3,737	4,033	3,769
Wilkes Power Plant	Texas	3478	1				128	31	150
Wilkes Power Plant	Texas	3478	2				534	240	467
Wilkes Power Plant	Texas	3478	3				536	342	546
Winchester Power Park	Texas	56674	1						
Winchester Power Park	Texas	56674	2						
Winchester Power Park	Texas	56674	3						
Winchester Power Park	Texas	56674	4						
Wise County Power Company, LLC	Texas	55320	GT-1				2	102	113
Wise County Power Company, LLC	Texas	55320	GT-2				13	97	114
Wolf Hollow I, LP	Texas	55139	CTG1				166	165	193
Wolf Hollow I, LP	Texas	55139	CTG2				82	127	175
Alma	Wisconsin	4140	B4				1,139	1,268	1,172
Alma	Wisconsin	4140	B5				1,573	1,895	1,655
Bay Front	Wisconsin	3982	1				334	383	366
Bay Front	Wisconsin	3982	2				296	265	363
Bay Front	Wisconsin	3982	5				716	742	795
Blount Street	Wisconsin	3992	3				15	14	5
Blount Street	Wisconsin	3992	5				6	10	7
Blount Street	Wisconsin	3992	6				8	5	5
Blount Street	Wisconsin	3992	7				357	412	280
Blount Street	Wisconsin	3992	8				531	443	481
Blount Street	Wisconsin	3992	9				471	807	474
Columbia	Wisconsin	8023	1				2,996	3,028	3,022
Columbia	Wisconsin	8023	2				7,198	7,301	2,829
Combined Locks Energy Center, LLC	Wisconsin	55558	B06				8	4	5
Concord	Wisconsin	7159	**1				6	3	38

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Welsh Power Plant	Texas	6139	3	3,189	3,686	4,083	3,307	3,975	4,083
Wilkes Power Plant	Texas	3478	1	111	38	46	271	315	315
Wilkes Power Plant	Texas	3478	2	423	245	293	165	375	534
Wilkes Power Plant	Texas	3478	3	500	393	228	230	342	546
Winchester Power Park	Texas	56674	1				1	5	5
Winchester Power Park	Texas	56674	2				2	3	3
Winchester Power Park	Texas	56674	3				1	3	3
Winchester Power Park	Texas	56674	4				2	2	2
Wise County Power Company, LLC	Texas	55320	GT-1	121	88	109	131	127	131
Wise County Power Company, LLC	Texas	55320	GT-2	112	107	108	134	114	134
Wolf Hollow I, LP	Texas	55139	CTG1	188	178	228	238	174	238
Wolf Hollow I, LP	Texas	55139	CTG2	183	198	189	194	206	206
Alma	Wisconsin	4140	B4	1,226	1,269	1,031	334	231	1,269
Alma	Wisconsin	4140	B5	1,886	2,006	1,300	748	416	2,006
Bay Front	Wisconsin	3982	1	338	296	271	111	119	383
Bay Front	Wisconsin	3982	2	299	286	225	133	131	363
Bay Front	Wisconsin	3982	5	543	1,007	882	671	415	1,007
Blount Street	Wisconsin	3992	3	1	0	3	1	2	15
Blount Street	Wisconsin	3992	5	5	1	1	0		10
Blount Street	Wisconsin	3992	6	5	1	1	1	1	8
Blount Street	Wisconsin	3992	7	107	51	45	1	3	412
Blount Street	Wisconsin	3992	8	265	241	202	38	30	531
Blount Street	Wisconsin	3992	9	168	261	312	27	43	807
Columbia	Wisconsin	8023	1	2,699	2,655	2,715	2,438	2,899	3,028
Columbia	Wisconsin	8023	2	2,447	2,484	2,548	2,329	2,447	7,301
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	2	4	2	2	1	8
Concord	Wisconsin	7159	**1	18	31	10	2	8	38

Step 8

Plant Name	State	ORIS ID	Boiler ID	Step 8					
				2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Welsh Power Plant	Texas	6139	3						
Wilkes Power Plant	Texas	3478	1						
Wilkes Power Plant	Texas	3478	2						
Wilkes Power Plant	Texas	3478	3						
Winchester Power Park	Texas	56674	1						
Winchester Power Park	Texas	56674	2						
Winchester Power Park	Texas	56674	3						
Winchester Power Park	Texas	56674	4						
Wise County Power Company, LLC	Texas	55320	GT-1						
Wise County Power Company, LLC	Texas	55320	GT-2						
Wolf Hollow I, LP	Texas	55139	CTG1						
Wolf Hollow I, LP	Texas	55139	CTG2						
Alma	Wisconsin	4140	B4						
Alma	Wisconsin	4140	B5						
Bay Front	Wisconsin	3982	1						
Bay Front	Wisconsin	3982	2						
Bay Front	Wisconsin	3982	5						
Blount Street	Wisconsin	3992	3						
Blount Street	Wisconsin	3992	5						
Blount Street	Wisconsin	3992	6						
Blount Street	Wisconsin	3992	7						
Blount Street	Wisconsin	3992	8						
Blount Street	Wisconsin	3992	9						
Columbia	Wisconsin	8023	1						
Columbia	Wisconsin	8023	2						
Combined Locks Energy Center, LLC	Wisconsin	55558	B06						
Concord	Wisconsin	7159	**1						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Welsh Power Plant	Texas	6139	3	7,208	7,208	7,208	7,208
Wilkes Power Plant	Texas	3478	1	14	14	14	14
Wilkes Power Plant	Texas	3478	2	2	2	2	2
Wilkes Power Plant	Texas	3478	3	3	3	3	3
Winchester Power Park	Texas	56674	1	0	0	0	0
Winchester Power Park	Texas	56674	2	0	0	0	0
Winchester Power Park	Texas	56674	3	0	0	0	0
Winchester Power Park	Texas	56674	4	0	0	0	0
Wise County Power Company, LLC	Texas	55320	GT-1	4	4	4	4
Wise County Power Company, LLC	Texas	55320	GT-2	5	5	5	5
Wolf Hollow I, LP	Texas	55139	CTG1	4	4	4	4
Wolf Hollow I, LP	Texas	55139	CTG2	4	4	4	4
Alma	Wisconsin	4140	B4			285	285
Alma	Wisconsin	4140	B5			421	421
Bay Front	Wisconsin	3982	1			166	166
Bay Front	Wisconsin	3982	2			158	158
Bay Front	Wisconsin	3982	5			178	178
Blount Street	Wisconsin	3992	3			1	1
Blount Street	Wisconsin	3992	5			0	0
Blount Street	Wisconsin	3992	6			0	0
Blount Street	Wisconsin	3992	7			22	22
Blount Street	Wisconsin	3992	8			121	121
Blount Street	Wisconsin	3992	9			114	114
Columbia	Wisconsin	8023	1			3,872	3,872
Columbia	Wisconsin	8023	2			3,865	3,865
Combined Locks Energy Center, LLC	Wisconsin	55558	B06			0	0
Concord	Wisconsin	7159	**1			1	1

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
Calculation				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Welsh Power Plant	Texas	6139	3	7,208	7,208	2,089	2,089
Wilkes Power Plant	Texas	3478	1	14	14	171	171
Wilkes Power Plant	Texas	3478	2	2	2	306	306
Wilkes Power Plant	Texas	3478	3	3	3	401	401
Winchester Power Park	Texas	56674	1	0	0	5	5
Winchester Power Park	Texas	56674	2	0	0	3	3
Winchester Power Park	Texas	56674	3	0	0	3	3
Winchester Power Park	Texas	56674	4	0	0	2	2
Wise County Power Company, LLC	Texas	55320	GT-1	4	4	131	131
Wise County Power Company, LLC	Texas	55320	GT-2	5	5	134	134
Wolf Hollow I, LP	Texas	55139	CTG1	4	4	238	238
Wolf Hollow I, LP	Texas	55139	CTG2	4	4	206	206
Alma	Wisconsin	4140	B4	285	285	189	189
Alma	Wisconsin	4140	B5	421	421	279	279
Bay Front	Wisconsin	3982	1	166	166	110	110
Bay Front	Wisconsin	3982	2	158	158	105	105
Bay Front	Wisconsin	3982	5	178	178	118	118
Blount Street	Wisconsin	3992	3	1	1	1	1
Blount Street	Wisconsin	3992	5	0	0	2	2
Blount Street	Wisconsin	3992	6	0	0	2	2
Blount Street	Wisconsin	3992	7	22	22	15	15
Blount Street	Wisconsin	3992	8	121	121	80	80
Blount Street	Wisconsin	3992	9	114	114	75	75
Columbia	Wisconsin	8023	1	3,872	3,872	2,571	2,571
Columbia	Wisconsin	8023	2	3,865	3,865	2,566	2,566
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	0	0	8	8
Concord	Wisconsin	7159	**1	1	1	31	31

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Welsh Power Plant	Texas	6139	3	2,089	2,089	2,089	2,089
Wilkes Power Plant	Texas	3478	1	171	171	171	171
Wilkes Power Plant	Texas	3478	2	306	306	306	306
Wilkes Power Plant	Texas	3478	3	401	401	401	401
Winchester Power Park	Texas	56674	1	5	5	5	5
Winchester Power Park	Texas	56674	2	3	3	3	3
Winchester Power Park	Texas	56674	3	3	3	3	3
Winchester Power Park	Texas	56674	4	2	2	2	2
Wise County Power Company, LLC	Texas	55320	GT-1	131	131	131	131
Wise County Power Company, LLC	Texas	55320	GT-2	134	134	134	134
Wolf Hollow I, LP	Texas	55139	CTG1	238	238	238	238
Wolf Hollow I, LP	Texas	55139	CTG2	206	206	206	206
Alma	Wisconsin	4140	B4	182	182	182	182
Alma	Wisconsin	4140	B5	269	269	269	269
Bay Front	Wisconsin	3982	1	106	106	106	106
Bay Front	Wisconsin	3982	2	101	101	101	101
Bay Front	Wisconsin	3982	5	113	113	113	113
Blount Street	Wisconsin	3992	3	1	1	1	1
Blount Street	Wisconsin	3992	5	2	2	2	2
Blount Street	Wisconsin	3992	6	2	2	2	2
Blount Street	Wisconsin	3992	7	14	14	14	14
Blount Street	Wisconsin	3992	8	77	77	77	77
Blount Street	Wisconsin	3992	9	73	73	73	73
Columbia	Wisconsin	8023	1	2,472	2,472	2,472	2,472
Columbia	Wisconsin	8023	2	2,468	2,468	2,468	2,468
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	8	8	8	8
Concord	Wisconsin	7159	**1	30	30	30	30

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Welsh Power Plant	Texas	6139	3	15,114,855	16,726,709	19,204,018	16,136,099	20,015,818	18,648,848
Wilkes Power Plant	Texas	3478	1	1,044,738	293,621	608,560	1,976,737	2,126,285	1,715,920
Wilkes Power Plant	Texas	3478	2	3,463,251	1,901,734	2,836,281	1,989,922	3,342,752	3,214,095
Wilkes Power Plant	Texas	3478	3	4,652,406	3,392,220	3,026,036	2,508,432	3,766,338	3,936,988
Winchester Power Park	Texas	56674	1				120,374	250,597	185,485
Winchester Power Park	Texas	56674	2				120,350	254,653	187,502
Winchester Power Park	Texas	56674	3				124,279	221,830	173,054
Winchester Power Park	Texas	56674	4				116,373	172,465	144,419
Wise County Power Company, LLC	Texas	55320	GT-1	6,087,030	4,078,513	6,570,293	6,953,419	6,468,140	6,663,950
Wise County Power Company, LLC	Texas	55320	GT-2	6,743,431	5,440,561	6,024,800	7,403,563	6,681,140	6,942,711
Wolf Hollow I, LP	Texas	55139	CTG1	7,428,515	5,878,582	5,915,465	5,871,437	5,528,982	6,407,521
Wolf Hollow I, LP	Texas	55139	CTG2	6,775,853	6,377,479	6,685,154	6,099,602	5,923,905	6,612,829
Alma	Wisconsin	4140	B4	1,228,890	1,293,786	1,072,002	231,079	382,795	1,198,226
Alma	Wisconsin	4140	B5	2,032,897	1,885,928	1,829,968	757,537	732,093	1,916,264
Bay Front	Wisconsin	3982	1	681,869	771,255	712,349	751,372	723,467	748,698
Bay Front	Wisconsin	3982	2	760,274	720,320	677,508	732,748	716,207	737,781
Bay Front	Wisconsin	3982	5	760,370	957,630	884,027	803,138	584,806	881,598
Blount Street	Wisconsin	3992	3	3,907	617	4,041	2,953	9,144	5,698
Blount Street	Wisconsin	3992	5	43,585	11,533	6,417	6,308		20,512
Blount Street	Wisconsin	3992	6	46,607	8,987	7,226	13,138	14,257	24,667
Blount Street	Wisconsin	3992	7	208,780	87,676	102,310	5,314	10,181	132,922
Blount Street	Wisconsin	3992	8	553,287	538,509	469,817	98,977	136,194	520,538
Blount Street	Wisconsin	3992	9	558,554	474,194	566,243	63,836	286,940	532,997
Columbia	Wisconsin	8023	1	18,118,668	18,456,301	18,737,893	14,724,411	18,972,162	18,722,119
Columbia	Wisconsin	8023	2	17,000,686	17,592,001	17,949,889	15,418,288	18,406,660	17,982,850
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	280,353	389,844	170,927	223,703	207,019	297,967
Concord	Wisconsin	7159	**1	286,737	487,553	118,139	48,132	166,896	313,728

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Welsh Power Plant	Texas	6139	3	1,726,255,329	0.010803	61,841	61,841	668	668
Wilkes Power Plant	Texas	3478	1	1,726,255,329	0.000994	61,841	61,841	61	61
Wilkes Power Plant	Texas	3478	2	1,726,255,329	0.001862	61,841	61,841	115	115
Wilkes Power Plant	Texas	3478	3	1,726,255,329	0.002281	61,841	61,841	141	141
Winchester Power Park	Texas	56674	1	1,726,255,329	0.000107	61,841	61,841	7	7
Winchester Power Park	Texas	56674	2	1,726,255,329	0.000109	61,841	61,841	7	7
Winchester Power Park	Texas	56674	3	1,726,255,329	0.000100	61,841	61,841	6	6
Winchester Power Park	Texas	56674	4	1,726,255,329	0.000084	61,841	61,841	5	5
Wise County Power Company, LLC	Texas	55320	GT-1	1,726,255,329	0.003860	61,841	61,841	239	239
Wise County Power Company, LLC	Texas	55320	GT-2	1,726,255,329	0.004022	61,841	61,841	249	249
Wolf Hollow I, LP	Texas	55139	CTG1	1,726,255,329	0.003712	61,841	61,841	230	230
Wolf Hollow I, LP	Texas	55139	CTG2	1,726,255,329	0.003831	61,841	61,841	237	237
Alma	Wisconsin	4140	B4	249,555,499	0.004801	13,897	13,438	67	65
Alma	Wisconsin	4140	B5	249,555,499	0.007679	13,897	13,438	107	103
Bay Front	Wisconsin	3982	1	249,555,499	0.003000	13,897	13,438	42	40
Bay Front	Wisconsin	3982	2	249,555,499	0.002956	13,897	13,438	41	40
Bay Front	Wisconsin	3982	5	249,555,499	0.003533	13,897	13,438	49	47
Blount Street	Wisconsin	3992	3	249,555,499	0.000023	13,897	13,438	0	0
Blount Street	Wisconsin	3992	5	249,555,499	0.000082	13,897	13,438	1	1
Blount Street	Wisconsin	3992	6	249,555,499	0.000099	13,897	13,438	1	1
Blount Street	Wisconsin	3992	7	249,555,499	0.000533	13,897	13,438	7	7
Blount Street	Wisconsin	3992	8	249,555,499	0.002086	13,897	13,438	29	28
Blount Street	Wisconsin	3992	9	249,555,499	0.002136	13,897	13,438	30	29
Columbia	Wisconsin	8023	1	249,555,499	0.075022	13,897	13,438	1,043	1,008
Columbia	Wisconsin	8023	2	249,555,499	0.072060	13,897	13,438	1,001	968
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	249,555,499	0.001194	13,897	13,438	17	16
Concord	Wisconsin	7159	**1	249,555,499	0.001257	13,897	13,438	17	17

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Welsh Power Plant	Texas	6139	3	1,647	1,727	1,631	1,548	1,553	1,951
Wilkes Power Plant	Texas	3478	1	81	15	115	83	22	43
Wilkes Power Plant	Texas	3478	2	300	138	322	242	116	172
Wilkes Power Plant	Texas	3478	3	322	181	283	261	167	130
Winchester Power Park	Texas	56674	1						
Winchester Power Park	Texas	56674	2						
Winchester Power Park	Texas	56674	3						
Winchester Power Park	Texas	56674	4						
Wise County Power Company, LLC	Texas	55320	GT-1		56	54	59	36	52
Wise County Power Company, LLC	Texas	55320	GT-2		57	56	58	52	48
Wolf Hollow I, LP	Texas	55139	CTG1	128	70	100	91	87	88
Wolf Hollow I, LP	Texas	55139	CTG2	45	68	99	85	86	88
Alma	Wisconsin	4140	B4	463	555	486	441	522	371
Alma	Wisconsin	4140	B5	633	802	653	722	772	637
Bay Front	Wisconsin	3982	1	148	134	158	124	124	121
Bay Front	Wisconsin	3982	2	131	111	140	149	111	93
Bay Front	Wisconsin	3982	5	310	320	330	305	438	410
Blount Street	Wisconsin	3992	3	8	5	4	1	0	1
Blount Street	Wisconsin	3992	5	4	4	5	4	1	0
Blount Street	Wisconsin	3992	6	5	1	4	4	0	0
Blount Street	Wisconsin	3992	7	132	165	136	52	26	35
Blount Street	Wisconsin	3992	8	207	217	193	111	96	87
Blount Street	Wisconsin	3992	9	196	361	192	115	93	131
Columbia	Wisconsin	8023	1	1,364	1,340	1,330	1,328	1,277	1,281
Columbia	Wisconsin	8023	2	3,265	2,948	1,255	1,069	1,076	1,140
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	3	1	3	1	2	1
Concord	Wisconsin	7159	**1	2	3	31	12	19	5

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns BX - CE			
Welsh Power Plant	Texas	6139	3	1,407	1,890	1,951			
Wilkes Power Plant	Texas	3478	1	130	135	135			
Wilkes Power Plant	Texas	3478	2	101	190	322			
Wilkes Power Plant	Texas	3478	3	107	189	322			
Winchester Power Park	Texas	56674	1	1	4	4			
Winchester Power Park	Texas	56674	2	2	1	2			
Winchester Power Park	Texas	56674	3	1	1	1			
Winchester Power Park	Texas	56674	4	2	1	2			
Wise County Power Company, LLC	Texas	55320	GT-1	59	56	59			
Wise County Power Company, LLC	Texas	55320	GT-2	62	52	62			
Wolf Hollow I, LP	Texas	55139	CTG1	123	100	128			
Wolf Hollow I, LP	Texas	55139	CTG2	92	94	99			
Alma	Wisconsin	4140	B4	65	73	555			
Alma	Wisconsin	4140	B5	156	131	802			
Bay Front	Wisconsin	3982	1	51	54	158			
Bay Front	Wisconsin	3982	2	55	59	149			
Bay Front	Wisconsin	3982	5	363	260	438			
Blount Street	Wisconsin	3992	3	1	2	8			
Blount Street	Wisconsin	3992	5	0		5			
Blount Street	Wisconsin	3992	6	1	1	5			
Blount Street	Wisconsin	3992	7	1	3	165			
Blount Street	Wisconsin	3992	8	15	12	217			
Blount Street	Wisconsin	3992	9	10	43	361			
Columbia	Wisconsin	8023	1	1,039	1,305	1,364			
Columbia	Wisconsin	8023	2	1,010	1,171	3,265			
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	1	1	3			
Concord	Wisconsin	7159	**1	2	7	31			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Welsh Power Plant	Texas	6139	3				966	966
Wilkes Power Plant	Texas	3478	1				89	89
Wilkes Power Plant	Texas	3478	2				166	166
Wilkes Power Plant	Texas	3478	3				204	204
Winchester Power Park	Texas	56674	1				4	4
Winchester Power Park	Texas	56674	2				2	2
Winchester Power Park	Texas	56674	3				1	1
Winchester Power Park	Texas	56674	4				2	2
Wise County Power Company, LLC	Texas	55320	GT-1				59	59
Wise County Power Company, LLC	Texas	55320	GT-2				62	62
Wolf Hollow I, LP	Texas	55139	CTG1				128	128
Wolf Hollow I, LP	Texas	55139	CTG2				99	99
Alma	Wisconsin	4140	B4					
Alma	Wisconsin	4140	B5					
Bay Front	Wisconsin	3982	1					
Bay Front	Wisconsin	3982	2					
Bay Front	Wisconsin	3982	5					
Blount Street	Wisconsin	3992	3					
Blount Street	Wisconsin	3992	5					
Blount Street	Wisconsin	3992	6					
Blount Street	Wisconsin	3992	7					
Blount Street	Wisconsin	3992	8					
Blount Street	Wisconsin	3992	9					
Columbia	Wisconsin	8023	1					
Columbia	Wisconsin	8023	2					
Combined Locks Energy Center, LLC	Wisconsin	55558	B06					
Concord	Wisconsin	7159	**1					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Welsh Power Plant	Texas	6139	3	966	966	966	966	Y
Wilkes Power Plant	Texas	3478	1	89	89	89	89	Y
Wilkes Power Plant	Texas	3478	2	166	166	166	166	Y
Wilkes Power Plant	Texas	3478	3	204	204	204	204	Y
Winchester Power Park	Texas	56674	1	4	4	4	4	Y
Winchester Power Park	Texas	56674	2	2	2	2	2	Y
Winchester Power Park	Texas	56674	3	1	1	1	1	Y
Winchester Power Park	Texas	56674	4	2	2	2	2	Y
Wise County Power Company, LLC	Texas	55320	GT-1	59	59	59	59	Y
Wise County Power Company, LLC	Texas	55320	GT-2	62	62	62	62	Y
Wolf Hollow I, LP	Texas	55139	CTG1	128	128	128	128	Y
Wolf Hollow I, LP	Texas	55139	CTG2	99	99	99	99	Y
Alma	Wisconsin	4140	B4					Y
Alma	Wisconsin	4140	B5					Y
Bay Front	Wisconsin	3982	1					Y
Bay Front	Wisconsin	3982	2					Y
Bay Front	Wisconsin	3982	5					Y
Blount Street	Wisconsin	3992	3					Y
Blount Street	Wisconsin	3992	5					Y
Blount Street	Wisconsin	3992	6					Y
Blount Street	Wisconsin	3992	7					Y
Blount Street	Wisconsin	3992	8					Y
Blount Street	Wisconsin	3992	9					Y
Columbia	Wisconsin	8023	1					Y
Columbia	Wisconsin	8023	2					Y
Combined Locks Energy Center, LLC	Wisconsin	55558	B06					Y
Concord	Wisconsin	7159	**1					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Welsh Power Plant	Texas	6139	3		Y	Y		
Wilkes Power Plant	Texas	3478	1		Y	Y		
Wilkes Power Plant	Texas	3478	2		Y	Y		
Wilkes Power Plant	Texas	3478	3		Y	Y		
Winchester Power Park	Texas	56674	1		Y	Y		
Winchester Power Park	Texas	56674	2		Y	Y		
Winchester Power Park	Texas	56674	3		Y	Y		
Winchester Power Park	Texas	56674	4		Y	Y		
Wise County Power Company, LLC	Texas	55320	GT-1		Y	Y		
Wise County Power Company, LLC	Texas	55320	GT-2		Y	Y		
Wolf Hollow I, LP	Texas	55139	CTG1		Y	Y		
Wolf Hollow I, LP	Texas	55139	CTG2		Y	Y		
Alma	Wisconsin	4140	B4	Y		Y		
Alma	Wisconsin	4140	B5	Y		Y		
Bay Front	Wisconsin	3982	1	Y		Y		
Bay Front	Wisconsin	3982	2	Y		Y		
Bay Front	Wisconsin	3982	5	Y		Y		
Blount Street	Wisconsin	3992	3	Y		Y		
Blount Street	Wisconsin	3992	5	Y		Y		
Blount Street	Wisconsin	3992	6	Y		Y		
Blount Street	Wisconsin	3992	7	Y		Y		
Blount Street	Wisconsin	3992	8	Y		Y		
Blount Street	Wisconsin	3992	9	Y		Y		
Columbia	Wisconsin	8023	1	Y		Y		
Columbia	Wisconsin	8023	2	Y		Y		
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	Y		Y		
Concord	Wisconsin	7159	**1	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Concord	Wisconsin	7159	**2	2986	552,878	902,545	140,638	64,844	103,909
Concord	Wisconsin	7159	**3	2987	271,222	341,898	167,555	122,226	180,962
Concord	Wisconsin	7159	**4	2988	128,701	428,721	242,368	100,199	171,595
DTE Stoneman, LLC	Wisconsin	4146	B1	2631	229,959	327,151	118,887	80,793	398,878
DTE Stoneman, LLC	Wisconsin	4146	B2	2632	329,097	454,782	203,652	215,710	732,502
Depere Energy Center	Wisconsin	55029	B01	3819	1,180,688	810,707	345,636	94,701	370,157
Edgewater (4050)	Wisconsin	4050	3	2598	4,636,325	4,380,571	4,228,750	2,460,343	439,027
Edgewater (4050)	Wisconsin	4050	4	2599	22,644,520	21,136,131	21,719,200	18,588,718	20,265,492
Edgewater (4050)	Wisconsin	4050	5	2600	22,461,333	27,151,057	23,042,753	22,683,237	25,009,083
Elk Mound Generating Station	Wisconsin	7863	1	3327	68,947	172,055	20,247	3,694	79,997
Elk Mound Generating Station	Wisconsin	7863	2	3328	93,577	212,038	18,234	713	110,249
Elm Road Generating Station	Wisconsin	56068	1	89796				1,899,145	18,865,376
Fitchburg Generating Station	Wisconsin	3991	1	90092	16,821	29,339	4,567	10,703	37,308
Fitchburg Generating Station	Wisconsin	3991	2	90093	19,344	18,188	13,721	31,285	40,348
Fox Energy Company LLC	Wisconsin	56031	CTG-1	89359	3,077,563	1,572,035	1,889,344	2,005,278	2,115,424
Fox Energy Company LLC	Wisconsin	56031	CTG-2	89360	2,749,614	1,291,255	2,512,778	2,249,622	1,770,968
French Island	Wisconsin	4005	3	90016			17,082		
French Island	Wisconsin	4005	4	90032			17,272	22,861	19,071
Genoa	Wisconsin	4143	1	2630	22,339,863	21,485,522	22,728,620	17,668,769	16,856,548
Germantown Power Plant	Wisconsin	6253	**5	2873	365,680	571,022	228,708	66,406	115,830
Germantown Power Plant	Wisconsin	6253	P30	90037			36,400	8,370	6,176
Germantown Power Plant	Wisconsin	6253	P31	90038			38,025	8,207	5,526
Germantown Power Plant	Wisconsin	6253	P32	90039			4,225	8,208	4,876
Germantown Power Plant	Wisconsin	6253	P33	90040			4,225	8,370	8,370
Germantown Power Plant	Wisconsin	6253	P34	90234			45,500	12,189	10,807
Germantown Power Plant	Wisconsin	6253	P35	90235			47,775	12,189	10,482
Germantown Power Plant	Wisconsin	6253	P36	90236			34,775	12,514	9,426

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Concord	Wisconsin	7159	**2	532,020	555,545,264	0.000958	76,301	45,968
Concord	Wisconsin	7159	**3	264,694	555,545,264	0.000476	76,301	45,968
Concord	Wisconsin	7159	**4	280,894	555,545,264	0.000506	76,301	45,968
DTE Stoneman, LLC	Wisconsin	4146	B1	318,663	555,545,264	0.000574	76,301	45,968
DTE Stoneman, LLC	Wisconsin	4146	B2	505,460	555,545,264	0.000910	76,301	45,968
Depere Energy Center	Wisconsin	55029	B01	787,184	555,545,264	0.001417	76,301	45,968
Edgewater (4050)	Wisconsin	4050	3	4,415,215	555,545,264	0.007948	76,301	45,968
Edgewater (4050)	Wisconsin	4050	4	21,833,284	555,545,264	0.039301	76,301	45,968
Edgewater (4050)	Wisconsin	4050	5	25,067,631	555,545,264	0.045123	76,301	45,968
Elk Mound Generating Station	Wisconsin	7863	1	106,999	555,545,264	0.000193	76,301	45,968
Elk Mound Generating Station	Wisconsin	7863	2	138,621	555,545,264	0.000250	76,301	45,968
Elm Road Generating Station	Wisconsin	56068	1	10,382,260	555,545,264	0.018688	76,301	45,968
Fitchburg Generating Station	Wisconsin	3991	1	27,823	555,545,264	0.000050	76,301	45,968
Fitchburg Generating Station	Wisconsin	3991	2	30,326	555,545,264	0.000055	76,301	45,968
Fox Energy Company LLC	Wisconsin	56031	CTG-1	2,399,422	555,545,264	0.004319	76,301	45,968
Fox Energy Company LLC	Wisconsin	56031	CTG-2	2,504,005	555,545,264	0.004507	76,301	45,968
French Island	Wisconsin	4005	3	17,082	555,545,264	0.000031	76,301	45,968
French Island	Wisconsin	4005	4	19,734	555,545,264	0.000036	76,301	45,968
Genoa	Wisconsin	4143	1	22,184,668	555,545,264	0.039933	76,301	45,968
Germantown Power Plant	Wisconsin	6253	**5	388,470	555,545,264	0.000699	76,301	45,968
Germantown Power Plant	Wisconsin	6253	P30	16,982	555,545,264	0.000031	76,301	45,968
Germantown Power Plant	Wisconsin	6253	P31	17,253	555,545,264	0.000031	76,301	45,968
Germantown Power Plant	Wisconsin	6253	P32	5,770	555,545,264	0.000010	76,301	45,968
Germantown Power Plant	Wisconsin	6253	P33	6,988	555,545,264	0.000013	76,301	45,968
Germantown Power Plant	Wisconsin	6253	P34	22,832	555,545,264	0.000041	76,301	45,968
Germantown Power Plant	Wisconsin	6253	P35	23,482	555,545,264	0.000042	76,301	45,968
Germantown Power Plant	Wisconsin	6253	P36	18,905	555,545,264	0.000034	76,301	45,968

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Concord	Wisconsin	7159	**2	32,055	30,899	73	44	31	30
Concord	Wisconsin	7159	**3	32,055	30,899	36	22	15	15
Concord	Wisconsin	7159	**4	32,055	30,899	39	23	16	16
DTE Stoneman, LLC	Wisconsin	4146	B1	32,055	30,899	44	26	18	18
DTE Stoneman, LLC	Wisconsin	4146	B2	32,055	30,899	69	42	29	28
Depere Energy Center	Wisconsin	55029	B01	32,055	30,899	108	65	45	44
Edgewater (4050)	Wisconsin	4050	3	32,055	30,899	606	365	255	246
Edgewater (4050)	Wisconsin	4050	4	32,055	30,899	2,999	1,807	1,260	1,214
Edgewater (4050)	Wisconsin	4050	5	32,055	30,899	3,443	2,074	1,446	1,394
Elk Mound Generating Station	Wisconsin	7863	1	32,055	30,899	15	9	6	6
Elk Mound Generating Station	Wisconsin	7863	2	32,055	30,899	19	11	8	8
Elm Road Generating Station	Wisconsin	56068	1	32,055	30,899	1,426	859	599	577
Fitchburg Generating Station	Wisconsin	3991	1	32,055	30,899	4	2	2	2
Fitchburg Generating Station	Wisconsin	3991	2	32,055	30,899	4	3	2	2
Fox Energy Company LLC	Wisconsin	56031	CTG-1	32,055	30,899	330	199	138	133
Fox Energy Company LLC	Wisconsin	56031	CTG-2	32,055	30,899	344	207	144	139
French Island	Wisconsin	4005	3	32,055	30,899	2	1	1	1
French Island	Wisconsin	4005	4	32,055	30,899	3	2	1	1
Genoa	Wisconsin	4143	1	32,055	30,899	3,047	1,836	1,280	1,234
Germantown Power Plant	Wisconsin	6253	**5	32,055	30,899	53	32	22	22
Germantown Power Plant	Wisconsin	6253	P30	32,055	30,899	2	1	1	1
Germantown Power Plant	Wisconsin	6253	P31	32,055	30,899	2	1	1	1
Germantown Power Plant	Wisconsin	6253	P32	32,055	30,899	1	0	0	0
Germantown Power Plant	Wisconsin	6253	P33	32,055	30,899	1	1	0	0
Germantown Power Plant	Wisconsin	6253	P34	32,055	30,899	3	2	1	1
Germantown Power Plant	Wisconsin	6253	P35	32,055	30,899	3	2	1	1
Germantown Power Plant	Wisconsin	6253	P36	32,055	30,899	3	2	1	1

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Concord	Wisconsin	7159	**2	0	0	1	0	1	0
Concord	Wisconsin	7159	**3	0	0	0	0	0	0
Concord	Wisconsin	7159	**4	0	0	1	0	0	0
DTE Stoneman, LLC	Wisconsin	4146	B1	78	298	388	198	289	100
DTE Stoneman, LLC	Wisconsin	4146	B2	81	346	485	272	393	170
Depere Energy Center	Wisconsin	55029	B01	1	0	1	1	1	0
Edgewater (4050)	Wisconsin	4050	3	1,508	1,606	1,724	1,336	1,221	1,169
Edgewater (4050)	Wisconsin	4050	4	7,004	6,105	7,379	6,339	5,945	6,035
Edgewater (4050)	Wisconsin	4050	5	10,510	10,881	7,741	8,084	9,502	7,858
Elk Mound Generating Station	Wisconsin	7863	1	0	0	0	0	0	0
Elk Mound Generating Station	Wisconsin	7863	2	0	0	0	0	0	0
Elm Road Generating Station	Wisconsin	56068	1						
Fitchburg Generating Station	Wisconsin	3991	1	0	0	0	0	0	
Fitchburg Generating Station	Wisconsin	3991	2	0	0	0	0	0	
Fox Energy Company LLC	Wisconsin	56031	CTG-1				1	0	1
Fox Energy Company LLC	Wisconsin	56031	CTG-2			1	1	0	1
French Island	Wisconsin	4005	3						
French Island	Wisconsin	4005	4						
Genoa	Wisconsin	4143	1	16,844	10,944	13,072	13,658	12,479	11,962
Germantown Power Plant	Wisconsin	6253	**5	0	0	1	0	1	0
Germantown Power Plant	Wisconsin	6253	P30						
Germantown Power Plant	Wisconsin	6253	P31						
Germantown Power Plant	Wisconsin	6253	P32						
Germantown Power Plant	Wisconsin	6253	P33						
Germantown Power Plant	Wisconsin	6253	P34						
Germantown Power Plant	Wisconsin	6253	P35						
Germantown Power Plant	Wisconsin	6253	P36						

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Concord	Wisconsin	7159	**2	0	0	1			
Concord	Wisconsin	7159	**3	0	0	0			
Concord	Wisconsin	7159	**4	0	0	1			
DTE Stoneman, LLC	Wisconsin	4146	B1	66	134	388			
DTE Stoneman, LLC	Wisconsin	4146	B2	178	287	485			
Depere Energy Center	Wisconsin	55029	B01	0	0	1			
Edgewater (4050)	Wisconsin	4050	3	729	118	1,724			
Edgewater (4050)	Wisconsin	4050	4	4,937	5,640	7,379			
Edgewater (4050)	Wisconsin	4050	5	7,782	8,779	10,881			
Elk Mound Generating Station	Wisconsin	7863	1	0	0	0			
Elk Mound Generating Station	Wisconsin	7863	2	0	0	0			
Elm Road Generating Station	Wisconsin	56068	1	17	84	84			
Fitchburg Generating Station	Wisconsin	3991	1	0	0	0			
Fitchburg Generating Station	Wisconsin	3991	2	0	0	0			
Fox Energy Company LLC	Wisconsin	56031	CTG-1	1	1	1			
Fox Energy Company LLC	Wisconsin	56031	CTG-2	1	1	1			
French Island	Wisconsin	4005	3			0			
French Island	Wisconsin	4005	4	0	0	0			
Genoa	Wisconsin	4143	1	6,458	8,874	16,844			
Germantown Power Plant	Wisconsin	6253	**5	0	0	1			
Germantown Power Plant	Wisconsin	6253	P30	0	0	0			
Germantown Power Plant	Wisconsin	6253	P31	0	0	0			
Germantown Power Plant	Wisconsin	6253	P32	0	0	0			
Germantown Power Plant	Wisconsin	6253	P33	0	0	0			
Germantown Power Plant	Wisconsin	6253	P34	0	0	0			
Germantown Power Plant	Wisconsin	6253	P35	0	0	0			
Germantown Power Plant	Wisconsin	6253	P36	0	0	0			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Concord	Wisconsin	7159	**2				4	2	43
Concord	Wisconsin	7159	**3				4	5	39
Concord	Wisconsin	7159	**4				4	4	40
DTE Stoneman, LLC	Wisconsin	4146	B1				12	44	78
DTE Stoneman, LLC	Wisconsin	4146	B2				13	51	97
Depere Energy Center	Wisconsin	55029	B01				56	47	89
Edgewater (4050)	Wisconsin	4050	3				1,321	1,443	1,001
Edgewater (4050)	Wisconsin	4050	4				4,100	3,878	2,780
Edgewater (4050)	Wisconsin	4050	5				3,145	2,852	2,282
Elk Mound Generating Station	Wisconsin	7863	1				4	2	2
Elk Mound Generating Station	Wisconsin	7863	2				4	2	2
Elm Road Generating Station	Wisconsin	56068	1						
Fitchburg Generating Station	Wisconsin	3991	1				21	11	9
Fitchburg Generating Station	Wisconsin	3991	2				8	11	6
Fox Energy Company LLC	Wisconsin	56031	CTG-1						
Fox Energy Company LLC	Wisconsin	56031	CTG-2						22
French Island	Wisconsin	4005	3						
French Island	Wisconsin	4005	4						
Genoa	Wisconsin	4143	1				4,517	3,435	3,748
Germantown Power Plant	Wisconsin	6253	**5				5	3	17
Germantown Power Plant	Wisconsin	6253	P30						
Germantown Power Plant	Wisconsin	6253	P31						
Germantown Power Plant	Wisconsin	6253	P32						
Germantown Power Plant	Wisconsin	6253	P33						
Germantown Power Plant	Wisconsin	6253	P34						
Germantown Power Plant	Wisconsin	6253	P35						
Germantown Power Plant	Wisconsin	6253	P36						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Concord	Wisconsin	7159	**2	24	36	6	2	4	43
Concord	Wisconsin	7159	**3	11	14	7	6	7	39
Concord	Wisconsin	7159	**4	6	18	11	5	7	40
DTE Stoneman, LLC	Wisconsin	4146	B1	45	64	22	19	64	78
DTE Stoneman, LLC	Wisconsin	4146	B2	63	88	38	47	127	127
Depere Energy Center	Wisconsin	55029	B01	46	36	15	5	17	89
Edgewater (4050)	Wisconsin	4050	3	667	749	837	243	53	1,443
Edgewater (4050)	Wisconsin	4050	4	2,059	1,948	1,968	1,166	1,451	4,100
Edgewater (4050)	Wisconsin	4050	5	2,276	1,975	1,698	1,552	1,791	3,145
Elk Mound Generating Station	Wisconsin	7863	1	2	4	1	0	2	4
Elk Mound Generating Station	Wisconsin	7863	2	3	5	3	0	3	5
Elm Road Generating Station	Wisconsin	56068	1				71	462	462
Fitchburg Generating Station	Wisconsin	3991	1	3	5	1	2	8	21
Fitchburg Generating Station	Wisconsin	3991	2	3	3	3	6	8	11
Fox Energy Company LLC	Wisconsin	56031	CTG-1	22	12	13	14	14	22
Fox Energy Company LLC	Wisconsin	56031	CTG-2	20	10	17	17	13	22
French Island	Wisconsin	4005	3			5			5
French Island	Wisconsin	4005	4			5	6	6	6
Genoa	Wisconsin	4143	1	3,948	3,607	2,658	1,528	1,609	4,517
Germantown Power Plant	Wisconsin	6253	**5	5	8	3	1	2	17
Germantown Power Plant	Wisconsin	6253	P30			22	5	4	22
Germantown Power Plant	Wisconsin	6253	P31			23	5	3	23
Germantown Power Plant	Wisconsin	6253	P32			3	5	3	5
Germantown Power Plant	Wisconsin	6253	P33			3	5	5	5
Germantown Power Plant	Wisconsin	6253	P34			27	7	6	27
Germantown Power Plant	Wisconsin	6253	P35			29	7	6	29
Germantown Power Plant	Wisconsin	6253	P36			21	8	6	21

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Concord	Wisconsin	7159	**2						
Concord	Wisconsin	7159	**3						
Concord	Wisconsin	7159	**4						
DTE Stoneman, LLC	Wisconsin	4146	B1						
DTE Stoneman, LLC	Wisconsin	4146	B2						
Depere Energy Center	Wisconsin	55029	B01						
Edgewater (4050)	Wisconsin	4050	3						
Edgewater (4050)	Wisconsin	4050	4						
Edgewater (4050)	Wisconsin	4050	5						
Elk Mound Generating Station	Wisconsin	7863	1						
Elk Mound Generating Station	Wisconsin	7863	2						
Elm Road Generating Station	Wisconsin	56068	1						
Fitchburg Generating Station	Wisconsin	3991	1						
Fitchburg Generating Station	Wisconsin	3991	2						
Fox Energy Company LLC	Wisconsin	56031	CTG-1						
Fox Energy Company LLC	Wisconsin	56031	CTG-2						
French Island	Wisconsin	4005	3						
French Island	Wisconsin	4005	4						
Genoa	Wisconsin	4143	1						
Germantown Power Plant	Wisconsin	6253	**5						
Germantown Power Plant	Wisconsin	6253	P30						
Germantown Power Plant	Wisconsin	6253	P31						
Germantown Power Plant	Wisconsin	6253	P32						
Germantown Power Plant	Wisconsin	6253	P33						
Germantown Power Plant	Wisconsin	6253	P34						
Germantown Power Plant	Wisconsin	6253	P35						
Germantown Power Plant	Wisconsin	6253	P36						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Concord	Wisconsin	7159	**2			1	1
Concord	Wisconsin	7159	**3			0	0
Concord	Wisconsin	7159	**4			1	1
DTE Stoneman, LLC	Wisconsin	4146	B1			31	31
DTE Stoneman, LLC	Wisconsin	4146	B2			49	49
Depere Energy Center	Wisconsin	55029	B01			1	1
Edgewater (4050)	Wisconsin	4050	3			426	426
Edgewater (4050)	Wisconsin	4050	4			2,109	2,109
Edgewater (4050)	Wisconsin	4050	5			2,421	2,421
Elk Mound Generating Station	Wisconsin	7863	1			0	0
Elk Mound Generating Station	Wisconsin	7863	2			0	0
Elm Road Generating Station	Wisconsin	56068	1			84	84
Fitchburg Generating Station	Wisconsin	3991	1			0	0
Fitchburg Generating Station	Wisconsin	3991	2			0	0
Fox Energy Company LLC	Wisconsin	56031	CTG-1			1	1
Fox Energy Company LLC	Wisconsin	56031	CTG-2			1	1
French Island	Wisconsin	4005	3			0	0
French Island	Wisconsin	4005	4			0	0
Genoa	Wisconsin	4143	1			2,143	2,143
Germantown Power Plant	Wisconsin	6253	**5			1	1
Germantown Power Plant	Wisconsin	6253	P30			0	0
Germantown Power Plant	Wisconsin	6253	P31			0	0
Germantown Power Plant	Wisconsin	6253	P32			0	0
Germantown Power Plant	Wisconsin	6253	P33			0	0
Germantown Power Plant	Wisconsin	6253	P34			0	0
Germantown Power Plant	Wisconsin	6253	P35			0	0
Germantown Power Plant	Wisconsin	6253	P36			0	0

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Concord	Wisconsin	7159	**2	1	1	34	34
Concord	Wisconsin	7159	**3	0	0	17	17
Concord	Wisconsin	7159	**4	1	1	18	18
DTE Stoneman, LLC	Wisconsin	4146	B1	31	31	20	20
DTE Stoneman, LLC	Wisconsin	4146	B2	49	49	32	32
Depere Energy Center	Wisconsin	55029	B01	1	1	50	50
Edgewater (4050)	Wisconsin	4050	3	426	426	283	283
Edgewater (4050)	Wisconsin	4050	4	2,109	2,109	1,400	1,400
Edgewater (4050)	Wisconsin	4050	5	2,421	2,421	1,607	1,607
Elk Mound Generating Station	Wisconsin	7863	1	0	0	4	4
Elk Mound Generating Station	Wisconsin	7863	2	0	0	5	5
Elm Road Generating Station	Wisconsin	56068	1	84	84	462	462
Fitchburg Generating Station	Wisconsin	3991	1	0	0	2	2
Fitchburg Generating Station	Wisconsin	3991	2	0	0	2	2
Fox Energy Company LLC	Wisconsin	56031	CTG-1	1	1	22	22
Fox Energy Company LLC	Wisconsin	56031	CTG-2	1	1	22	22
French Island	Wisconsin	4005	3	0	0	1	1
French Island	Wisconsin	4005	4	0	0	1	1
Genoa	Wisconsin	4143	1	2,143	2,143	1,422	1,422
Germantown Power Plant	Wisconsin	6253	**5	1	1	17	17
Germantown Power Plant	Wisconsin	6253	P30	0	0	1	1
Germantown Power Plant	Wisconsin	6253	P31	0	0	1	1
Germantown Power Plant	Wisconsin	6253	P32	0	0	0	0
Germantown Power Plant	Wisconsin	6253	P33	0	0	0	0
Germantown Power Plant	Wisconsin	6253	P34	0	0	1	1
Germantown Power Plant	Wisconsin	6253	P35	0	0	2	2
Germantown Power Plant	Wisconsin	6253	P36	0	0	1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U <(AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U <(AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U <(AS and AY)
Concord	Wisconsin	7159	**2	33	33	33	33
Concord	Wisconsin	7159	**3	16	16	16	16
Concord	Wisconsin	7159	**4	17	17	17	17
DTE Stoneman, LLC	Wisconsin	4146	B1	20	20	20	20
DTE Stoneman, LLC	Wisconsin	4146	B2	31	31	31	31
Depere Energy Center	Wisconsin	55029	B01	49	49	49	49
Edgewater (4050)	Wisconsin	4050	3	272	272	272	272
Edgewater (4050)	Wisconsin	4050	4	1,346	1,346	1,346	1,346
Edgewater (4050)	Wisconsin	4050	5	1,546	1,546	1,546	1,546
Elk Mound Generating Station	Wisconsin	7863	1	4	4	4	4
Elk Mound Generating Station	Wisconsin	7863	2	5	5	5	5
Elm Road Generating Station	Wisconsin	56068	1	462	462	462	462
Fitchburg Generating Station	Wisconsin	3991	1	2	2	2	2
Fitchburg Generating Station	Wisconsin	3991	2	2	2	2	2
Fox Energy Company LLC	Wisconsin	56031	CTG-1	22	22	22	22
Fox Energy Company LLC	Wisconsin	56031	CTG-2	22	22	22	22
French Island	Wisconsin	4005	3	1	1	1	1
French Island	Wisconsin	4005	4	1	1	1	1
Genoa	Wisconsin	4143	1	1,368	1,368	1,368	1,368
Germantown Power Plant	Wisconsin	6253	**5	17	17	17	17
Germantown Power Plant	Wisconsin	6253	P30	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P31	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P32	0	0	0	0
Germantown Power Plant	Wisconsin	6253	P33	0	0	0	0
Germantown Power Plant	Wisconsin	6253	P34	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P35	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P36	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Concord	Wisconsin	7159	**2	332,015	599,957	46,766	32,142	90,511	340,828
Concord	Wisconsin	7159	**3	149,282	221,527	78,831	77,090	107,709	159,506
Concord	Wisconsin	7159	**4	92,259	254,999	78,210	86,554	134,535	160,598
DTE Stoneman, LLC	Wisconsin	4146	B1	106,293	178,151	13,182		75,326	119,923
DTE Stoneman, LLC	Wisconsin	4146	B2	136,546	205,791	32,250		235,732	192,690
Depere Energy Center	Wisconsin	55029	B01	428,395	489,207	262,371	41,685	238,861	393,324
Edgewater (4050)	Wisconsin	4050	3	2,295,861	1,825,647	1,630,923	1,279,897	418,048	1,917,477
Edgewater (4050)	Wisconsin	4050	4	9,604,298	8,092,965	8,949,240	6,682,955	9,380,254	9,311,264
Edgewater (4050)	Wisconsin	4050	5	12,508,824	9,603,407	10,580,812	9,841,450	11,794,734	11,628,123
Elk Mound Generating Station	Wisconsin	7863	1	56,083	85,261	683	3,405	72,380	71,241
Elk Mound Generating Station	Wisconsin	7863	2	57,922	109,006	1,113	677	70,504	79,144
Elm Road Generating Station	Wisconsin	56068	1					6,989,509	6,989,509
Fitchburg Generating Station	Wisconsin	3991	1				7,044	25,939	16,491
Fitchburg Generating Station	Wisconsin	3991	2			11,343	15,551	19,901	15,598
Fox Energy Company LLC	Wisconsin	56031	CTG-1	2,052,138	780,086	943,164	1,046,863	1,512,100	1,537,033
Fox Energy Company LLC	Wisconsin	56031	CTG-2	1,361,126	777,161	1,142,432	1,057,189	981,539	1,186,916
French Island	Wisconsin	4005	3			50			50
French Island	Wisconsin	4005	4			8,677	20,282	9,058	12,672
Genoa	Wisconsin	4143	1	9,576,562	9,227,282	8,847,199	7,879,741	7,249,478	9,217,014
Germantown Power Plant	Wisconsin	6253	**5	171,137	355,014	141,466	36,598	97,009	222,539
Germantown Power Plant	Wisconsin	6253	P30			18,200	4,957	163	7,773
Germantown Power Plant	Wisconsin	6253	P31			18,200	4,957	163	7,773
Germantown Power Plant	Wisconsin	6253	P32			325	4,794	3,169	2,763
Germantown Power Plant	Wisconsin	6253	P33			650	4,794	3,494	2,979
Germantown Power Plant	Wisconsin	6253	P34			20,475	3,982	5,363	9,940
Germantown Power Plant	Wisconsin	6253	P35			21,125	3,982	5,038	10,048
Germantown Power Plant	Wisconsin	6253	P36			19,825	4,063	4,307	9,398

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Concord	Wisconsin	7159	**2	249,555,499	0.001366	13,897	13,438	19	18
Concord	Wisconsin	7159	**3	249,555,499	0.000639	13,897	13,438	9	9
Concord	Wisconsin	7159	**4	249,555,499	0.000644	13,897	13,438	9	9
DTE Stoneman, LLC	Wisconsin	4146	B1	249,555,499	0.000481	13,897	13,438	7	6
DTE Stoneman, LLC	Wisconsin	4146	B2	249,555,499	0.000772	13,897	13,438	11	10
Depere Energy Center	Wisconsin	55029	B01	249,555,499	0.001576	13,897	13,438	22	21
Edgewater (4050)	Wisconsin	4050	3	249,555,499	0.007684	13,897	13,438	107	103
Edgewater (4050)	Wisconsin	4050	4	249,555,499	0.037311	13,897	13,438	519	501
Edgewater (4050)	Wisconsin	4050	5	249,555,499	0.046595	13,897	13,438	648	626
Elk Mound Generating Station	Wisconsin	7863	1	249,555,499	0.000285	13,897	13,438	4	4
Elk Mound Generating Station	Wisconsin	7863	2	249,555,499	0.000317	13,897	13,438	4	4
Elm Road Generating Station	Wisconsin	56068	1	249,555,499	0.028008	13,897	13,438	389	376
Fitchburg Generating Station	Wisconsin	3991	1	249,555,499	0.000066	13,897	13,438	1	1
Fitchburg Generating Station	Wisconsin	3991	2	249,555,499	0.000063	13,897	13,438	1	1
Fox Energy Company LLC	Wisconsin	56031	CTG-1	249,555,499	0.006159	13,897	13,438	86	83
Fox Energy Company LLC	Wisconsin	56031	CTG-2	249,555,499	0.004756	13,897	13,438	66	64
French Island	Wisconsin	4005	3	249,555,499	0.000000	13,897	13,438	0	0
French Island	Wisconsin	4005	4	249,555,499	0.000051	13,897	13,438	1	1
Genoa	Wisconsin	4143	1	249,555,499	0.036934	13,897	13,438	513	496
Germantown Power Plant	Wisconsin	6253	**5	249,555,499	0.000892	13,897	13,438	12	12
Germantown Power Plant	Wisconsin	6253	P30	249,555,499	0.000031	13,897	13,438	0	0
Germantown Power Plant	Wisconsin	6253	P31	249,555,499	0.000031	13,897	13,438	0	0
Germantown Power Plant	Wisconsin	6253	P32	249,555,499	0.000011	13,897	13,438	0	0
Germantown Power Plant	Wisconsin	6253	P33	249,555,499	0.000012	13,897	13,438	0	0
Germantown Power Plant	Wisconsin	6253	P34	249,555,499	0.000040	13,897	13,438	1	1
Germantown Power Plant	Wisconsin	6253	P35	249,555,499	0.000040	13,897	13,438	1	1
Germantown Power Plant	Wisconsin	6253	P36	249,555,499	0.000038	13,897	13,438	1	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Concord	Wisconsin	7159	**2	3	2	32	14	24	2
Concord	Wisconsin	7159	**3	1	3	32	6	9	3
Concord	Wisconsin	7159	**4	2	3	27	4	11	4
DTE Stoneman, LLC	Wisconsin	4146	B1	6	22	22	21	35	2
DTE Stoneman, LLC	Wisconsin	4146	B2	5	27	37	26	41	5
Depere Energy Center	Wisconsin	55029	B01	26	13	50	18	22	11
Edgewater (4050)	Wisconsin	4050	3	385	479	268	292	293	326
Edgewater (4050)	Wisconsin	4050	4	1,434	1,556	762	808	699	792
Edgewater (4050)	Wisconsin	4050	5	1,215	1,134	847	1,217	759	797
Elk Mound Generating Station	Wisconsin	7863	1	2	1	1	2	2	0
Elk Mound Generating Station	Wisconsin	7863	2	2	1	1	2	2	0
Elm Road Generating Station	Wisconsin	56068	1						
Fitchburg Generating Station	Wisconsin	3991	1						
Fitchburg Generating Station	Wisconsin	3991	2						2
Fox Energy Company LLC	Wisconsin	56031	CTG-1				14	5	7
Fox Energy Company LLC	Wisconsin	56031	CTG-2			16	9	6	8
French Island	Wisconsin	4005	3						0
French Island	Wisconsin	4005	4						2
Genoa	Wisconsin	4143	1	1,931	1,032	1,598	1,710	1,563	992
Germantown Power Plant	Wisconsin	6253	**5	2	2	11	2	5	2
Germantown Power Plant	Wisconsin	6253	P30						11
Germantown Power Plant	Wisconsin	6253	P31						11
Germantown Power Plant	Wisconsin	6253	P32						0
Germantown Power Plant	Wisconsin	6253	P33						0
Germantown Power Plant	Wisconsin	6253	P34						12
Germantown Power Plant	Wisconsin	6253	P35						13
Germantown Power Plant	Wisconsin	6253	P36						12

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns BX - CE			
Concord	Wisconsin	7159	**2	1	3	32			
Concord	Wisconsin	7159	**3	4	4	32			
Concord	Wisconsin	7159	**4	5	5	27			
DTE Stoneman, LLC	Wisconsin	4146	B1		31	35			
DTE Stoneman, LLC	Wisconsin	4146	B2		73	73			
Depere Energy Center	Wisconsin	55029	B01	3	11	50			
Edgewater (4050)	Wisconsin	4050	3	122	49	479			
Edgewater (4050)	Wisconsin	4050	4	404	639	1,556			
Edgewater (4050)	Wisconsin	4050	5	699	875	1,217			
Elk Mound Generating Station	Wisconsin	7863	1	0	2	2			
Elk Mound Generating Station	Wisconsin	7863	2	0	2	2			
Elm Road Generating Station	Wisconsin	56068	1		168	168			
Fitchburg Generating Station	Wisconsin	3991	1	1	5	5			
Fitchburg Generating Station	Wisconsin	3991	2	3	4	4			
Fox Energy Company LLC	Wisconsin	56031	CTG-1	7	9	14			
Fox Energy Company LLC	Wisconsin	56031	CTG-2	8	7	16			
French Island	Wisconsin	4005	3			0			
French Island	Wisconsin	4005	4	6	3	6			
Genoa	Wisconsin	4143	1	596	698	1,931			
Germantown Power Plant	Wisconsin	6253	**5	1	1	11			
Germantown Power Plant	Wisconsin	6253	P30	3	0	11			
Germantown Power Plant	Wisconsin	6253	P31	3	0	11			
Germantown Power Plant	Wisconsin	6253	P32	3	2	3			
Germantown Power Plant	Wisconsin	6253	P33	3	2	3			
Germantown Power Plant	Wisconsin	6253	P34	2	3	12			
Germantown Power Plant	Wisconsin	6253	P35	2	3	13			
Germantown Power Plant	Wisconsin	6253	P36	2	3	12			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Concord	Wisconsin	7159	**2					
Concord	Wisconsin	7159	**3					
Concord	Wisconsin	7159	**4					
DTE Stoneman, LLC	Wisconsin	4146	B1					
DTE Stoneman, LLC	Wisconsin	4146	B2					
Depere Energy Center	Wisconsin	55029	B01					
Edgewater (4050)	Wisconsin	4050	3					
Edgewater (4050)	Wisconsin	4050	4					
Edgewater (4050)	Wisconsin	4050	5					
Elk Mound Generating Station	Wisconsin	7863	1					
Elk Mound Generating Station	Wisconsin	7863	2					
Elm Road Generating Station	Wisconsin	56068	1					
Fitchburg Generating Station	Wisconsin	3991	1					
Fitchburg Generating Station	Wisconsin	3991	2					
Fox Energy Company LLC	Wisconsin	56031	CTG-1					
Fox Energy Company LLC	Wisconsin	56031	CTG-2					
French Island	Wisconsin	4005	3					
French Island	Wisconsin	4005	4					
Genoa	Wisconsin	4143	1					
Germantown Power Plant	Wisconsin	6253	**5					
Germantown Power Plant	Wisconsin	6253	P30					
Germantown Power Plant	Wisconsin	6253	P31					
Germantown Power Plant	Wisconsin	6253	P32					
Germantown Power Plant	Wisconsin	6253	P33					
Germantown Power Plant	Wisconsin	6253	P34					
Germantown Power Plant	Wisconsin	6253	P35					
Germantown Power Plant	Wisconsin	6253	P36					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Concord	Wisconsin	7159	**2					Y
Concord	Wisconsin	7159	**3					Y
Concord	Wisconsin	7159	**4					Y
DTE Stoneman, LLC	Wisconsin	4146	B1					Y
DTE Stoneman, LLC	Wisconsin	4146	B2					Y
Depere Energy Center	Wisconsin	55029	B01					Y
Edgewater (4050)	Wisconsin	4050	3					Y
Edgewater (4050)	Wisconsin	4050	4					Y
Edgewater (4050)	Wisconsin	4050	5					Y
Elk Mound Generating Station	Wisconsin	7863	1					Y
Elk Mound Generating Station	Wisconsin	7863	2					Y
Elm Road Generating Station	Wisconsin	56068	1					Y
Fitchburg Generating Station	Wisconsin	3991	1					Y
Fitchburg Generating Station	Wisconsin	3991	2					Y
Fox Energy Company LLC	Wisconsin	56031	CTG-1					Y
Fox Energy Company LLC	Wisconsin	56031	CTG-2					Y
French Island	Wisconsin	4005	3					Y
French Island	Wisconsin	4005	4					Y
Genoa	Wisconsin	4143	1					Y
Germantown Power Plant	Wisconsin	6253	**5					Y
Germantown Power Plant	Wisconsin	6253	P30					Y
Germantown Power Plant	Wisconsin	6253	P31					Y
Germantown Power Plant	Wisconsin	6253	P32					Y
Germantown Power Plant	Wisconsin	6253	P33					Y
Germantown Power Plant	Wisconsin	6253	P34					Y
Germantown Power Plant	Wisconsin	6253	P35					Y
Germantown Power Plant	Wisconsin	6253	P36					Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Concord	Wisconsin	7159	**2	Y		Y		
Concord	Wisconsin	7159	**3	Y		Y		
Concord	Wisconsin	7159	**4	Y		Y		
DTE Stoneman, LLC	Wisconsin	4146	B1	Y		Y		
DTE Stoneman, LLC	Wisconsin	4146	B2	Y		Y		
Depere Energy Center	Wisconsin	55029	B01	Y		Y		
Edgewater (4050)	Wisconsin	4050	3	Y		Y		
Edgewater (4050)	Wisconsin	4050	4	Y		Y		
Edgewater (4050)	Wisconsin	4050	5	Y		Y		
Elk Mound Generating Station	Wisconsin	7863	1	Y		Y		
Elk Mound Generating Station	Wisconsin	7863	2	Y		Y		
Elm Road Generating Station	Wisconsin	56068	1	Y		Y		
Fitchburg Generating Station	Wisconsin	3991	1	Y		Y		Y
Fitchburg Generating Station	Wisconsin	3991	2	Y		Y		Y
Fox Energy Company LLC	Wisconsin	56031	CTG-1	Y		Y		
Fox Energy Company LLC	Wisconsin	56031	CTG-2	Y		Y		
French Island	Wisconsin	4005	3	Y		Y		
French Island	Wisconsin	4005	4	Y		Y		
Genoa	Wisconsin	4143	1	Y		Y		
Germantown Power Plant	Wisconsin	6253	**5	Y		Y		
Germantown Power Plant	Wisconsin	6253	P30	Y		Y		
Germantown Power Plant	Wisconsin	6253	P31	Y		Y		
Germantown Power Plant	Wisconsin	6253	P32	Y		Y		
Germantown Power Plant	Wisconsin	6253	P33	Y		Y		
Germantown Power Plant	Wisconsin	6253	P34	Y		Y		
Germantown Power Plant	Wisconsin	6253	P35	Y		Y		
Germantown Power Plant	Wisconsin	6253	P36	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Germantown Power Plant	Wisconsin	6253	P37	90237			33,573	16,658	8,938
Island Street Peaking Plant	Wisconsin	55836	1A	89407	131,978	213,693	198,215	84,321	123,599
Island Street Peaking Plant	Wisconsin	55836	1B	89408	135,315	219,146	198,028	85,141	127,400
J P Madgett	Wisconsin	4271	B1	2653	26,440,206	26,622,593	29,044,972	27,983,031	23,534,902
Manitowoc	Wisconsin	4125	6	2619	672,016	642,173	597,913	216,447	1,752
Manitowoc	Wisconsin	4125	7	2620	849,819	596,426	533,608	40,232	
Manitowoc	Wisconsin	4125	8	2621	1,586,869	1,597,105	1,612,154	598,280	558,831
Manitowoc	Wisconsin	4125	9	2622	3,509,391	4,298,535	4,267,509	3,452,392	3,460,366
Neenah Energy Facility	Wisconsin	55135	CT01	3973	675,385	439,074	105,753	158,450	115,578
Neenah Energy Facility	Wisconsin	55135	CT02	3974	694,298	772,686	213,267	91,391	37,822
Nelson Dewey	Wisconsin	4054	1	2601	8,507,558	7,133,420	6,362,650	6,881,138	7,519,816
Nelson Dewey	Wisconsin	4054	2	2602	8,742,215	9,290,406	8,955,446	7,202,516	7,170,004
Paris	Wisconsin	7270	**1	3066	152,789	354,377	136,907	48,407	29,140
Paris	Wisconsin	7270	**2	3067	229,122	194,810	219,799	179,149	187,718
Paris	Wisconsin	7270	**3	3068	224,300	415,044	119,169	136,005	169,098
Paris	Wisconsin	7270	**4	3069	314,785	481,908	109,052	60,982	37,286
Pleasant Prairie	Wisconsin	6170	1	2821	40,329,387	50,518,063	42,612,818	49,983,507	39,092,111
Pleasant Prairie	Wisconsin	6170	2	2822	48,198,333	42,035,136	47,651,080	35,383,158	45,662,687
Port Washington Generating Station	Wisconsin	4040	11	89429			1,476,364	3,418,768	5,420,938
Port Washington Generating Station	Wisconsin	4040	12	89430			1,576,777	3,274,999	5,387,072
Port Washington Generating Station	Wisconsin	4040	21	89431	4,505,055	6,780,873	5,011,807	5,199,119	4,574,792
Port Washington Generating Station	Wisconsin	4040	22	89432	4,347,603	6,801,081	5,145,185	5,223,064	4,926,279
Pulliam	Wisconsin	4072	32	9282	507,433	770,704	460,498	38,622	206,342
Pulliam	Wisconsin	4072	5	2607	3,871,430	3,854,941	3,656,898	2,064,547	1,815,698
Pulliam	Wisconsin	4072	6	2608	5,543,979	6,017,753	4,828,712	2,213,741	3,048,141
Pulliam	Wisconsin	4072	7	2609	6,127,094	6,764,138	6,054,227	3,786,607	4,845,881
Pulliam	Wisconsin	4072	8	2610	10,456,019	7,544,761	9,747,850	8,699,610	9,453,149

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Germantown Power Plant	Wisconsin	6253	P37	19,723	555,545,264	0.000036	76,301	45,968
Island Street Peaking Plant	Wisconsin	55836	1A	181,296	555,545,264	0.000326	76,301	45,968
Island Street Peaking Plant	Wisconsin	55836	1B	184,163	555,545,264	0.000331	76,301	45,968
J P Madgett	Wisconsin	4271	B1	27,883,532	555,545,264	0.050191	76,301	45,968
Manitowoc	Wisconsin	4125	6	637,367	555,545,264	0.001147	76,301	45,968
Manitowoc	Wisconsin	4125	7	659,951	555,545,264	0.001188	76,301	45,968
Manitowoc	Wisconsin	4125	8	1,598,709	555,545,264	0.002878	76,301	45,968
Manitowoc	Wisconsin	4125	9	4,025,145	555,545,264	0.007245	76,301	45,968
Neenah Energy Facility	Wisconsin	55135	CT01	424,303	555,545,264	0.000764	76,301	45,968
Neenah Energy Facility	Wisconsin	55135	CT02	560,084	555,545,264	0.001008	76,301	45,968
Nelson Dewey	Wisconsin	4054	1	7,720,265	555,545,264	0.013897	76,301	45,968
Nelson Dewey	Wisconsin	4054	2	8,996,022	555,545,264	0.016193	76,301	45,968
Paris	Wisconsin	7270	**1	214,691	555,545,264	0.000386	76,301	45,968
Paris	Wisconsin	7270	**2	214,577	555,545,264	0.000386	76,301	45,968
Paris	Wisconsin	7270	**3	269,481	555,545,264	0.000485	76,301	45,968
Paris	Wisconsin	7270	**4	301,915	555,545,264	0.000543	76,301	45,968
Pleasant Prairie	Wisconsin	6170	1	47,704,796	555,545,264	0.085870	76,301	45,968
Pleasant Prairie	Wisconsin	6170	2	47,170,700	555,545,264	0.084909	76,301	45,968
Port Washington Generating Station	Wisconsin	4040	11	3,438,690	555,545,264	0.006190	76,301	45,968
Port Washington Generating Station	Wisconsin	4040	12	3,412,949	555,545,264	0.006143	76,301	45,968
Port Washington Generating Station	Wisconsin	4040	21	5,663,933	555,545,264	0.010195	76,301	45,968
Port Washington Generating Station	Wisconsin	4040	22	5,723,110	555,545,264	0.010302	76,301	45,968
Pulliam	Wisconsin	4072	32	579,545	555,545,264	0.001043	76,301	45,968
Pulliam	Wisconsin	4072	5	3,794,423	555,545,264	0.006830	76,301	45,968
Pulliam	Wisconsin	4072	6	5,463,481	555,545,264	0.009834	76,301	45,968
Pulliam	Wisconsin	4072	7	6,315,153	555,545,264	0.011367	76,301	45,968
Pulliam	Wisconsin	4072	8	9,885,673	555,545,264	0.017795	76,301	45,968

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Germantown Power Plant	Wisconsin	6253	P37	32,055	30,899	3	2	1	1
Island Street Peaking Plant	Wisconsin	55836	1A	32,055	30,899	25	15	10	10
Island Street Peaking Plant	Wisconsin	55836	1B	32,055	30,899	25	15	11	10
J P Madgett	Wisconsin	4271	B1	32,055	30,899	3,830	2,307	1,609	1,551
Manitowoc	Wisconsin	4125	6	32,055	30,899	88	53	37	35
Manitowoc	Wisconsin	4125	7	32,055	30,899	91	55	38	37
Manitowoc	Wisconsin	4125	8	32,055	30,899	220	132	92	89
Manitowoc	Wisconsin	4125	9	32,055	30,899	553	333	232	224
Neenah Energy Facility	Wisconsin	55135	CT01	32,055	30,899	58	35	24	24
Neenah Energy Facility	Wisconsin	55135	CT02	32,055	30,899	77	46	32	31
Nelson Dewey	Wisconsin	4054	1	32,055	30,899	1,060	639	445	429
Nelson Dewey	Wisconsin	4054	2	32,055	30,899	1,236	744	519	500
Paris	Wisconsin	7270	**1	32,055	30,899	29	18	12	12
Paris	Wisconsin	7270	**2	32,055	30,899	29	18	12	12
Paris	Wisconsin	7270	**3	32,055	30,899	37	22	16	15
Paris	Wisconsin	7270	**4	32,055	30,899	41	25	17	17
Pleasant Prairie	Wisconsin	6170	1	32,055	30,899	6,552	3,947	2,753	2,653
Pleasant Prairie	Wisconsin	6170	2	32,055	30,899	6,479	3,903	2,722	2,624
Port Washington Generating Station	Wisconsin	4040	11	32,055	30,899	472	285	198	191
Port Washington Generating Station	Wisconsin	4040	12	32,055	30,899	469	282	197	190
Port Washington Generating Station	Wisconsin	4040	21	32,055	30,899	778	469	327	315
Port Washington Generating Station	Wisconsin	4040	22	32,055	30,899	786	474	330	318
Pulliam	Wisconsin	4072	32	32,055	30,899	80	48	33	32
Pulliam	Wisconsin	4072	5	32,055	30,899	521	314	219	211
Pulliam	Wisconsin	4072	6	32,055	30,899	750	452	315	304
Pulliam	Wisconsin	4072	7	32,055	30,899	867	523	364	351
Pulliam	Wisconsin	4072	8	32,055	30,899	1,358	818	570	550

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Germantown Power Plant	Wisconsin	6253	P37						
Island Street Peaking Plant	Wisconsin	55836	1A		0	0	0	0	0
Island Street Peaking Plant	Wisconsin	55836	1B		0	0	0	0	0
J P Madgett	Wisconsin	4271	B1	5,777	4,687	7,764	7,807	8,039	9,108
Manitowoc	Wisconsin	4125	6	790	795	750	500	401	290
Manitowoc	Wisconsin	4125	7	917	780	782	598	328	267
Manitowoc	Wisconsin	4125	8	1,293	1,192	1,153	979	776	590
Manitowoc	Wisconsin	4125	9				471	599	551
Neenah Energy Facility	Wisconsin	55135	CT01	1	0	1	0	0	0
Neenah Energy Facility	Wisconsin	55135	CT02	1	0	1	0	1	0
Nelson Dewey	Wisconsin	4054	1	6,966	8,463	7,390	7,150	6,680	5,657
Nelson Dewey	Wisconsin	4054	2	7,588	8,732	7,609	7,436	8,383	7,871
Paris	Wisconsin	7270	**1	0	0	0	0	1	0
Paris	Wisconsin	7270	**2	0	0	0	0	0	0
Paris	Wisconsin	7270	**3	0	0	0	0	0	0
Paris	Wisconsin	7270	**4	0	0	0	0	0	0
Pleasant Prairie	Wisconsin	6170	1	16,052	17,285	15,470	12,741	510	449
Pleasant Prairie	Wisconsin	6170	2	17,533	16,423	18,186	15,825	1,719	643
Port Washington Generating Station	Wisconsin	4040	11						0
Port Washington Generating Station	Wisconsin	4040	12						0
Port Washington Generating Station	Wisconsin	4040	21			1	1	2	2
Port Washington Generating Station	Wisconsin	4040	22			1	1	2	2
Pulliam	Wisconsin	4072	32	0	0	0	0	0	1
Pulliam	Wisconsin	4072	5	1,040	936	1,582	1,454	1,440	1,270
Pulliam	Wisconsin	4072	6	1,496	1,016	2,166	2,098	2,242	1,683
Pulliam	Wisconsin	4072	7	1,271	1,526	2,593	2,319	2,594	2,130
Pulliam	Wisconsin	4072	8	2,269	2,385	4,308	3,913	2,776	3,362

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Germantown Power Plant	Wisconsin	6253	P37	0	0	0			
Island Street Peaking Plant	Wisconsin	55836	1A	0	0	0			
Island Street Peaking Plant	Wisconsin	55836	1B	0	0	0			
J P Madgett	Wisconsin	4271	B1	10,032	4,976	10,032			
Manitowoc	Wisconsin	4125	6	109	2	795			
Manitowoc	Wisconsin	4125	7	19		917			
Manitowoc	Wisconsin	4125	8	208	133	1,293			
Manitowoc	Wisconsin	4125	9	450	451	599			
Neenah Energy Facility	Wisconsin	55135	CT01	0	0	1			
Neenah Energy Facility	Wisconsin	55135	CT02	0	0	1			
Nelson Dewey	Wisconsin	4054	1	6,163	6,879	8,463			
Nelson Dewey	Wisconsin	4054	2	6,483	6,571	8,732			
Paris	Wisconsin	7270	**1	0	0	1			
Paris	Wisconsin	7270	**2	0	0	0			
Paris	Wisconsin	7270	**3	0	0	0			
Paris	Wisconsin	7270	**4	0	0	0			
Pleasant Prairie	Wisconsin	6170	1	488	478	17,285			
Pleasant Prairie	Wisconsin	6170	2	500	716	18,186			
Port Washington Generating Station	Wisconsin	4040	11	1	2	2			
Port Washington Generating Station	Wisconsin	4040	12	1	2	2			
Port Washington Generating Station	Wisconsin	4040	21	2	1	2			
Port Washington Generating Station	Wisconsin	4040	22	2	1	2			
Pulliam	Wisconsin	4072	32	0	0	1			
Pulliam	Wisconsin	4072	5	526	516	1,582			
Pulliam	Wisconsin	4072	6	581	875	2,242			
Pulliam	Wisconsin	4072	7	1,042	1,427	2,594			
Pulliam	Wisconsin	4072	8	2,237	2,697	4,308			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Germantown Power Plant	Wisconsin	6253	P37						
Island Street Peaking Plant	Wisconsin	55836	1A					0	8
Island Street Peaking Plant	Wisconsin	55836	1B					0	8
J P Madgett	Wisconsin	4271	B1				4,644	3,916	4,601
Manitowoc	Wisconsin	4125	6				177	176	178
Manitowoc	Wisconsin	4125	7				199	171	184
Manitowoc	Wisconsin	4125	8				272	247	257
Manitowoc	Wisconsin	4125	9						
Neenah Energy Facility	Wisconsin	55135	CT01				16	7	45
Neenah Energy Facility	Wisconsin	55135	CT02				19	4	43
Nelson Dewey	Wisconsin	4054	1				1,976	2,286	1,510
Nelson Dewey	Wisconsin	4054	2				2,305	2,297	1,519
Paris	Wisconsin	7270	**1				11	5	25
Paris	Wisconsin	7270	**2				8	3	18
Paris	Wisconsin	7270	**3				10	5	24
Paris	Wisconsin	7270	**4				8	5	22
Pleasant Prairie	Wisconsin	6170	1				8,192	6,818	5,668
Pleasant Prairie	Wisconsin	6170	2				8,277	5,316	5,645
Port Washington Generating Station	Wisconsin	4040	11						
Port Washington Generating Station	Wisconsin	4040	12						
Port Washington Generating Station	Wisconsin	4040	21						17
Port Washington Generating Station	Wisconsin	4040	22						17
Pulliam	Wisconsin	4072	32				2	12	20
Pulliam	Wisconsin	4072	5				1,765	1,722	1,940
Pulliam	Wisconsin	4072	6				2,506	1,894	2,454
Pulliam	Wisconsin	4072	7				1,027	1,217	1,422
Pulliam	Wisconsin	4072	8				1,411	1,607	1,912

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Germantown Power Plant	Wisconsin	6253	P37			20	10	5	20
Island Street Peaking Plant	Wisconsin	55836	1A	5	8	8	4	5	8
Island Street Peaking Plant	Wisconsin	55836	1B	5	9	8	4	6	9
J P Madgett	Wisconsin	4271	B1	4,330	4,266	3,893	3,636	2,897	4,644
Manitowoc	Wisconsin	4125	6	120	105	74	29	1	178
Manitowoc	Wisconsin	4125	7	137	92	70	5		199
Manitowoc	Wisconsin	4125	8	215	205	147	51	26	272
Manitowoc	Wisconsin	4125	9	88	187	266	132	173	266
Neenah Energy Facility	Wisconsin	55135	CT01	12	8	2	3	2	45
Neenah Energy Facility	Wisconsin	55135	CT02	12	13	4	2	1	43
Nelson Dewey	Wisconsin	4054	1	1,408	1,276	1,096	1,162	1,581	2,286
Nelson Dewey	Wisconsin	4054	2	1,440	1,661	1,491	1,220	1,500	2,305
Paris	Wisconsin	7270	**1	6	16	5	2	1	25
Paris	Wisconsin	7270	**2	7	7	7	5	7	18
Paris	Wisconsin	7270	**3	8	15	4	5	6	24
Paris	Wisconsin	7270	**4	13	18	3	2	1	22
Pleasant Prairie	Wisconsin	6170	1	4,702	1,205	1,299	1,515	1,243	8,192
Pleasant Prairie	Wisconsin	6170	2	4,027	1,345	1,553	1,090	1,462	8,277
Port Washington Generating Station	Wisconsin	4040	11			17	23	34	34
Port Washington Generating Station	Wisconsin	4040	12			17	21	31	31
Port Washington Generating Station	Wisconsin	4040	21	37	50	37	32	27	50
Port Washington Generating Station	Wisconsin	4040	22	37	49	41	36	31	49
Pulliam	Wisconsin	4072	32	7	11	10	1	3	20
Pulliam	Wisconsin	4072	5	1,839	1,694	1,549	670	421	1,940
Pulliam	Wisconsin	4072	6	2,671	2,670	2,064	631	577	2,671
Pulliam	Wisconsin	4072	7	1,169	1,301	1,343	599	602	1,422
Pulliam	Wisconsin	4072	8	1,405	1,115	1,625	1,484	1,101	1,912

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Germantown Power Plant	Wisconsin	6253	P37						
Island Street Peaking Plant	Wisconsin	55836	1A						
Island Street Peaking Plant	Wisconsin	55836	1B						
J P Madgett	Wisconsin	4271	B1						
Manitowoc	Wisconsin	4125	6						
Manitowoc	Wisconsin	4125	7						
Manitowoc	Wisconsin	4125	8						
Manitowoc	Wisconsin	4125	9						
Neenah Energy Facility	Wisconsin	55135	CT01						
Neenah Energy Facility	Wisconsin	55135	CT02						
Nelson Dewey	Wisconsin	4054	1						
Nelson Dewey	Wisconsin	4054	2						
Paris	Wisconsin	7270	**1						
Paris	Wisconsin	7270	**2						
Paris	Wisconsin	7270	**3						
Paris	Wisconsin	7270	**4						
Pleasant Prairie	Wisconsin	6170	1						
Pleasant Prairie	Wisconsin	6170	2						
Port Washington Generating Station	Wisconsin	4040	11						
Port Washington Generating Station	Wisconsin	4040	12						
Port Washington Generating Station	Wisconsin	4040	21						
Port Washington Generating Station	Wisconsin	4040	22						
Pulliam	Wisconsin	4072	32						
Pulliam	Wisconsin	4072	5						
Pulliam	Wisconsin	4072	6						
Pulliam	Wisconsin	4072	7						
Pulliam	Wisconsin	4072	8						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Germantown Power Plant	Wisconsin	6253	P37			0	0
Island Street Peaking Plant	Wisconsin	55836	1A			0	0
Island Street Peaking Plant	Wisconsin	55836	1B			0	0
J P Madgett	Wisconsin	4271	B1			2,693	2,693
Manitowoc	Wisconsin	4125	6			62	62
Manitowoc	Wisconsin	4125	7			64	64
Manitowoc	Wisconsin	4125	8			154	154
Manitowoc	Wisconsin	4125	9			389	389
Neenah Energy Facility	Wisconsin	55135	CT01			1	1
Neenah Energy Facility	Wisconsin	55135	CT02			1	1
Nelson Dewey	Wisconsin	4054	1			746	746
Nelson Dewey	Wisconsin	4054	2			869	869
Paris	Wisconsin	7270	**1			1	1
Paris	Wisconsin	7270	**2			0	0
Paris	Wisconsin	7270	**3			0	0
Paris	Wisconsin	7270	**4			0	0
Pleasant Prairie	Wisconsin	6170	1			4,607	4,607
Pleasant Prairie	Wisconsin	6170	2			4,556	4,556
Port Washington Generating Station	Wisconsin	4040	11			2	2
Port Washington Generating Station	Wisconsin	4040	12			2	2
Port Washington Generating Station	Wisconsin	4040	21			2	2
Port Washington Generating Station	Wisconsin	4040	22			2	2
Pulliam	Wisconsin	4072	32			1	1
Pulliam	Wisconsin	4072	5			366	366
Pulliam	Wisconsin	4072	6			528	528
Pulliam	Wisconsin	4072	7			610	610
Pulliam	Wisconsin	4072	8			955	955

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Germantown Power Plant	Wisconsin	6253	P37	0	0	1	1
Island Street Peaking Plant	Wisconsin	55836	1A	0	0	8	8
Island Street Peaking Plant	Wisconsin	55836	1B	0	0	9	9
J P Madgett	Wisconsin	4271	B1	2,693	2,693	1,788	1,788
Manitowoc	Wisconsin	4125	6	62	62	41	41
Manitowoc	Wisconsin	4125	7	64	64	42	42
Manitowoc	Wisconsin	4125	8	154	154	103	103
Manitowoc	Wisconsin	4125	9	389	389	258	258
Neenah Energy Facility	Wisconsin	55135	CT01	1	1	27	27
Neenah Energy Facility	Wisconsin	55135	CT02	1	1	36	36
Nelson Dewey	Wisconsin	4054	1	746	746	495	495
Nelson Dewey	Wisconsin	4054	2	869	869	577	577
Paris	Wisconsin	7270	**1	1	1	14	14
Paris	Wisconsin	7270	**2	0	0	14	14
Paris	Wisconsin	7270	**3	0	0	17	17
Paris	Wisconsin	7270	**4	0	0	19	19
Pleasant Prairie	Wisconsin	6170	1	4,607	4,607	3,059	3,059
Pleasant Prairie	Wisconsin	6170	2	4,556	4,556	3,025	3,025
Port Washington Generating Station	Wisconsin	4040	11	2	2	34	34
Port Washington Generating Station	Wisconsin	4040	12	2	2	31	31
Port Washington Generating Station	Wisconsin	4040	21	2	2	50	50
Port Washington Generating Station	Wisconsin	4040	22	2	2	49	49
Pulliam	Wisconsin	4072	32	1	1	20	20
Pulliam	Wisconsin	4072	5	366	366	243	243
Pulliam	Wisconsin	4072	6	528	528	350	350
Pulliam	Wisconsin	4072	7	610	610	405	405
Pulliam	Wisconsin	4072	8	955	955	634	634

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Germantown Power Plant	Wisconsin	6253	P37	1	1	1	1
Island Street Peaking Plant	Wisconsin	55836	1A	8	8	8	8
Island Street Peaking Plant	Wisconsin	55836	1B	9	9	9	9
J P Madgett	Wisconsin	4271	B1	1,719	1,719	1,719	1,719
Manitowoc	Wisconsin	4125	6	39	39	39	39
Manitowoc	Wisconsin	4125	7	41	41	41	41
Manitowoc	Wisconsin	4125	8	99	99	99	99
Manitowoc	Wisconsin	4125	9	248	248	248	248
Neenah Energy Facility	Wisconsin	55135	CT01	26	26	26	26
Neenah Energy Facility	Wisconsin	55135	CT02	35	35	35	35
Nelson Dewey	Wisconsin	4054	1	476	476	476	476
Nelson Dewey	Wisconsin	4054	2	555	555	555	555
Paris	Wisconsin	7270	**1	13	13	13	13
Paris	Wisconsin	7270	**2	13	13	13	13
Paris	Wisconsin	7270	**3	17	17	17	17
Paris	Wisconsin	7270	**4	19	19	19	19
Pleasant Prairie	Wisconsin	6170	1	2,942	2,942	2,942	2,942
Pleasant Prairie	Wisconsin	6170	2	2,909	2,909	2,909	2,909
Port Washington Generating Station	Wisconsin	4040	11	34	34	34	34
Port Washington Generating Station	Wisconsin	4040	12	31	31	31	31
Port Washington Generating Station	Wisconsin	4040	21	50	50	50	50
Port Washington Generating Station	Wisconsin	4040	22	49	49	49	49
Pulliam	Wisconsin	4072	32	20	20	20	20
Pulliam	Wisconsin	4072	5	234	234	234	234
Pulliam	Wisconsin	4072	6	337	337	337	337
Pulliam	Wisconsin	4072	7	389	389	389	389
Pulliam	Wisconsin	4072	8	610	610	610	610

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Germantown Power Plant	Wisconsin	6253	P37			19,175	4,063	4,469	9,236
Island Street Peaking Plant	Wisconsin	55836	1A	70,123	134,640	83,769	22,057	61,222	96,177
Island Street Peaking Plant	Wisconsin	55836	1B	74,781	135,342	82,047	22,332	64,630	97,390
J P Madgett	Wisconsin	4271	B1	10,508,676	11,674,404	11,447,157	10,926,631	9,906,243	11,349,398
Manitowoc	Wisconsin	4125	6	320,976	229,550	216,162	32,282		255,562
Manitowoc	Wisconsin	4125	7	460,434	250,020	183,139	13,965		297,865
Manitowoc	Wisconsin	4125	8	775,470	709,845	700,786	152,015	224,676	728,701
Manitowoc	Wisconsin	4125	9	1,814,943	1,909,396	1,844,288	1,450,289	1,570,451	1,856,209
Neenah Energy Facility	Wisconsin	55135	CT01	384,444	297,990	59,614	120,541	92,580	267,659
Neenah Energy Facility	Wisconsin	55135	CT02	364,998	402,077	123,630	77,634	14,994	296,902
Nelson Dewey	Wisconsin	4054	1	3,359,683	3,022,156	1,302,017	2,931,762	3,127,828	3,169,889
Nelson Dewey	Wisconsin	4054	2	3,934,264	3,661,462	3,551,393	2,355,193	3,157,266	3,715,706
Paris	Wisconsin	7270	**1	104,533	184,705	52,771	48,407	29,140	114,003
Paris	Wisconsin	7270	**2	134,312	101,199	113,759	129,903	140,292	134,836
Paris	Wisconsin	7270	**3	116,649	268,826	59,772	90,868	125,334	170,270
Paris	Wisconsin	7270	**4	134,303	329,605	91,386	60,982	37,286	185,098
Pleasant Prairie	Wisconsin	6170	1	18,845,308	22,726,027	19,037,681	21,296,662	21,849,488	21,957,393
Pleasant Prairie	Wisconsin	6170	2	20,999,653	23,178,080	18,550,403	14,657,687	17,737,339	20,909,379
Port Washington Generating Station	Wisconsin	4040	11			747,533	1,577,559	2,790,703	1,705,265
Port Washington Generating Station	Wisconsin	4040	12			781,051	1,548,853	2,718,283	1,682,729
Port Washington Generating Station	Wisconsin	4040	21	2,785,725	2,663,866	1,920,110	1,815,993	2,194,776	2,548,122
Port Washington Generating Station	Wisconsin	4040	22	2,780,489	2,608,967	1,952,067	1,796,008	2,204,194	2,531,217
Pulliam	Wisconsin	4072	32	242,185	325,614	201,588	23,852	151,344	256,462
Pulliam	Wisconsin	4072	5	1,665,292	1,637,899	1,608,672	859,009	512,126	1,637,288
Pulliam	Wisconsin	4072	6	2,406,612	2,556,919	1,859,022	843,081	1,373,853	2,274,185
Pulliam	Wisconsin	4072	7	2,432,130	2,781,136	2,803,108	1,191,981	2,020,656	2,672,124
Pulliam	Wisconsin	4072	8	4,140,188	3,390,872	4,163,756	3,810,939	3,900,029	4,067,991

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Germantown Power Plant	Wisconsin	6253	P37	249,555,499	0.000037	13,897	13,438	1	0
Island Street Peaking Plant	Wisconsin	55836	1A	249,555,499	0.000385	13,897	13,438	5	5
Island Street Peaking Plant	Wisconsin	55836	1B	249,555,499	0.000390	13,897	13,438	5	5
J P Madgett	Wisconsin	4271	B1	249,555,499	0.045478	13,897	13,438	632	611
Manitowoc	Wisconsin	4125	6	249,555,499	0.001024	13,897	13,438	14	14
Manitowoc	Wisconsin	4125	7	249,555,499	0.001194	13,897	13,438	17	16
Manitowoc	Wisconsin	4125	8	249,555,499	0.002920	13,897	13,438	41	39
Manitowoc	Wisconsin	4125	9	249,555,499	0.007438	13,897	13,438	103	100
Neenah Energy Facility	Wisconsin	55135	CT01	249,555,499	0.001073	13,897	13,438	15	14
Neenah Energy Facility	Wisconsin	55135	CT02	249,555,499	0.001190	13,897	13,438	17	16
Nelson Dewey	Wisconsin	4054	1	249,555,499	0.012702	13,897	13,438	177	171
Nelson Dewey	Wisconsin	4054	2	249,555,499	0.014889	13,897	13,438	207	200
Paris	Wisconsin	7270	**1	249,555,499	0.000457	13,897	13,438	6	6
Paris	Wisconsin	7270	**2	249,555,499	0.000540	13,897	13,438	8	7
Paris	Wisconsin	7270	**3	249,555,499	0.000682	13,897	13,438	9	9
Paris	Wisconsin	7270	**4	249,555,499	0.000742	13,897	13,438	10	10
Pleasant Prairie	Wisconsin	6170	1	249,555,499	0.087986	13,897	13,438	1,223	1,182
Pleasant Prairie	Wisconsin	6170	2	249,555,499	0.083786	13,897	13,438	1,164	1,126
Port Washington Generating Station	Wisconsin	4040	11	249,555,499	0.006833	13,897	13,438	95	92
Port Washington Generating Station	Wisconsin	4040	12	249,555,499	0.006743	13,897	13,438	94	91
Port Washington Generating Station	Wisconsin	4040	21	249,555,499	0.010211	13,897	13,438	142	137
Port Washington Generating Station	Wisconsin	4040	22	249,555,499	0.010143	13,897	13,438	141	136
Pulliam	Wisconsin	4072	32	249,555,499	0.001028	13,897	13,438	14	14
Pulliam	Wisconsin	4072	5	249,555,499	0.006561	13,897	13,438	91	88
Pulliam	Wisconsin	4072	6	249,555,499	0.009113	13,897	13,438	127	122
Pulliam	Wisconsin	4072	7	249,555,499	0.010708	13,897	13,438	149	144
Pulliam	Wisconsin	4072	8	249,555,499	0.016301	13,897	13,438	227	219

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Germantown Power Plant	Wisconsin	6253	P37						12
Island Street Peaking Plant	Wisconsin	55836	1A		0	6	3	5	3
Island Street Peaking Plant	Wisconsin	55836	1B		0	7	3	5	3
J P Madgett	Wisconsin	4271	B1	2,019	1,551	1,885	1,735	1,972	1,540
Manitowoc	Wisconsin	4125	6	81	74	74	55	35	24
Manitowoc	Wisconsin	4125	7	77	62	72	70	38	22
Manitowoc	Wisconsin	4125	8	114	104	118	109	88	60
Manitowoc	Wisconsin	4125	9				37	76	114
Neenah Energy Facility	Wisconsin	55135	CT01	6	4	29	7	5	1
Neenah Energy Facility	Wisconsin	55135	CT02	8	2	27	6	7	2
Nelson Dewey	Wisconsin	4054	1	989	899	544	508	499	233
Nelson Dewey	Wisconsin	4054	2	946	862	582	600	621	572
Paris	Wisconsin	7270	**1	8	4	19	4	8	2
Paris	Wisconsin	7270	**2	5	2	13	4	3	3
Paris	Wisconsin	7270	**3	6	4	16	4	10	2
Paris	Wisconsin	7270	**4	5	4	14	5	13	3
Pleasant Prairie	Wisconsin	6170	1	2,430	2,298	3,012	2,054	509	607
Pleasant Prairie	Wisconsin	6170	2	2,130	2,169	2,547	2,010	678	575
Port Washington Generating Station	Wisconsin	4040	11						9
Port Washington Generating Station	Wisconsin	4040	12						9
Port Washington Generating Station	Wisconsin	4040	21			12	22	23	16
Port Washington Generating Station	Wisconsin	4040	22			11	21	22	19
Pulliam	Wisconsin	4072	32	1	4	14	3	4	4
Pulliam	Wisconsin	4072	5	714	699	789	818	742	686
Pulliam	Wisconsin	4072	6	989	875	1,265	1,187	1,175	797
Pulliam	Wisconsin	4072	7	599	572	599	472	535	643
Pulliam	Wisconsin	4072	8	562	636	691	508	514	692

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Germantown Power Plant	Wisconsin	6253	P37	2	3	12			
Island Street Peaking Plant	Wisconsin	55836	1A	1	3	6			
Island Street Peaking Plant	Wisconsin	55836	1B	1	3	7			
J P Madgett	Wisconsin	4271	B1	1,391	1,253	2,019			
Manitowoc	Wisconsin	4125	6	3		81			
Manitowoc	Wisconsin	4125	7	2		77			
Manitowoc	Wisconsin	4125	8	9	10	118			
Manitowoc	Wisconsin	4125	9	36	71	114			
Neenah Energy Facility	Wisconsin	55135	CT01	2	2	29			
Neenah Energy Facility	Wisconsin	55135	CT02	1	0	27			
Nelson Dewey	Wisconsin	4054	1	490	639	989			
Nelson Dewey	Wisconsin	4054	2	398	649	946			
Paris	Wisconsin	7270	**1	2	1	19			
Paris	Wisconsin	7270	**2	4	5	13			
Paris	Wisconsin	7270	**3	3	5	16			
Paris	Wisconsin	7270	**4	2	1	14			
Pleasant Prairie	Wisconsin	6170	1	639	687	3,012			
Pleasant Prairie	Wisconsin	6170	2	438	568	2,547			
Port Washington Generating Station	Wisconsin	4040	11	11	18	18			
Port Washington Generating Station	Wisconsin	4040	12	10	15	15			
Port Washington Generating Station	Wisconsin	4040	21	12	14	23			
Port Washington Generating Station	Wisconsin	4040	22	14	14	22			
Pulliam	Wisconsin	4072	32	0	2	14			
Pulliam	Wisconsin	4072	5	254	81	818			
Pulliam	Wisconsin	4072	6	180	200	1,265			
Pulliam	Wisconsin	4072	7	163	258	643			
Pulliam	Wisconsin	4072	8	632	458	692			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Germantown Power Plant	Wisconsin	6253	P37					
Island Street Peaking Plant	Wisconsin	55836	1A					
Island Street Peaking Plant	Wisconsin	55836	1B					
J P Madgett	Wisconsin	4271	B1					
Manitowoc	Wisconsin	4125	6					
Manitowoc	Wisconsin	4125	7					
Manitowoc	Wisconsin	4125	8					
Manitowoc	Wisconsin	4125	9					
Neenah Energy Facility	Wisconsin	55135	CT01					
Neenah Energy Facility	Wisconsin	55135	CT02					
Nelson Dewey	Wisconsin	4054	1					
Nelson Dewey	Wisconsin	4054	2					
Paris	Wisconsin	7270	**1					
Paris	Wisconsin	7270	**2					
Paris	Wisconsin	7270	**3					
Paris	Wisconsin	7270	**4					
Pleasant Prairie	Wisconsin	6170	1					
Pleasant Prairie	Wisconsin	6170	2					
Port Washington Generating Station	Wisconsin	4040	11					
Port Washington Generating Station	Wisconsin	4040	12					
Port Washington Generating Station	Wisconsin	4040	21					
Port Washington Generating Station	Wisconsin	4040	22					
Pulliam	Wisconsin	4072	32					
Pulliam	Wisconsin	4072	5					
Pulliam	Wisconsin	4072	6					
Pulliam	Wisconsin	4072	7					
Pulliam	Wisconsin	4072	8					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Germantown Power Plant	Wisconsin	6253	P37					Y
Island Street Peaking Plant	Wisconsin	55836	1A					Y
Island Street Peaking Plant	Wisconsin	55836	1B					Y
J P Madgett	Wisconsin	4271	B1					Y
Manitowoc	Wisconsin	4125	6					Y
Manitowoc	Wisconsin	4125	7					Y
Manitowoc	Wisconsin	4125	8					Y
Manitowoc	Wisconsin	4125	9					Y
Neenah Energy Facility	Wisconsin	55135	CT01					Y
Neenah Energy Facility	Wisconsin	55135	CT02					Y
Nelson Dewey	Wisconsin	4054	1					Y
Nelson Dewey	Wisconsin	4054	2					Y
Paris	Wisconsin	7270	**1					Y
Paris	Wisconsin	7270	**2					Y
Paris	Wisconsin	7270	**3					Y
Paris	Wisconsin	7270	**4					Y
Pleasant Prairie	Wisconsin	6170	1					Y
Pleasant Prairie	Wisconsin	6170	2					Y
Port Washington Generating Station	Wisconsin	4040	11					Y
Port Washington Generating Station	Wisconsin	4040	12					Y
Port Washington Generating Station	Wisconsin	4040	21					Y
Port Washington Generating Station	Wisconsin	4040	22					Y
Pulliam	Wisconsin	4072	32					Y
Pulliam	Wisconsin	4072	5					Y
Pulliam	Wisconsin	4072	6					Y
Pulliam	Wisconsin	4072	7					Y
Pulliam	Wisconsin	4072	8					Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Germantown Power Plant	Wisconsin	6253	P37	Y		Y		
Island Street Peaking Plant	Wisconsin	55836	1A	Y		Y		
Island Street Peaking Plant	Wisconsin	55836	1B	Y		Y		
J P Madgett	Wisconsin	4271	B1	Y		Y		
Manitowoc	Wisconsin	4125	6	Y		Y		
Manitowoc	Wisconsin	4125	7	Y		Y		
Manitowoc	Wisconsin	4125	8	Y		Y		
Manitowoc	Wisconsin	4125	9	Y		Y		
Neenah Energy Facility	Wisconsin	55135	CT01	Y		Y		
Neenah Energy Facility	Wisconsin	55135	CT02	Y		Y		
Nelson Dewey	Wisconsin	4054	1	Y		Y		
Nelson Dewey	Wisconsin	4054	2	Y		Y		
Paris	Wisconsin	7270	**1	Y		Y		
Paris	Wisconsin	7270	**2	Y		Y		
Paris	Wisconsin	7270	**3	Y		Y		
Paris	Wisconsin	7270	**4	Y		Y		
Pleasant Prairie	Wisconsin	6170	1	Y		Y		
Pleasant Prairie	Wisconsin	6170	2	Y		Y		
Port Washington Generating Station	Wisconsin	4040	11	Y		Y		
Port Washington Generating Station	Wisconsin	4040	12	Y		Y		
Port Washington Generating Station	Wisconsin	4040	21	Y		Y		
Port Washington Generating Station	Wisconsin	4040	22	Y		Y		
Pulliam	Wisconsin	4072	32	Y		Y		
Pulliam	Wisconsin	4072	5	Y		Y		
Pulliam	Wisconsin	4072	6	Y		Y		
Pulliam	Wisconsin	4072	7	Y		Y		
Pulliam	Wisconsin	4072	8	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Riverside Energy Center	Wisconsin	55641	CT-01	8684	3,522,096	5,143,672	3,454,860	2,990,172	2,320,860
Riverside Energy Center	Wisconsin	55641	CT-02	8686	4,474,369	4,747,609	3,520,809	4,112,673	2,752,906
Rock River	Wisconsin	4057	1	2603	177,841	163,663	43,524		
Rock River	Wisconsin	4057	2	2604	318,798	323,495	46,388		
Rock River	Wisconsin	4057	CT3	89996			40,468	6,565	7,308
Rock River	Wisconsin	4057	CT5A	90249			94,976	35,261	3,718
Rock River	Wisconsin	4057	CT5B	90250			98,627	35,229	3,392
Rock River	Wisconsin	4057	CT6A	90251			75,508	35,655	2,707
Rock River	Wisconsin	4057	CT6B	90252			75,638	33,911	2,709
Rockgen Energy Center	Wisconsin	55391	CT-1	4652	478,996	330,905	315,717	521,059	656,244
Rockgen Energy Center	Wisconsin	55391	CT-2	4653	654,210	421,302	264,582	251,931	669,231
Rockgen Energy Center	Wisconsin	55391	CT-3	4654	674,744	326,519	319,672	943,605	552,330
Sheboygan Falls Energy Facility	Wisconsin	56166	1	89520	269,424	220,068	78,080	34,215	224,969
Sheboygan Falls Energy Facility	Wisconsin	56166	2	89521	244,029	202,513	71,457	11,231	105,811
Sheepskin	Wisconsin	4059	CT1A	89984			23,275	15,915	24,263
Sheepskin	Wisconsin	4059	CT1B	89985			23,577	16,072	24,504
South Fond Du Lac	Wisconsin	7203	**CT1	2999	195,634	252,223	120,011	14,709	29,189
South Fond Du Lac	Wisconsin	7203	**CT2	3000	206,071	312,770	158,905	21,895	33,698
South Fond Du Lac	Wisconsin	7203	**CT3	3001	203,761	277,351	122,319	12,545	44,599
South Fond Du Lac	Wisconsin	7203	**CT4	3002	189,207	248,131	113,408	13,761	43,550
South Oak Creek	Wisconsin	4041	5	2590	12,010,247	17,720,601	15,202,037	14,106,283	9,265,978
South Oak Creek	Wisconsin	4041	6	2591	14,724,757	12,719,611	13,942,317	7,091,961	13,374,636
South Oak Creek	Wisconsin	4041	7	2592	19,658,030	17,172,683	18,197,576	10,224,154	16,621,841
South Oak Creek	Wisconsin	4041	8	2593	17,016,467	16,529,236	17,756,191	17,064,588	14,604,495
Valley (WEPCO)	Wisconsin	4042	1	2594	4,416,995	5,049,397	4,241,688	3,562,754	2,636,159
Valley (WEPCO)	Wisconsin	4042	2	2595	4,497,790	4,992,070	4,190,177	3,772,670	2,416,114
Valley (WEPCO)	Wisconsin	4042	3	2596	4,892,137	4,155,794	4,584,340	3,123,891	3,912,177

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Riverside Energy Center	Wisconsin	55641	CT-01	4,040,210	555,545,264	0.007273	76,301	45,968
Riverside Energy Center	Wisconsin	55641	CT-02	4,444,883	555,545,264	0.008001	76,301	45,968
Rock River	Wisconsin	4057	1	128,342	555,545,264	0.000231	76,301	45,968
Rock River	Wisconsin	4057	2	229,561	555,545,264	0.000413	76,301	45,968
Rock River	Wisconsin	4057	CT3	18,113	555,545,264	0.000033	76,301	45,968
Rock River	Wisconsin	4057	CT5A	44,652	555,545,264	0.000080	76,301	45,968
Rock River	Wisconsin	4057	CT5B	45,749	555,545,264	0.000082	76,301	45,968
Rock River	Wisconsin	4057	CT6A	37,957	555,545,264	0.000068	76,301	45,968
Rock River	Wisconsin	4057	CT6B	37,419	555,545,264	0.000067	76,301	45,968
Rockgen Energy Center	Wisconsin	55391	CT-1	552,100	555,545,264	0.000994	76,301	45,968
Rockgen Energy Center	Wisconsin	55391	CT-2	581,581	555,545,264	0.001047	76,301	45,968
Rockgen Energy Center	Wisconsin	55391	CT-3	723,560	555,545,264	0.001302	76,301	45,968
Sheboygan Falls Energy Facility	Wisconsin	56166	1	238,153	555,545,264	0.000429	76,301	45,968
Sheboygan Falls Energy Facility	Wisconsin	56166	2	184,118	555,545,264	0.000331	76,301	45,968
Sheepskin	Wisconsin	4059	CT1A	21,151	555,545,264	0.000038	76,301	45,968
Sheepskin	Wisconsin	4059	CT1B	21,385	555,545,264	0.000038	76,301	45,968
South Fond Du Lac	Wisconsin	7203	**CT1	189,289	555,545,264	0.000341	76,301	45,968
South Fond Du Lac	Wisconsin	7203	**CT2	225,915	555,545,264	0.000407	76,301	45,968
South Fond Du Lac	Wisconsin	7203	**CT3	201,144	555,545,264	0.000362	76,301	45,968
South Fond Du Lac	Wisconsin	7203	**CT4	183,582	555,545,264	0.000330	76,301	45,968
South Oak Creek	Wisconsin	4041	5	15,676,307	555,545,264	0.028218	76,301	45,968
South Oak Creek	Wisconsin	4041	6	14,013,903	555,545,264	0.025225	76,301	45,968
South Oak Creek	Wisconsin	4041	7	18,342,763	555,545,264	0.033018	76,301	45,968
South Oak Creek	Wisconsin	4041	8	17,279,082	555,545,264	0.031103	76,301	45,968
Valley (WEPCO)	Wisconsin	4042	1	4,569,360	555,545,264	0.008225	76,301	45,968
Valley (WEPCO)	Wisconsin	4042	2	4,560,012	555,545,264	0.008208	76,301	45,968
Valley (WEPCO)	Wisconsin	4042	3	4,544,090	555,545,264	0.008180	76,301	45,968

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Riverside Energy Center	Wisconsin	55641	CT-01	32,055	30,899	555	334	233	225
Riverside Energy Center	Wisconsin	55641	CT-02	32,055	30,899	610	368	256	247
Rock River	Wisconsin	4057	1	32,055	30,899	18	11	7	7
Rock River	Wisconsin	4057	2	32,055	30,899	32	19	13	13
Rock River	Wisconsin	4057	CT3	32,055	30,899	2	1	1	1
Rock River	Wisconsin	4057	CT5A	32,055	30,899	6	4	3	2
Rock River	Wisconsin	4057	CT5B	32,055	30,899	6	4	3	3
Rock River	Wisconsin	4057	CT6A	32,055	30,899	5	3	2	2
Rock River	Wisconsin	4057	CT6B	32,055	30,899	5	3	2	2
Rockgen Energy Center	Wisconsin	55391	CT-1	32,055	30,899	76	46	32	31
Rockgen Energy Center	Wisconsin	55391	CT-2	32,055	30,899	80	48	34	32
Rockgen Energy Center	Wisconsin	55391	CT-3	32,055	30,899	99	60	42	40
Sheboygan Falls Energy Facility	Wisconsin	56166	1	32,055	30,899	33	20	14	13
Sheboygan Falls Energy Facility	Wisconsin	56166	2	32,055	30,899	25	15	11	10
Sheepskin	Wisconsin	4059	CT1A	32,055	30,899	3	2	1	1
Sheepskin	Wisconsin	4059	CT1B	32,055	30,899	3	2	1	1
South Fond Du Lac	Wisconsin	7203	**CT1	32,055	30,899	26	16	11	11
South Fond Du Lac	Wisconsin	7203	**CT2	32,055	30,899	31	19	13	13
South Fond Du Lac	Wisconsin	7203	**CT3	32,055	30,899	28	17	12	11
South Fond Du Lac	Wisconsin	7203	**CT4	32,055	30,899	25	15	11	10
South Oak Creek	Wisconsin	4041	5	32,055	30,899	2,153	1,297	905	872
South Oak Creek	Wisconsin	4041	6	32,055	30,899	1,925	1,160	809	779
South Oak Creek	Wisconsin	4041	7	32,055	30,899	2,519	1,518	1,058	1,020
South Oak Creek	Wisconsin	4041	8	32,055	30,899	2,373	1,430	997	961
Valley (WEPCO)	Wisconsin	4042	1	32,055	30,899	628	378	264	254
Valley (WEPCO)	Wisconsin	4042	2	32,055	30,899	626	377	263	254
Valley (WEPCO)	Wisconsin	4042	3	32,055	30,899	624	376	262	253

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Riverside Energy Center	Wisconsin	55641	CT-01		2	2	1	2	1
Riverside Energy Center	Wisconsin	55641	CT-02		3	2	1	1	1
Rock River	Wisconsin	4057	1	6	4	4	1	0	0
Rock River	Wisconsin	4057	2	4	4	4	1	1	0
Rock River	Wisconsin	4057	CT3						
Rock River	Wisconsin	4057	CT5A						
Rock River	Wisconsin	4057	CT5B						
Rock River	Wisconsin	4057	CT6A						
Rock River	Wisconsin	4057	CT6B						
Rockgen Energy Center	Wisconsin	55391	CT-1	1	1	0	0	0	0
Rockgen Energy Center	Wisconsin	55391	CT-2	2	2	0	0	0	0
Rockgen Energy Center	Wisconsin	55391	CT-3	2	2	0	0	0	0
Sheboygan Falls Energy Facility	Wisconsin	56166	1			0	0	0	0
Sheboygan Falls Energy Facility	Wisconsin	56166	2			0	0	0	0
Sheepskin	Wisconsin	4059	CT1A						
Sheepskin	Wisconsin	4059	CT1B						
South Fond Du Lac	Wisconsin	7203	**CT1	1	0	0	0	0	0
South Fond Du Lac	Wisconsin	7203	**CT2	0	0	0	0	0	0
South Fond Du Lac	Wisconsin	7203	**CT3	0	0	0	0	0	0
South Fond Du Lac	Wisconsin	7203	**CT4	0	0	0	0	0	0
South Oak Creek	Wisconsin	4041	5	3,034	3,241	3,213	2,490	3,691	3,370
South Oak Creek	Wisconsin	4041	6	2,701	3,350	2,666	3,078	2,637	3,037
South Oak Creek	Wisconsin	4041	7	3,793	4,589	3,700	4,307	3,768	4,090
South Oak Creek	Wisconsin	4041	8	3,766	4,585	3,323	3,719	3,596	3,975
Valley (WEPCO)	Wisconsin	4042	1	2,773	1,816	2,196	1,648	1,865	1,642
Valley (WEPCO)	Wisconsin	4042	2	2,679	1,707	2,244	1,673	1,846	1,627
Valley (WEPCO)	Wisconsin	4042	3	2,475	1,891	2,056	1,849	1,558	1,773

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Riverside Energy Center	Wisconsin	55641	CT-01	1	1	2			
Riverside Energy Center	Wisconsin	55641	CT-02	1	1	3			
Rock River	Wisconsin	4057	1			6			
Rock River	Wisconsin	4057	2			4			
Rock River	Wisconsin	4057	CT3	0	0	0			
Rock River	Wisconsin	4057	CT5A	1	0	1			
Rock River	Wisconsin	4057	CT5B	1	0	1			
Rock River	Wisconsin	4057	CT6A	1	0	1			
Rock River	Wisconsin	4057	CT6B	1	0	1			
Rockgen Energy Center	Wisconsin	55391	CT-1	0	0	1			
Rockgen Energy Center	Wisconsin	55391	CT-2	0	0	2			
Rockgen Energy Center	Wisconsin	55391	CT-3	0	0	2			
Sheboygan Falls Energy Facility	Wisconsin	56166	1	0	0	0			
Sheboygan Falls Energy Facility	Wisconsin	56166	2	0	0	0			
Sheepskin	Wisconsin	4059	CT1A	0	1	1			
Sheepskin	Wisconsin	4059	CT1B	0	1	1			
South Fond Du Lac	Wisconsin	7203	**CT1	0	0	1			
South Fond Du Lac	Wisconsin	7203	**CT2	0	0	0			
South Fond Du Lac	Wisconsin	7203	**CT3	0	0	0			
South Fond Du Lac	Wisconsin	7203	**CT4	0	0	0			
South Oak Creek	Wisconsin	4041	5	3,118	1,958	3,691			
South Oak Creek	Wisconsin	4041	6	1,509	2,816	3,350			
South Oak Creek	Wisconsin	4041	7	2,344	3,747	4,589			
South Oak Creek	Wisconsin	4041	8	3,898	3,259	4,585			
Valley (WEPCO)	Wisconsin	4042	1	1,387	999	2,773			
Valley (WEPCO)	Wisconsin	4042	2	1,470	916	2,679			
Valley (WEPCO)	Wisconsin	4042	3	1,214	1,497	2,475			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Riverside Energy Center	Wisconsin	55641	CT-01					14	31
Riverside Energy Center	Wisconsin	55641	CT-02					34	26
Rock River	Wisconsin	4057	1				351	219	137
Rock River	Wisconsin	4057	2				297	203	191
Rock River	Wisconsin	4057	CT3						
Rock River	Wisconsin	4057	CT5A						
Rock River	Wisconsin	4057	CT5B						
Rock River	Wisconsin	4057	CT6A						
Rock River	Wisconsin	4057	CT6B						
Rockgen Energy Center	Wisconsin	55391	CT-1				13	9	17
Rockgen Energy Center	Wisconsin	55391	CT-2				17	20	18
Rockgen Energy Center	Wisconsin	55391	CT-3				14	21	19
Sheboygan Falls Energy Facility	Wisconsin	56166	1						10
Sheboygan Falls Energy Facility	Wisconsin	56166	2						10
Sheepskin	Wisconsin	4059	CT1A						
Sheepskin	Wisconsin	4059	CT1B						
South Fond Du Lac	Wisconsin	7203	**CT1				29	4	23
South Fond Du Lac	Wisconsin	7203	**CT2				22	4	24
South Fond Du Lac	Wisconsin	7203	**CT3				15	7	21
South Fond Du Lac	Wisconsin	7203	**CT4				10	0	26
South Oak Creek	Wisconsin	4041	5				1,322	1,282	1,289
South Oak Creek	Wisconsin	4041	6				1,167	1,323	1,104
South Oak Creek	Wisconsin	4041	7				1,294	1,429	1,196
South Oak Creek	Wisconsin	4041	8				1,231	1,433	1,049
Valley (WEPCO)	Wisconsin	4042	1				777	787	1,007
Valley (WEPCO)	Wisconsin	4042	2				747	729	1,028
Valley (WEPCO)	Wisconsin	4042	3				793	858	950

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Riverside Energy Center	Wisconsin	55641	CT-01	26	36	37	19	14	37
Riverside Energy Center	Wisconsin	55641	CT-02	29	31	27	28	18	34
Rock River	Wisconsin	4057	1	18	17	5			351
Rock River	Wisconsin	4057	2	44	43	6			297
Rock River	Wisconsin	4057	CT3			14	2	3	14
Rock River	Wisconsin	4057	CT5A			21	8	1	21
Rock River	Wisconsin	4057	CT5B			24	8	1	24
Rock River	Wisconsin	4057	CT6A			17	8	1	17
Rock River	Wisconsin	4057	CT6B			17	8	1	17
Rockgen Energy Center	Wisconsin	55391	CT-1	6	4	4	7	9	17
Rockgen Energy Center	Wisconsin	55391	CT-2	8	5	3	3	9	20
Rockgen Energy Center	Wisconsin	55391	CT-3	8	4	4	12	8	21
Sheboygan Falls Energy Facility	Wisconsin	56166	1	4	4	1	1	3	10
Sheboygan Falls Energy Facility	Wisconsin	56166	2	4	3	1	0	1	10
Sheepskin	Wisconsin	4059	CT1A			8	6	8	8
Sheepskin	Wisconsin	4059	CT1B			8	6	9	9
South Fond Du Lac	Wisconsin	7203	**CT1	7	10	5	1	1	29
South Fond Du Lac	Wisconsin	7203	**CT2	7	11	7	1	1	24
South Fond Du Lac	Wisconsin	7203	**CT3	6	8	4	0	1	21
South Fond Du Lac	Wisconsin	7203	**CT4	7	10	5	1	2	26
South Oak Creek	Wisconsin	4041	5	1,013	1,416	1,301	1,216	769	1,416
South Oak Creek	Wisconsin	4041	6	1,255	1,016	1,215	649	1,089	1,323
South Oak Creek	Wisconsin	4041	7	1,275	1,133	1,241	676	1,052	1,429
South Oak Creek	Wisconsin	4041	8	1,088	1,079	1,222	1,089	914	1,433
Valley (WEPCO)	Wisconsin	4042	1	751	875	687	464	304	1,007
Valley (WEPCO)	Wisconsin	4042	2	770	869	676	495	282	1,028
Valley (WEPCO)	Wisconsin	4042	3	938	756	852	413	432	950

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Riverside Energy Center	Wisconsin	55641	CT-01						
Riverside Energy Center	Wisconsin	55641	CT-02						
Rock River	Wisconsin	4057	1						
Rock River	Wisconsin	4057	2						
Rock River	Wisconsin	4057	CT3						
Rock River	Wisconsin	4057	CT5A						
Rock River	Wisconsin	4057	CT5B						
Rock River	Wisconsin	4057	CT6A						
Rock River	Wisconsin	4057	CT6B						
Rockgen Energy Center	Wisconsin	55391	CT-1						
Rockgen Energy Center	Wisconsin	55391	CT-2						
Rockgen Energy Center	Wisconsin	55391	CT-3						
Sheboygan Falls Energy Facility	Wisconsin	56166	1						
Sheboygan Falls Energy Facility	Wisconsin	56166	2						
Sheepskin	Wisconsin	4059	CT1A						
Sheepskin	Wisconsin	4059	CT1B						
South Fond Du Lac	Wisconsin	7203	**CT1						
South Fond Du Lac	Wisconsin	7203	**CT2						
South Fond Du Lac	Wisconsin	7203	**CT3						
South Fond Du Lac	Wisconsin	7203	**CT4						
South Oak Creek	Wisconsin	4041	5						
South Oak Creek	Wisconsin	4041	6						
South Oak Creek	Wisconsin	4041	7						
South Oak Creek	Wisconsin	4041	8						
Valley (WEPCO)	Wisconsin	4042	1						
Valley (WEPCO)	Wisconsin	4042	2						
Valley (WEPCO)	Wisconsin	4042	3						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Riverside Energy Center	Wisconsin	55641	CT-01			2	2
Riverside Energy Center	Wisconsin	55641	CT-02			3	3
Rock River	Wisconsin	4057	1			6	6
Rock River	Wisconsin	4057	2			4	4
Rock River	Wisconsin	4057	CT3			0	0
Rock River	Wisconsin	4057	CT5A			1	1
Rock River	Wisconsin	4057	CT5B			1	1
Rock River	Wisconsin	4057	CT6A			1	1
Rock River	Wisconsin	4057	CT6B			1	1
Rockgen Energy Center	Wisconsin	55391	CT-1			1	1
Rockgen Energy Center	Wisconsin	55391	CT-2			2	2
Rockgen Energy Center	Wisconsin	55391	CT-3			2	2
Sheboygan Falls Energy Facility	Wisconsin	56166	1			0	0
Sheboygan Falls Energy Facility	Wisconsin	56166	2			0	0
Sheepskin	Wisconsin	4059	CT1A			1	1
Sheepskin	Wisconsin	4059	CT1B			1	1
South Fond Du Lac	Wisconsin	7203	**CT1			1	1
South Fond Du Lac	Wisconsin	7203	**CT2			0	0
South Fond Du Lac	Wisconsin	7203	**CT3			0	0
South Fond Du Lac	Wisconsin	7203	**CT4			0	0
South Oak Creek	Wisconsin	4041	5			1,514	1,514
South Oak Creek	Wisconsin	4041	6			1,353	1,353
South Oak Creek	Wisconsin	4041	7			1,772	1,772
South Oak Creek	Wisconsin	4041	8			1,669	1,669
Valley (WEPCO)	Wisconsin	4042	1			441	441
Valley (WEPCO)	Wisconsin	4042	2			440	440
Valley (WEPCO)	Wisconsin	4042	3			439	439

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Riverside Energy Center	Wisconsin	55641	CT-01	2	2	37	37
Riverside Energy Center	Wisconsin	55641	CT-02	3	3	34	34
Rock River	Wisconsin	4057	1	6	6	8	8
Rock River	Wisconsin	4057	2	4	4	15	15
Rock River	Wisconsin	4057	CT3	0	0	1	1
Rock River	Wisconsin	4057	CT5A	1	1	3	3
Rock River	Wisconsin	4057	CT5B	1	1	3	3
Rock River	Wisconsin	4057	CT6A	1	1	2	2
Rock River	Wisconsin	4057	CT6B	1	1	2	2
Rockgen Energy Center	Wisconsin	55391	CT-1	1	1	17	17
Rockgen Energy Center	Wisconsin	55391	CT-2	2	2	20	20
Rockgen Energy Center	Wisconsin	55391	CT-3	2	2	21	21
Sheboygan Falls Energy Facility	Wisconsin	56166	1	0	0	10	10
Sheboygan Falls Energy Facility	Wisconsin	56166	2	0	0	10	10
Sheepskin	Wisconsin	4059	CT1A	1	1	1	1
Sheepskin	Wisconsin	4059	CT1B	1	1	1	1
South Fond Du Lac	Wisconsin	7203	**CT1	1	1	12	12
South Fond Du Lac	Wisconsin	7203	**CT2	0	0	14	14
South Fond Du Lac	Wisconsin	7203	**CT3	0	0	13	13
South Fond Du Lac	Wisconsin	7203	**CT4	0	0	12	12
South Oak Creek	Wisconsin	4041	5	1,514	1,514	1,005	1,005
South Oak Creek	Wisconsin	4041	6	1,353	1,353	899	899
South Oak Creek	Wisconsin	4041	7	1,772	1,772	1,176	1,176
South Oak Creek	Wisconsin	4041	8	1,669	1,669	1,108	1,108
Valley (WEPCO)	Wisconsin	4042	1	441	441	293	293
Valley (WEPCO)	Wisconsin	4042	2	440	440	292	292
Valley (WEPCO)	Wisconsin	4042	3	439	439	291	291

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Riverside Energy Center	Wisconsin	55641	CT-01	37	37	37	37
Riverside Energy Center	Wisconsin	55641	CT-02	34	34	34	34
Rock River	Wisconsin	4057	1	8	8	8	8
Rock River	Wisconsin	4057	2	14	14	14	14
Rock River	Wisconsin	4057	CT3	1	1	1	1
Rock River	Wisconsin	4057	CT5A	3	3	3	3
Rock River	Wisconsin	4057	CT5B	3	3	3	3
Rock River	Wisconsin	4057	CT6A	2	2	2	2
Rock River	Wisconsin	4057	CT6B	2	2	2	2
Rockgen Energy Center	Wisconsin	55391	CT-1	17	17	17	17
Rockgen Energy Center	Wisconsin	55391	CT-2	20	20	20	20
Rockgen Energy Center	Wisconsin	55391	CT-3	21	21	21	21
Sheboygan Falls Energy Facility	Wisconsin	56166	1	10	10	10	10
Sheboygan Falls Energy Facility	Wisconsin	56166	2	10	10	10	10
Sheepskin	Wisconsin	4059	CT1A	1	1	1	1
Sheepskin	Wisconsin	4059	CT1B	1	1	1	1
South Fond Du Lac	Wisconsin	7203	**CT1	12	12	12	12
South Fond Du Lac	Wisconsin	7203	**CT2	14	14	14	14
South Fond Du Lac	Wisconsin	7203	**CT3	12	12	12	12
South Fond Du Lac	Wisconsin	7203	**CT4	11	11	11	11
South Oak Creek	Wisconsin	4041	5	967	967	967	967
South Oak Creek	Wisconsin	4041	6	864	864	864	864
South Oak Creek	Wisconsin	4041	7	1,131	1,131	1,131	1,131
South Oak Creek	Wisconsin	4041	8	1,065	1,065	1,065	1,065
Valley (WEPCO)	Wisconsin	4042	1	282	282	282	282
Valley (WEPCO)	Wisconsin	4042	2	281	281	281	281
Valley (WEPCO)	Wisconsin	4042	3	280	280	280	280

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Riverside Energy Center	Wisconsin	55641	CT-01	1,609,372	2,312,965	877,442	705,764	1,527,334	1,816,557
Riverside Energy Center	Wisconsin	55641	CT-02	1,987,478	2,115,379	1,137,563	1,072,295	1,624,659	1,909,172
Rock River	Wisconsin	4057	1	158,228	93,969	29,593			93,930
Rock River	Wisconsin	4057	2	249,287	225,587	30,000			168,291
Rock River	Wisconsin	4057	CT3			5,096	5,457	7,140	5,898
Rock River	Wisconsin	4057	CT5A			32,561	17,525	2,100	17,395
Rock River	Wisconsin	4057	CT5B			32,515	17,493	1,774	17,260
Rock River	Wisconsin	4057	CT6A			41,667	14,336	1,779	19,261
Rock River	Wisconsin	4057	CT6B			41,667	12,986	1,779	18,811
Rockgen Energy Center	Wisconsin	55391	CT-1	170,562	173,692	189,024	119,698	546,565	303,094
Rockgen Energy Center	Wisconsin	55391	CT-2	431,615	173,038	173,565	81,547	408,250	337,810
Rockgen Energy Center	Wisconsin	55391	CT-3	450,046	130,216	134,069	391,120	413,392	418,186
Sheboygan Falls Energy Facility	Wisconsin	56166	1	119,846	174,632	66,785	30,550	84,596	126,358
Sheboygan Falls Energy Facility	Wisconsin	56166	2	123,278	158,828	71,457	11,231	90,342	124,149
Sheepskin	Wisconsin	4059	CT1A			9,755	7,662	8,278	8,565
Sheepskin	Wisconsin	4059	CT1B			9,755	7,662	8,278	8,565
South Fond Du Lac	Wisconsin	7203	**CT1	114,966	146,593	93,799	6,899	23,778	118,453
South Fond Du Lac	Wisconsin	7203	**CT2	130,356	192,695	107,390	14,385	29,681	143,480
South Fond Du Lac	Wisconsin	7203	**CT3	125,585	189,213	86,247	9,419	44,599	133,682
South Fond Du Lac	Wisconsin	7203	**CT4	123,668	148,428	77,289	10,420	43,550	116,461
South Oak Creek	Wisconsin	4041	5	7,547,697	6,544,684	6,473,737	4,099,832	2,068,125	6,855,373
South Oak Creek	Wisconsin	4041	6	6,426,930	3,464,473	7,183,936	4,929,220	6,533,758	6,714,875
South Oak Creek	Wisconsin	4041	7	7,115,545	8,956,192	7,650,765	1,014,758	6,412,651	7,907,501
South Oak Creek	Wisconsin	4041	8	7,780,286	6,145,099	7,349,038	7,244,585	7,959,768	7,696,364
Valley (WEPCO)	Wisconsin	4042	1	1,813,865	2,103,758	1,313,724	1,080,204	612,111	1,743,782
Valley (WEPCO)	Wisconsin	4042	2	1,930,800	2,047,998	1,356,163	1,119,388	551,693	1,778,321
Valley (WEPCO)	Wisconsin	4042	3	2,049,194	1,608,304	1,927,350	904,809	1,515,711	1,861,616

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Riverside Energy Center	Wisconsin	55641	CT-01	249,555,499	0.007279	13,897	13,438	101	98
Riverside Energy Center	Wisconsin	55641	CT-02	249,555,499	0.007650	13,897	13,438	106	103
Rock River	Wisconsin	4057	1	249,555,499	0.000376	13,897	13,438	5	5
Rock River	Wisconsin	4057	2	249,555,499	0.000674	13,897	13,438	9	9
Rock River	Wisconsin	4057	CT3	249,555,499	0.000024	13,897	13,438	0	0
Rock River	Wisconsin	4057	CT5A	249,555,499	0.000070	13,897	13,438	1	1
Rock River	Wisconsin	4057	CT5B	249,555,499	0.000069	13,897	13,438	1	1
Rock River	Wisconsin	4057	CT6A	249,555,499	0.000077	13,897	13,438	1	1
Rock River	Wisconsin	4057	CT6B	249,555,499	0.000075	13,897	13,438	1	1
Rockgen Energy Center	Wisconsin	55391	CT-1	249,555,499	0.001215	13,897	13,438	17	16
Rockgen Energy Center	Wisconsin	55391	CT-2	249,555,499	0.001354	13,897	13,438	19	18
Rockgen Energy Center	Wisconsin	55391	CT-3	249,555,499	0.001676	13,897	13,438	23	23
Sheboygan Falls Energy Facility	Wisconsin	56166	1	249,555,499	0.000506	13,897	13,438	7	7
Sheboygan Falls Energy Facility	Wisconsin	56166	2	249,555,499	0.000497	13,897	13,438	7	7
Sheepskin	Wisconsin	4059	CT1A	249,555,499	0.000034	13,897	13,438	0	0
Sheepskin	Wisconsin	4059	CT1B	249,555,499	0.000034	13,897	13,438	0	0
South Fond Du Lac	Wisconsin	7203	**CT1	249,555,499	0.000475	13,897	13,438	7	6
South Fond Du Lac	Wisconsin	7203	**CT2	249,555,499	0.000575	13,897	13,438	8	8
South Fond Du Lac	Wisconsin	7203	**CT3	249,555,499	0.000536	13,897	13,438	7	7
South Fond Du Lac	Wisconsin	7203	**CT4	249,555,499	0.000467	13,897	13,438	6	6
South Oak Creek	Wisconsin	4041	5	249,555,499	0.027470	13,897	13,438	382	369
South Oak Creek	Wisconsin	4041	6	249,555,499	0.026907	13,897	13,438	374	362
South Oak Creek	Wisconsin	4041	7	249,555,499	0.031686	13,897	13,438	440	426
South Oak Creek	Wisconsin	4041	8	249,555,499	0.030840	13,897	13,438	429	414
Valley (WEPCO)	Wisconsin	4042	1	249,555,499	0.006988	13,897	13,438	97	94
Valley (WEPCO)	Wisconsin	4042	2	249,555,499	0.007126	13,897	13,438	99	96
Valley (WEPCO)	Wisconsin	4042	3	249,555,499	0.007460	13,897	13,438	104	100

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Riverside Energy Center	Wisconsin	55641	CT-01		6	12	10	16	6
Riverside Energy Center	Wisconsin	55641	CT-02		28	11	12	14	7
Rock River	Wisconsin	4057	1	99	51	69	16	9	3
Rock River	Wisconsin	4057	2	161	34	106	35	31	4
Rock River	Wisconsin	4057	CT3						2
Rock River	Wisconsin	4057	CT5A						7
Rock River	Wisconsin	4057	CT5B						7
Rock River	Wisconsin	4057	CT6A						9
Rock River	Wisconsin	4057	CT6B						9
Rockgen Energy Center	Wisconsin	55391	CT-1	5	1	13	2	2	2
Rockgen Energy Center	Wisconsin	55391	CT-2	5	2	13	5	2	2
Rockgen Energy Center	Wisconsin	55391	CT-3	5	5	14	5	2	1
Sheboygan Falls Energy Facility	Wisconsin	56166	1			10	2	3	1
Sheboygan Falls Energy Facility	Wisconsin	56166	2			10	2	2	1
Sheepskin	Wisconsin	4059	CT1A						3
Sheepskin	Wisconsin	4059	CT1B						3
South Fond Du Lac	Wisconsin	7203	**CT1	12	2	17	4	5	3
South Fond Du Lac	Wisconsin	7203	**CT2	9	3	17	5	7	4
South Fond Du Lac	Wisconsin	7203	**CT3	6	4	14	4	5	3
South Fond Du Lac	Wisconsin	7203	**CT4	3		18	5	6	3
South Oak Creek	Wisconsin	4041	5	479	614	485	626	530	579
South Oak Creek	Wisconsin	4041	6	383	560	618	534	280	651
South Oak Creek	Wisconsin	4041	7	573	602	521	454	597	527
South Oak Creek	Wisconsin	4041	8	540	605	463	500	402	504
Valley (WEPCO)	Wisconsin	4042	1	293	302	429	320	367	199
Valley (WEPCO)	Wisconsin	4042	2	275	307	431	342	358	203
Valley (WEPCO)	Wisconsin	4042	3	317	342	420	406	295	367

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Riverside Energy Center	Wisconsin	55641	CT-01	5	7	16			
Riverside Energy Center	Wisconsin	55641	CT-02	7	9	28			
Rock River	Wisconsin	4057	1			99			
Rock River	Wisconsin	4057	2			161			
Rock River	Wisconsin	4057	CT3	2	2	2			
Rock River	Wisconsin	4057	CT5A	4	0	7			
Rock River	Wisconsin	4057	CT5B	4	0	7			
Rock River	Wisconsin	4057	CT6A	3	0	9			
Rock River	Wisconsin	4057	CT6B	3	0	9			
Rockgen Energy Center	Wisconsin	55391	CT-1	2	8	13			
Rockgen Energy Center	Wisconsin	55391	CT-2	1	5	13			
Rockgen Energy Center	Wisconsin	55391	CT-3	4	6	14			
Sheboygan Falls Energy Facility	Wisconsin	56166	1	0	1	10			
Sheboygan Falls Energy Facility	Wisconsin	56166	2	0	1	10			
Sheepskin	Wisconsin	4059	CT1A	3	3	3			
Sheepskin	Wisconsin	4059	CT1B	3	3	3			
South Fond Du Lac	Wisconsin	7203	**CT1	0	1	17			
South Fond Du Lac	Wisconsin	7203	**CT2	1	1	17			
South Fond Du Lac	Wisconsin	7203	**CT3	0	1	14			
South Fond Du Lac	Wisconsin	7203	**CT4	0	2	18			
South Oak Creek	Wisconsin	4041	5	377	178	626			
South Oak Creek	Wisconsin	4041	6	471	544	651			
South Oak Creek	Wisconsin	4041	7	67	405	602			
South Oak Creek	Wisconsin	4041	8	454	506	605			
Valley (WEPCO)	Wisconsin	4042	1	138	80	429			
Valley (WEPCO)	Wisconsin	4042	2	143	73	431			
Valley (WEPCO)	Wisconsin	4042	3	108	175	420			

							Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Riverside Energy Center	Wisconsin	55641	CT-01					
Riverside Energy Center	Wisconsin	55641	CT-02					
Rock River	Wisconsin	4057	1					
Rock River	Wisconsin	4057	2					
Rock River	Wisconsin	4057	CT3					
Rock River	Wisconsin	4057	CT5A					
Rock River	Wisconsin	4057	CT5B					
Rock River	Wisconsin	4057	CT6A					
Rock River	Wisconsin	4057	CT6B					
Rockgen Energy Center	Wisconsin	55391	CT-1					
Rockgen Energy Center	Wisconsin	55391	CT-2					
Rockgen Energy Center	Wisconsin	55391	CT-3					
Sheboygan Falls Energy Facility	Wisconsin	56166	1					
Sheboygan Falls Energy Facility	Wisconsin	56166	2					
Sheepskin	Wisconsin	4059	CT1A					
Sheepskin	Wisconsin	4059	CT1B					
South Fond Du Lac	Wisconsin	7203	**CT1					
South Fond Du Lac	Wisconsin	7203	**CT2					
South Fond Du Lac	Wisconsin	7203	**CT3					
South Fond Du Lac	Wisconsin	7203	**CT4					
South Oak Creek	Wisconsin	4041	5					
South Oak Creek	Wisconsin	4041	6					
South Oak Creek	Wisconsin	4041	7					
South Oak Creek	Wisconsin	4041	8					
Valley (WEPCO)	Wisconsin	4042	1					
Valley (WEPCO)	Wisconsin	4042	2					
Valley (WEPCO)	Wisconsin	4042	3					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)	
Riverside Energy Center	Wisconsin	55641	CT-01					Y
Riverside Energy Center	Wisconsin	55641	CT-02					Y
Rock River	Wisconsin	4057	1					Y
Rock River	Wisconsin	4057	2					Y
Rock River	Wisconsin	4057	CT3					Y
Rock River	Wisconsin	4057	CT5A					Y
Rock River	Wisconsin	4057	CT5B					Y
Rock River	Wisconsin	4057	CT6A					Y
Rock River	Wisconsin	4057	CT6B					Y
Rockgen Energy Center	Wisconsin	55391	CT-1					Y
Rockgen Energy Center	Wisconsin	55391	CT-2					Y
Rockgen Energy Center	Wisconsin	55391	CT-3					Y
Sheboygan Falls Energy Facility	Wisconsin	56166	1					Y
Sheboygan Falls Energy Facility	Wisconsin	56166	2					Y
Sheepskin	Wisconsin	4059	CT1A					Y
Sheepskin	Wisconsin	4059	CT1B					Y
South Fond Du Lac	Wisconsin	7203	**CT1					Y
South Fond Du Lac	Wisconsin	7203	**CT2					Y
South Fond Du Lac	Wisconsin	7203	**CT3					Y
South Fond Du Lac	Wisconsin	7203	**CT4					Y
South Oak Creek	Wisconsin	4041	5					Y
South Oak Creek	Wisconsin	4041	6					Y
South Oak Creek	Wisconsin	4041	7					Y
South Oak Creek	Wisconsin	4041	8					Y
Valley (WEPCO)	Wisconsin	4042	1					Y
Valley (WEPCO)	Wisconsin	4042	2					Y
Valley (WEPCO)	Wisconsin	4042	3					Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Riverside Energy Center	Wisconsin	55641	CT-01	Y		Y		
Riverside Energy Center	Wisconsin	55641	CT-02	Y		Y		
Rock River	Wisconsin	4057	1	Y		Y		
Rock River	Wisconsin	4057	2	Y		Y		
Rock River	Wisconsin	4057	CT3	Y		Y		
Rock River	Wisconsin	4057	CT5A	Y		Y		
Rock River	Wisconsin	4057	CT5B	Y		Y		
Rock River	Wisconsin	4057	CT6A	Y		Y		
Rock River	Wisconsin	4057	CT6B	Y		Y		
Rockgen Energy Center	Wisconsin	55391	CT-1	Y		Y		
Rockgen Energy Center	Wisconsin	55391	CT-2	Y		Y		
Rockgen Energy Center	Wisconsin	55391	CT-3	Y		Y		
Sheboygan Falls Energy Facility	Wisconsin	56166	1	Y		Y		
Sheboygan Falls Energy Facility	Wisconsin	56166	2	Y		Y		
Sheepskin	Wisconsin	4059	CT1A	Y		Y		
Sheepskin	Wisconsin	4059	CT1B	Y		Y		
South Fond Du Lac	Wisconsin	7203	**CT1	Y		Y		
South Fond Du Lac	Wisconsin	7203	**CT2	Y		Y		
South Fond Du Lac	Wisconsin	7203	**CT3	Y		Y		
South Fond Du Lac	Wisconsin	7203	**CT4	Y		Y		
South Oak Creek	Wisconsin	4041	5	Y		Y		
South Oak Creek	Wisconsin	4041	6	Y		Y		
South Oak Creek	Wisconsin	4041	7	Y		Y		
South Oak Creek	Wisconsin	4041	8	Y		Y		
Valley (WEPCO)	Wisconsin	4042	1	Y		Y		
Valley (WEPCO)	Wisconsin	4042	2	Y		Y		
Valley (WEPCO)	Wisconsin	4042	3	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Valley (WEPCO)	Wisconsin	4042	4	2597	5,088,268	4,219,692	4,767,570	3,359,106	3,867,254
West Marinette	Wisconsin	4076	**33	2611	350,203	987,178	514,141	100,998	193,091
West Marinette	Wisconsin	4076	**34	2612	259,582	562,851	430,583	2,779	52,876
West Marinette	Wisconsin	4076	31A	89871			97,603	19,410	4,928
West Marinette	Wisconsin	4076	31B	89872			96,624	20,975	4,295
West Marinette	Wisconsin	4076	32A	89873			127,595	13,614	3,745
West Marinette	Wisconsin	4076	32B	89874			124,947	12,441	4,626
Weston	Wisconsin	4078	1	2613	3,648,855	4,821,212	3,155,300	3,080,971	3,383,932
Weston	Wisconsin	4078	2	2614	8,109,839	5,626,166	6,503,741	4,275,604	5,823,380
Weston	Wisconsin	4078	3	2615	31,336,579	20,484,948	24,246,537	20,774,000	25,418,997
Weston	Wisconsin	4078	32A	89867			112,222	23,989	16,085
Weston	Wisconsin	4078	32B	89875			123,549	24,399	15,553
Weston	Wisconsin	4078	4	89565				29,332,479	32,966,135
Wheaton Generating Plant	Wisconsin	4014	1	89998			70,105	60,105	112,020
Wheaton Generating Plant	Wisconsin	4014	2	89999			80,011	58,901	102,544
Wheaton Generating Plant	Wisconsin	4014	3	90000			80,708	41,032	215,566
Wheaton Generating Plant	Wisconsin	4014	4	90001			71,382	35,377	193,491
Wheaton Generating Plant	Wisconsin	4014	5	90002			362	9,197	6,030
Wheaton Generating Plant	Wisconsin	4014	6	90003			10,717	8,141	12,978
Whitewater Cogeneration Facility	Wisconsin	55011	01	3813	6,282,811	8,524,702	6,983,995	6,822,250	5,328,350

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Valley (WEPCO)	Wisconsin	4042	4	4,691,843	555,545,264	0.008445	76,301	45,968
West Marinette	Wisconsin	4076	**33	617,174	555,545,264	0.001111	76,301	45,968
West Marinette	Wisconsin	4076	**34	417,672	555,545,264	0.000752	76,301	45,968
West Marinette	Wisconsin	4076	31A	40,647	555,545,264	0.000073	76,301	45,968
West Marinette	Wisconsin	4076	31B	40,631	555,545,264	0.000073	76,301	45,968
West Marinette	Wisconsin	4076	32A	48,318	555,545,264	0.000087	76,301	45,968
West Marinette	Wisconsin	4076	32B	47,338	555,545,264	0.000085	76,301	45,968
Weston	Wisconsin	4078	1	3,951,333	555,545,264	0.007113	76,301	45,968
Weston	Wisconsin	4078	2	6,812,320	555,545,264	0.012262	76,301	45,968
Weston	Wisconsin	4078	3	27,000,704	555,545,264	0.048602	76,301	45,968
Weston	Wisconsin	4078	32A	50,765	555,545,264	0.000091	76,301	45,968
Weston	Wisconsin	4078	32B	54,500	555,545,264	0.000098	76,301	45,968
Weston	Wisconsin	4078	4	31,149,307	555,545,264	0.056070	76,301	45,968
Wheaton Generating Plant	Wisconsin	4014	1	80,743	555,545,264	0.000145	76,301	45,968
Wheaton Generating Plant	Wisconsin	4014	2	80,485	555,545,264	0.000145	76,301	45,968
Wheaton Generating Plant	Wisconsin	4014	3	112,435	555,545,264	0.000202	76,301	45,968
Wheaton Generating Plant	Wisconsin	4014	4	100,084	555,545,264	0.000180	76,301	45,968
Wheaton Generating Plant	Wisconsin	4014	5	5,196	555,545,264	0.000009	76,301	45,968
Wheaton Generating Plant	Wisconsin	4014	6	10,612	555,545,264	0.000019	76,301	45,968
Whitewater Cogeneration Facility	Wisconsin	55011	01	7,443,649	555,545,264	0.013399	76,301	45,968

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Valley (WEPCO)	Wisconsin	4042	4	32,055	30,899	644	388	271	261
West Marinette	Wisconsin	4076	**33	32,055	30,899	85	51	36	34
West Marinette	Wisconsin	4076	**34	32,055	30,899	57	35	24	23
West Marinette	Wisconsin	4076	31A	32,055	30,899	6	3	2	2
West Marinette	Wisconsin	4076	31B	32,055	30,899	6	3	2	2
West Marinette	Wisconsin	4076	32A	32,055	30,899	7	4	3	3
West Marinette	Wisconsin	4076	32B	32,055	30,899	7	4	3	3
Weston	Wisconsin	4078	1	32,055	30,899	543	327	228	220
Weston	Wisconsin	4078	2	32,055	30,899	936	564	393	379
Weston	Wisconsin	4078	3	32,055	30,899	3,708	2,234	1,558	1,502
Weston	Wisconsin	4078	32A	32,055	30,899	7	4	3	3
Weston	Wisconsin	4078	32B	32,055	30,899	7	5	3	3
Weston	Wisconsin	4078	4	32,055	30,899	4,278	2,577	1,797	1,733
Wheaton Generating Plant	Wisconsin	4014	1	32,055	30,899	11	7	5	4
Wheaton Generating Plant	Wisconsin	4014	2	32,055	30,899	11	7	5	4
Wheaton Generating Plant	Wisconsin	4014	3	32,055	30,899	15	9	6	6
Wheaton Generating Plant	Wisconsin	4014	4	32,055	30,899	14	8	6	6
Wheaton Generating Plant	Wisconsin	4014	5	32,055	30,899	1	0	0	0
Wheaton Generating Plant	Wisconsin	4014	6	32,055	30,899	1	1	1	1
Whitewater Cogeneration Facility	Wisconsin	55011	01	32,055	30,899	1,022	616	429	414

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	2008 Annual SO ₂ Emissions (tons)
Calculation									
Valley (WEPCO)	Wisconsin	4042	4	2,475	1,920	1,987	1,917	1,579	1,843
West Marinette	Wisconsin	4076	**33	1	0	1	0	0	0
West Marinette	Wisconsin	4076	**34	0	0	1	0	0	0
West Marinette	Wisconsin	4076	31A						
West Marinette	Wisconsin	4076	31B						
West Marinette	Wisconsin	4076	32A						
West Marinette	Wisconsin	4076	32B						
Weston	Wisconsin	4078	1	1,616	1,510	1,528	991	1,374	929
Weston	Wisconsin	4078	2	2,533	2,489	2,460	2,287	1,609	1,923
Weston	Wisconsin	4078	3	8,948	8,908	9,540	9,318	6,125	7,338
Weston	Wisconsin	4078	32A						
Weston	Wisconsin	4078	32B						
Weston	Wisconsin	4078	4						
Wheaton Generating Plant	Wisconsin	4014	1						
Wheaton Generating Plant	Wisconsin	4014	2						
Wheaton Generating Plant	Wisconsin	4014	3						
Wheaton Generating Plant	Wisconsin	4014	4						
Wheaton Generating Plant	Wisconsin	4014	5						
Wheaton Generating Plant	Wisconsin	4014	6						
Whitewater Cogeneration Facility	Wisconsin	55011	01	2	1	3	2	3	2

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation						Highest value of columns V - AC			
Valley (WEPCO)	Wisconsin	4042	4	1,306	1,478	2,475			
West Marinette	Wisconsin	4076	**33	0	0	1			
West Marinette	Wisconsin	4076	**34	0	0	1			
West Marinette	Wisconsin	4076	31A	0	0	0			
West Marinette	Wisconsin	4076	31B	0	0	0			
West Marinette	Wisconsin	4076	32A	0	0	0			
West Marinette	Wisconsin	4076	32B	0	0	0			
Weston	Wisconsin	4078	1	849	950	1,616			
Weston	Wisconsin	4078	2	1,211	1,651	2,533			
Weston	Wisconsin	4078	3	5,912	7,217	9,540			
Weston	Wisconsin	4078	32A	0	0	0			
Weston	Wisconsin	4078	32B	0	0	0			
Weston	Wisconsin	4078	4	972	1,120	1,120			
Wheaton Generating Plant	Wisconsin	4014	1	0	0	0			
Wheaton Generating Plant	Wisconsin	4014	2	0	0	0			
Wheaton Generating Plant	Wisconsin	4014	3	0	0	0			
Wheaton Generating Plant	Wisconsin	4014	4	0	0	0			
Wheaton Generating Plant	Wisconsin	4014	5	0	0	0			
Wheaton Generating Plant	Wisconsin	4014	6	0	0	0			
Whitewater Cogeneration Facility	Wisconsin	55011	01	2	2	3			

Plant Name	State	ORIS ID	Boiler ID	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)	2005 Annual NO _x Emissions (tons)
Calculation									
Valley (WEPCO)	Wisconsin	4042	4				774	868	906
West Marinette	Wisconsin	4076	**33				60	31	78
West Marinette	Wisconsin	4076	**34				11	4	21
West Marinette	Wisconsin	4076	31A						
West Marinette	Wisconsin	4076	31B						
West Marinette	Wisconsin	4076	32A						
West Marinette	Wisconsin	4076	32B						
Weston	Wisconsin	4078	1				1,933	1,951	2,171
Weston	Wisconsin	4078	2				1,813	1,720	1,583
Weston	Wisconsin	4078	3				3,411	3,659	4,385
Weston	Wisconsin	4078	32A						
Weston	Wisconsin	4078	32B						
Weston	Wisconsin	4078	4						
Wheaton Generating Plant	Wisconsin	4014	1						
Wheaton Generating Plant	Wisconsin	4014	2						
Wheaton Generating Plant	Wisconsin	4014	3						
Wheaton Generating Plant	Wisconsin	4014	4						
Wheaton Generating Plant	Wisconsin	4014	5						
Wheaton Generating Plant	Wisconsin	4014	6						
Whitewater Cogeneration Facility	Wisconsin	55011	01				40	31	51

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)
Calculation									Highest value of columns AK - AR
Valley (WEPCO)	Wisconsin	4042	4	974	767	888	442	427	974
West Marinette	Wisconsin	4076	**33	20	61	29	7	13	78
West Marinette	Wisconsin	4076	**34	4	8	7	0	1	21
West Marinette	Wisconsin	4076	31A			18	3	1	18
West Marinette	Wisconsin	4076	31B			20	4	1	20
West Marinette	Wisconsin	4076	32A			23	2	0	23
West Marinette	Wisconsin	4076	32B			24	2	1	24
Weston	Wisconsin	4078	1	1,287	1,951	1,269	375	391	2,171
Weston	Wisconsin	4078	2	1,335	1,087	1,429	596	821	1,813
Weston	Wisconsin	4078	3	3,965	2,530	2,593	2,036	1,494	4,385
Weston	Wisconsin	4078	32A			20	4	3	20
Weston	Wisconsin	4078	32B			24	4	3	24
Weston	Wisconsin	4078	4				794	922	922
Wheaton Generating Plant	Wisconsin	4014	1			12	9	15	15
Wheaton Generating Plant	Wisconsin	4014	2			11	8	16	16
Wheaton Generating Plant	Wisconsin	4014	3			11	5	26	26
Wheaton Generating Plant	Wisconsin	4014	4			12	4	23	23
Wheaton Generating Plant	Wisconsin	4014	5			0	3	2	3
Wheaton Generating Plant	Wisconsin	4014	6			4	2	4	4
Whitewater Cogeneration Facility	Wisconsin	55011	01	58	73	61	60	51	73

Step 8

Plant Name	State	ORIS ID	Boiler ID	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation									
Valley (WEPCO)	Wisconsin	4042	4						
West Marinette	Wisconsin	4076	**33						
West Marinette	Wisconsin	4076	**34						
West Marinette	Wisconsin	4076	31A						
West Marinette	Wisconsin	4076	31B						
West Marinette	Wisconsin	4076	32A						
West Marinette	Wisconsin	4076	32B						
Weston	Wisconsin	4078	1						
Weston	Wisconsin	4078	2						
Weston	Wisconsin	4078	3						
Weston	Wisconsin	4078	32A						
Weston	Wisconsin	4078	32B						
Weston	Wisconsin	4078	4						
Wheaton Generating Plant	Wisconsin	4014	1						
Wheaton Generating Plant	Wisconsin	4014	2						
Wheaton Generating Plant	Wisconsin	4014	3						
Wheaton Generating Plant	Wisconsin	4014	4						
Wheaton Generating Plant	Wisconsin	4014	5						
Wheaton Generating Plant	Wisconsin	4014	6						
Whitewater Cogeneration Facility	Wisconsin	55011	01						

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)
Calculation				(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)	(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)
Valley (WEPCO)	Wisconsin	4042	4			453	453
West Marinette	Wisconsin	4076	**33			1	1
West Marinette	Wisconsin	4076	**34			1	1
West Marinette	Wisconsin	4076	31A			0	0
West Marinette	Wisconsin	4076	31B			0	0
West Marinette	Wisconsin	4076	32A			0	0
West Marinette	Wisconsin	4076	32B			0	0
Weston	Wisconsin	4078	1			382	382
Weston	Wisconsin	4078	2			658	658
Weston	Wisconsin	4078	3			2,608	2,608
Weston	Wisconsin	4078	32A			0	0
Weston	Wisconsin	4078	32B			0	0
Weston	Wisconsin	4078	4			1,120	1,120
Wheaton Generating Plant	Wisconsin	4014	1			0	0
Wheaton Generating Plant	Wisconsin	4014	2			0	0
Wheaton Generating Plant	Wisconsin	4014	3			0	0
Wheaton Generating Plant	Wisconsin	4014	4			0	0
Wheaton Generating Plant	Wisconsin	4014	5			0	0
Wheaton Generating Plant	Wisconsin	4014	6			0	0
Whitewater Cogeneration Facility	Wisconsin	55011	01			3	3

Steps 9 & 10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)
				(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)	(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)
Calculation							
Valley (WEPCO)	Wisconsin	4042	4	453	453	301	301
West Marinette	Wisconsin	4076	**33	1	1	40	40
West Marinette	Wisconsin	4076	**34	1	1	21	21
West Marinette	Wisconsin	4076	31A	0	0	3	3
West Marinette	Wisconsin	4076	31B	0	0	3	3
West Marinette	Wisconsin	4076	32A	0	0	3	3
West Marinette	Wisconsin	4076	32B	0	0	3	3
Weston	Wisconsin	4078	1	382	382	253	253
Weston	Wisconsin	4078	2	658	658	437	437
Weston	Wisconsin	4078	3	2,608	2,608	1,731	1,731
Weston	Wisconsin	4078	32A	0	0	3	3
Weston	Wisconsin	4078	32B	0	0	3	3
Weston	Wisconsin	4078	4	1,120	1,120	922	922
Wheaton Generating Plant	Wisconsin	4014	1	0	0	5	5
Wheaton Generating Plant	Wisconsin	4014	2	0	0	5	5
Wheaton Generating Plant	Wisconsin	4014	3	0	0	7	7
Wheaton Generating Plant	Wisconsin	4014	4	0	0	6	6
Wheaton Generating Plant	Wisconsin	4014	5	0	0	0	0
Wheaton Generating Plant	Wisconsin	4014	6	0	0	1	1
Whitewater Cogeneration Facility	Wisconsin	55011	01	3	3	73	73

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)
Calculation				(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)	(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)
Valley (WEPCO)	Wisconsin	4042	4	289	289	289	289
West Marinette	Wisconsin	4076	**33	38	38	38	38
West Marinette	Wisconsin	4076	**34	21	21	21	21
West Marinette	Wisconsin	4076	31A	3	3	3	3
West Marinette	Wisconsin	4076	31B	3	3	3	3
West Marinette	Wisconsin	4076	32A	3	3	3	3
West Marinette	Wisconsin	4076	32B	3	3	3	3
Weston	Wisconsin	4078	1	244	244	244	244
Weston	Wisconsin	4078	2	420	420	420	420
Weston	Wisconsin	4078	3	1,665	1,665	1,665	1,665
Weston	Wisconsin	4078	32A	3	3	3	3
Weston	Wisconsin	4078	32B	3	3	3	3
Weston	Wisconsin	4078	4	922	922	922	922
Wheaton Generating Plant	Wisconsin	4014	1	5	5	5	5
Wheaton Generating Plant	Wisconsin	4014	2	5	5	5	5
Wheaton Generating Plant	Wisconsin	4014	3	7	7	7	7
Wheaton Generating Plant	Wisconsin	4014	4	6	6	6	6
Wheaton Generating Plant	Wisconsin	4014	5	0	0	0	0
Wheaton Generating Plant	Wisconsin	4014	6	1	1	1	1
Whitewater Cogeneration Facility	Wisconsin	55011	01	73	73	73	73

Plant Name	State	ORIS ID	Boiler ID	Step 1					Steps 2 & 3
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)
Calculation									Average of three highest non-zero values in columns BL - BP
Valley (WEPCO)	Wisconsin	4042	4	2,068,533	1,603,281	1,867,996	1,072,545	1,570,649	1,846,603
West Marinette	Wisconsin	4076	**33	212,195	648,636	272,338	90,776	142,386	377,723
West Marinette	Wisconsin	4076	**34	132,883	346,727	227,134	2,779	25,600	235,581
West Marinette	Wisconsin	4076	31A			30,410	13,489	826	14,908
West Marinette	Wisconsin	4076	31B			32,132	13,400	704	15,412
West Marinette	Wisconsin	4076	32A			71,529	10,762	1,295	27,862
West Marinette	Wisconsin	4076	32B			71,390	9,803	1,521	27,571
Weston	Wisconsin	4078	1	1,822,062	1,894,121	1,584,124	1,172,665	1,365,733	1,766,769
Weston	Wisconsin	4078	2	3,633,195	2,680,945	2,616,610	1,834,271	2,367,882	2,976,916
Weston	Wisconsin	4078	3	13,154,167	11,704,863	10,152,283	8,733,078	10,774,707	11,877,912
Weston	Wisconsin	4078	32A			2,577	7,982	2,726	4,429
Weston	Wisconsin	4078	32B			10,436	7,866	2,618	6,973
Weston	Wisconsin	4078	4				12,110,995	15,749,240	13,930,117
Wheaton Generating Plant	Wisconsin	4014	1			14,470	29,427	83,170	42,356
Wheaton Generating Plant	Wisconsin	4014	2			12,521	32,475	66,299	37,098
Wheaton Generating Plant	Wisconsin	4014	3			15,754	28,857	199,530	81,380
Wheaton Generating Plant	Wisconsin	4014	4			9,272	23,471	176,347	69,696
Wheaton Generating Plant	Wisconsin	4014	5			158	5,563	4,975	3,566
Wheaton Generating Plant	Wisconsin	4014	6			3,356	6,058	4,878	4,764
Whitewater Cogeneration Facility	Wisconsin	55011	01	2,763,320	3,335,274	2,122,933	3,042,444	2,917,538	3,098,418

Plant Name	State	ORIS ID	Boiler ID	Step 4	Step 5	Step 6			
				State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)
Calculation				Sum column BQ values to get State level totals	Column BQ divided by column BR			Column BS x column BT	Column BS x column BU
Valley (WEPCO)	Wisconsin	4042	4	249,555,499	0.007400	13,897	13,438	103	99
West Marinette	Wisconsin	4076	**33	249,555,499	0.001514	13,897	13,438	21	20
West Marinette	Wisconsin	4076	**34	249,555,499	0.000944	13,897	13,438	13	13
West Marinette	Wisconsin	4076	31A	249,555,499	0.000060	13,897	13,438	1	1
West Marinette	Wisconsin	4076	31B	249,555,499	0.000062	13,897	13,438	1	1
West Marinette	Wisconsin	4076	32A	249,555,499	0.000112	13,897	13,438	2	2
West Marinette	Wisconsin	4076	32B	249,555,499	0.000110	13,897	13,438	2	1
Weston	Wisconsin	4078	1	249,555,499	0.007080	13,897	13,438	98	95
Weston	Wisconsin	4078	2	249,555,499	0.011929	13,897	13,438	166	160
Weston	Wisconsin	4078	3	249,555,499	0.047596	13,897	13,438	661	640
Weston	Wisconsin	4078	32A	249,555,499	0.000018	13,897	13,438	0	0
Weston	Wisconsin	4078	32B	249,555,499	0.000028	13,897	13,438	0	0
Weston	Wisconsin	4078	4	249,555,499	0.055820	13,897	13,438	776	750
Wheaton Generating Plant	Wisconsin	4014	1	249,555,499	0.000170	13,897	13,438	2	2
Wheaton Generating Plant	Wisconsin	4014	2	249,555,499	0.000149	13,897	13,438	2	2
Wheaton Generating Plant	Wisconsin	4014	3	249,555,499	0.000326	13,897	13,438	5	4
Wheaton Generating Plant	Wisconsin	4014	4	249,555,499	0.000279	13,897	13,438	4	4
Wheaton Generating Plant	Wisconsin	4014	5	249,555,499	0.000014	13,897	13,438	0	0
Wheaton Generating Plant	Wisconsin	4014	6	249,555,499	0.000019	13,897	13,438	0	0
Whitewater Cogeneration Facility	Wisconsin	55011	01	249,555,499	0.012416	13,897	13,438	173	167

Step 7

Plant Name	State	ORIS ID	Boiler ID	Step 7					
				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)
Calculation									
Valley (WEPCO)	Wisconsin	4042	4	310	337	449	409	295	353
West Marinette	Wisconsin	4076	**33	21	16	57	12	41	16
West Marinette	Wisconsin	4076	**34	3	3	13	2	5	3
West Marinette	Wisconsin	4076	31A						6
West Marinette	Wisconsin	4076	31B						6
West Marinette	Wisconsin	4076	32A						13
West Marinette	Wisconsin	4076	32B						14
Weston	Wisconsin	4078	1	759	736	885	631	789	629
Weston	Wisconsin	4078	2	793	802	637	604	545	559
Weston	Wisconsin	4078	3	1,294	1,246	1,795	1,509	1,438	1,067
Weston	Wisconsin	4078	32A						0
Weston	Wisconsin	4078	32B						2
Weston	Wisconsin	4078	4						
Wheaton Generating Plant	Wisconsin	4014	1						1
Wheaton Generating Plant	Wisconsin	4014	2						1
Wheaton Generating Plant	Wisconsin	4014	3						1
Wheaton Generating Plant	Wisconsin	4014	4						1
Wheaton Generating Plant	Wisconsin	4014	5						0
Wheaton Generating Plant	Wisconsin	4014	6						1
Whitewater Cogeneration Facility	Wisconsin	55011	01	15	12	24	26	29	20

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
						Highest value of columns BX - CE			
Calculation									
Valley (WEPCO)	Wisconsin	4042	4	129	181	449			
West Marinette	Wisconsin	4076	**33	6	10	57			
West Marinette	Wisconsin	4076	**34	0	0	13			
West Marinette	Wisconsin	4076	31A	2	0	6			
West Marinette	Wisconsin	4076	31B	2	0	6			
West Marinette	Wisconsin	4076	32A	2	0	13			
West Marinette	Wisconsin	4076	32B	1	0	14			
Weston	Wisconsin	4078	1	144	156	885			
Weston	Wisconsin	4078	2	234	342	802			
Weston	Wisconsin	4078	3	953	631	1,795			
Weston	Wisconsin	4078	32A	1	0	1			
Weston	Wisconsin	4078	32B	1	0	2			
Weston	Wisconsin	4078	4	332	442	442			
Wheaton Generating Plant	Wisconsin	4014	1	4	10	10			
Wheaton Generating Plant	Wisconsin	4014	2	5	10	10			
Wheaton Generating Plant	Wisconsin	4014	3	3	24	24			
Wheaton Generating Plant	Wisconsin	4014	4	3	20	20			
Wheaton Generating Plant	Wisconsin	4014	5	2	2	2			
Wheaton Generating Plant	Wisconsin	4014	6	2	2	2			
Whitewater Cogeneration Facility	Wisconsin	55011	01	27	26	29			

Plant Name	State	ORIS ID	Boiler ID	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Steps 9 & 10	
							Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation							(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG)	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Valley (WEPCO)	Wisconsin	4042	4					
West Marinette	Wisconsin	4076	**33					
West Marinette	Wisconsin	4076	**34					
West Marinette	Wisconsin	4076	31A					
West Marinette	Wisconsin	4076	31B					
West Marinette	Wisconsin	4076	32A					
West Marinette	Wisconsin	4076	32B					
Weston	Wisconsin	4078	1					
Weston	Wisconsin	4078	2					
Weston	Wisconsin	4078	3					
Weston	Wisconsin	4078	32A					
Weston	Wisconsin	4078	32B					
Weston	Wisconsin	4078	4					
Wheaton Generating Plant	Wisconsin	4014	1					
Wheaton Generating Plant	Wisconsin	4014	2					
Wheaton Generating Plant	Wisconsin	4014	3					
Wheaton Generating Plant	Wisconsin	4014	4					
Wheaton Generating Plant	Wisconsin	4014	5					
Wheaton Generating Plant	Wisconsin	4014	6					
Whitewater Cogeneration Facility	Wisconsin	55011	01					

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)	
Valley (WEPCO)	Wisconsin	4042	4					Y
West Marinette	Wisconsin	4076	**33					Y
West Marinette	Wisconsin	4076	**34					Y
West Marinette	Wisconsin	4076	31A					Y
West Marinette	Wisconsin	4076	31B					Y
West Marinette	Wisconsin	4076	32A					Y
West Marinette	Wisconsin	4076	32B					Y
Weston	Wisconsin	4078	1					Y
Weston	Wisconsin	4078	2					Y
Weston	Wisconsin	4078	3					Y
Weston	Wisconsin	4078	32A					Y
Weston	Wisconsin	4078	32B					Y
Weston	Wisconsin	4078	4					Y
Wheaton Generating Plant	Wisconsin	4014	1					Y
Wheaton Generating Plant	Wisconsin	4014	2					Y
Wheaton Generating Plant	Wisconsin	4014	3					Y
Wheaton Generating Plant	Wisconsin	4014	4					Y
Wheaton Generating Plant	Wisconsin	4014	5					Y
Wheaton Generating Plant	Wisconsin	4014	6					Y
Whitewater Cogeneration Facility	Wisconsin	55011	01					Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Valley (WEPCO)	Wisconsin	4042	4	Y		Y		
West Marinette	Wisconsin	4076	**33	Y		Y		
West Marinette	Wisconsin	4076	**34	Y		Y		
West Marinette	Wisconsin	4076	31A	Y		Y		
West Marinette	Wisconsin	4076	31B	Y		Y		
West Marinette	Wisconsin	4076	32A	Y		Y		
West Marinette	Wisconsin	4076	32B	Y		Y		
Weston	Wisconsin	4078	1	Y		Y		
Weston	Wisconsin	4078	2	Y		Y		
Weston	Wisconsin	4078	3	Y		Y		
Weston	Wisconsin	4078	32A	Y		Y		
Weston	Wisconsin	4078	32B	Y		Y		
Weston	Wisconsin	4078	4	Y		Y		Y
Wheaton Generating Plant	Wisconsin	4014	1	Y		Y		
Wheaton Generating Plant	Wisconsin	4014	2	Y		Y		
Wheaton Generating Plant	Wisconsin	4014	3	Y		Y		
Wheaton Generating Plant	Wisconsin	4014	4	Y		Y		
Wheaton Generating Plant	Wisconsin	4014	5	Y		Y		
Wheaton Generating Plant	Wisconsin	4014	6	Y		Y		
Whitewater Cogeneration Facility	Wisconsin	55011	01	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Carl Bailey	Arkansas	202	01						
Cecil Lynch	Arkansas	167	2						
Cecil Lynch	Arkansas	167	3						
City Water & Light - City of Jonesboro	Arkansas	56505	SN04						
City Water & Light - City of Jonesboro	Arkansas	56505	SN06						
City Water & Light - City of Jonesboro	Arkansas	56505	SN07						
Dell Power Plant	Arkansas	55340	1						
Dell Power Plant	Arkansas	55340	2						
Flint Creek Power Plant	Arkansas	6138	1						
Fulton	Arkansas	7825	CT1						
Hamilton Moses	Arkansas	168	1						
Hamilton Moses	Arkansas	168	2						
Harry D. Mattison Power Plant	Arkansas	56328	1						
Harry D. Mattison Power Plant	Arkansas	56328	2						
Harry D. Mattison Power Plant	Arkansas	56328	3						
Harry D. Mattison Power Plant	Arkansas	56328	4						
Harvey Couch	Arkansas	169	1						
Harvey Couch	Arkansas	169	2						
Hot Spring Energy Facility	Arkansas	55418	CT-1						
Hot Spring Energy Facility	Arkansas	55418	CT-2						
Hot Spring Power Co., LLC	Arkansas	55714	SN-01						
Hot Spring Power Co., LLC	Arkansas	55714	SN-02						
Independence	Arkansas	6641	1						
Independence	Arkansas	6641	2						
Lake Catherine	Arkansas	170	1						
Lake Catherine	Arkansas	170	2						
Lake Catherine	Arkansas	170	3						
Lake Catherine	Arkansas	170	4						
McClellan	Arkansas	203	01						
Oswald Generating Station	Arkansas	55221	G1						
Oswald Generating Station	Arkansas	55221	G2						
Oswald Generating Station	Arkansas	55221	G3						
Oswald Generating Station	Arkansas	55221	G4						
Oswald Generating Station	Arkansas	55221	G5						
Oswald Generating Station	Arkansas	55221	G6						
Oswald Generating Station	Arkansas	55221	G7						
Pine Bluff Energy Center	Arkansas	55075	CT-1						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Robert E Ritchie	Arkansas	173	2						
Thomas Fitzhugh	Arkansas	201	2						
Union Power Station	Arkansas	55380	CTG-1						
Union Power Station	Arkansas	55380	CTG-2						
Union Power Station	Arkansas	55380	CTG-3						
Union Power Station	Arkansas	55380	CTG-4						
Union Power Station	Arkansas	55380	CTG-5						
Union Power Station	Arkansas	55380	CTG-6						
Union Power Station	Arkansas	55380	CTG-7						
Union Power Station	Arkansas	55380	CTG-8						
White Bluff	Arkansas	6009	1						
White Bluff	Arkansas	6009	2						
AL Sandersville	Georgia	55672	CT1			0	0	0	0
AL Sandersville	Georgia	55672	CT2			0	0	0	0
AL Sandersville	Georgia	55672	CT3			0	0	0	0
AL Sandersville	Georgia	55672	CT4			0	0	0	0
AL Sandersville	Georgia	55672	CT5			0	0	0	0
AL Sandersville	Georgia	55672	CT6			0	0	0	0
AL Sandersville	Georgia	55672	CT7			0	0	0	0
AL Sandersville	Georgia	55672	CT8			0	0	0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A			2	2	2	2
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B			2	2	2	2
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C			2	2	2	2
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D			2	2	2	2
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E			2	2	2	2
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F			2	2	2	2
Baconton	Georgia	55304	CT1			1	1	1	1
Baconton	Georgia	55304	CT4			1	1	1	1
Baconton	Georgia	55304	CT5			1	1	1	1
Baconton	Georgia	55304	CT6			1	1	1	1
Bowen	Georgia	703	1BLR			7,280	7,280	7,280	7,280
Bowen	Georgia	703	2BLR			7,646	7,646	7,646	7,646
Bowen	Georgia	703	3BLR			9,912	9,912	9,912	9,912
Bowen	Georgia	703	4BLR			9,188	9,188	9,188	9,188
Bowen	Georgia	703	6A			0	0	0	0
Bowen	Georgia	703	6B			0	0	0	0
Chattahoochee Energy Facility	Georgia	7917	8A			3	3	3	3

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Chattahoochee Energy Facility	Georgia	7917	8B			2	2	2	2
Dahlberg (Jackson County)	Georgia	7765	1			1	1	1	1
Dahlberg (Jackson County)	Georgia	7765	10			0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	2			1	1	1	1
Dahlberg (Jackson County)	Georgia	7765	3			0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	4			1	1	1	1
Dahlberg (Jackson County)	Georgia	7765	5			1	1	1	1
Dahlberg (Jackson County)	Georgia	7765	6			0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	7			0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	8			1	1	1	1
Dahlberg (Jackson County)	Georgia	7765	9			0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-1			0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-2			0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-3			0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-4			0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-5			0	0	0	0
Effingham County Power, LLC	Georgia	55406	1			3	3	3	3
Effingham County Power, LLC	Georgia	55406	2			3	3	3	3
Hammond	Georgia	708	1			802	802	802	802
Hammond	Georgia	708	2			872	872	872	872
Hammond	Georgia	708	3			863	863	863	863
Hammond	Georgia	708	4			4,232	4,232	4,232	4,232
Harllee Branch	Georgia	709	1			2,311	2,311	2,311	2,311
Harllee Branch	Georgia	709	2			2,905	2,905	2,905	2,905
Harllee Branch	Georgia	709	3			4,672	4,672	4,672	4,672
Harllee Branch	Georgia	709	4			4,410	4,410	4,410	4,410
Hartwell Energy Facility	Georgia	70454	MAG1			1	1	1	1
Hartwell Energy Facility	Georgia	70454	MAG2			1	1	1	1
Hawk Road Energy Facility	Georgia	55141	CT1			0	0	0	0
Hawk Road Energy Facility	Georgia	55141	CT2			0	0	0	0
Hawk Road Energy Facility	Georgia	55141	CT3			0	0	0	0
Jack McDonough	Georgia	710	3AA			0	0	0	0
Jack McDonough	Georgia	710	3AB			0	0	0	0
Jack McDonough	Georgia	710	3BA			0	0	0	0
Jack McDonough	Georgia	710	3BB			0	0	0	0
Jack McDonough	Georgia	710	MB1			2,421	2,421	2,421	2,421
Jack McDonough	Georgia	710	MB2			2,582	2,582	2,582	2,582

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Kraft	Georgia	733	1			556	556	556	556
Kraft	Georgia	733	2			523	523	523	523
Kraft	Georgia	733	3			1,132	1,132	1,132	1,132
Kraft	Georgia	733	4			27	27	27	27
MPC Generating, LLC	Georgia	7764	1			2	2	2	2
MPC Generating, LLC	Georgia	7764	2			3	3	3	3
McIntosh (6124)	Georgia	6124	1			1,299	1,299	1,299	1,299
McIntosh (6124)	Georgia	6124	CT1			10	10	10	10
McIntosh (6124)	Georgia	6124	CT2			8	8	8	8
McIntosh (6124)	Georgia	6124	CT3			11	11	11	11
McIntosh (6124)	Georgia	6124	CT4			7	7	7	7
McIntosh (6124)	Georgia	6124	CT5			10	10	10	10
McIntosh (6124)	Georgia	6124	CT6			9	9	9	9
McIntosh (6124)	Georgia	6124	CT7			9	9	9	9
McIntosh (6124)	Georgia	6124	CT8			8	8	8	8
McIntosh Combined Cycle Facility	Georgia	56150	10A			4	4	4	4
McIntosh Combined Cycle Facility	Georgia	56150	10B			4	4	4	4
McIntosh Combined Cycle Facility	Georgia	56150	11A			4	4	4	4
McIntosh Combined Cycle Facility	Georgia	56150	11B			4	4	4	4
McManus	Georgia	715	1			15	15	15	15
McManus	Georgia	715	2			22	22	22	22
McManus	Georgia	715	3A			2	2	2	2
McManus	Georgia	715	3B			2	2	2	2
McManus	Georgia	715	3C			2	2	2	2
McManus	Georgia	715	4A			2	2	2	2
McManus	Georgia	715	4B			2	2	2	2
McManus	Georgia	715	4C			2	2	2	2
McManus	Georgia	715	4D			2	2	2	2
McManus	Georgia	715	4E			1	1	1	1
McManus	Georgia	715	4F			2	2	2	2
Mid-Georgia Cogeneration	Georgia	55040	1			2	2	2	2
Mid-Georgia Cogeneration	Georgia	55040	2			1	1	1	1
Mitchell (GA)	Georgia	727	3			900	900	900	900
Mitchell (GA)	Georgia	727	4AA			0	0	0	0
Mitchell (GA)	Georgia	727	4AB			0	0	0	0
Mitchell (GA)	Georgia	727	4BA			0	0	0	0
Mitchell (GA)	Georgia	727	4BB			0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Mitchell (GA)	Georgia	727	4CA			1	1	1	1
Mitchell (GA)	Georgia	727	4CB			1	1	1	1
Murray Energy Facility	Georgia	55382	CCCT1			2	2	2	2
Murray Energy Facility	Georgia	55382	CCCT2			2	2	2	2
Murray Energy Facility	Georgia	55382	CCCT3			2	2	2	2
Murray Energy Facility	Georgia	55382	CCCT4			2	2	2	2
Robins	Georgia	7348	CT1			6	6	6	6
Robins	Georgia	7348	CT2			6	6	6	6
SEGCO Bainbridge	Georgia	56015	P1A			0	0	0	0
SEGCO Bainbridge	Georgia	56015	P1B			0	0	0	0
SEGCO Bainbridge	Georgia	56015	P2A			0	0	0	0
SEGCO Bainbridge	Georgia	56015	P2B			0	0	0	0
Scherer	Georgia	6257	1			9,796	9,796	9,796	9,796
Scherer	Georgia	6257	2			10,067	10,067	10,067	10,067
Scherer	Georgia	6257	3			9,717	9,717	9,717	9,717
Scherer	Georgia	6257	4			9,930	9,930	9,930	9,930
Sewell Creek Energy	Georgia	7813	1			0	0	0	0
Sewell Creek Energy	Georgia	7813	2			0	0	0	0
Sewell Creek Energy	Georgia	7813	3			0	0	0	0
Sewell Creek Energy	Georgia	7813	4			0	0	0	0
Smarr Energy Facility	Georgia	7829	1			0	0	0	0
Smarr Energy Facility	Georgia	7829	2			0	0	0	0
Sowega Power Project	Georgia	7768	CT2			0	0	0	0
Sowega Power Project	Georgia	7768	CT3			0	0	0	0
Talbot Energy Facility	Georgia	7916	1			0	0	0	0
Talbot Energy Facility	Georgia	7916	2			0	0	0	0
Talbot Energy Facility	Georgia	7916	3			0	0	0	0
Talbot Energy Facility	Georgia	7916	4			0	0	0	0
Talbot Energy Facility	Georgia	7916	5			1	1	1	1
Talbot Energy Facility	Georgia	7916	6			1	1	1	1
Tenaska Georgia Generating Station	Georgia	55061	CT1			0	0	0	0
Tenaska Georgia Generating Station	Georgia	55061	CT2			0	0	0	0
Tenaska Georgia Generating Station	Georgia	55061	CT3			0	0	0	0
Tenaska Georgia Generating Station	Georgia	55061	CT4			1	1	1	1
Tenaska Georgia Generating Station	Georgia	55061	CT5			1	1	1	1
Tenaska Georgia Generating Station	Georgia	55061	CT6			1	1	1	1
Walton County Power, LLC	Georgia	55128	T1			0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Walton County Power, LLC	Georgia	55128	T2			0	0	0	0
Walton County Power, LLC	Georgia	55128	T3			0	0	0	0
Wansley (6052)	Georgia	6052	1			9,118	9,118	9,118	9,118
Wansley (6052)	Georgia	6052	2			8,780	8,780	8,780	8,780
Wansley (6052)	Georgia	6052	5A			1	1	1	1
Wansley (6052)	Georgia	6052	6A			3	3	3	3
Wansley (6052)	Georgia	6052	6B			3	3	3	3
Wansley (6052)	Georgia	6052	7A			3	3	3	3
Wansley (6052)	Georgia	6052	7B			3	3	3	3
Wansley (7946)	Georgia	7946	CT9A			1	1	1	1
Wansley (7946)	Georgia	7946	CT9B			1	1	1	1
Washington County Power, LLC	Georgia	55332	T1			0	0	0	0
Washington County Power, LLC	Georgia	55332	T2			0	0	0	0
Washington County Power, LLC	Georgia	55332	T3			0	0	0	0
Washington County Power, LLC	Georgia	55332	T4			0	0	0	0
West Georgia Generating Facility	Georgia	55267	1			0	0	0	0
West Georgia Generating Facility	Georgia	55267	2			3	3	3	3
West Georgia Generating Facility	Georgia	55267	3			0	0	0	0
West Georgia Generating Facility	Georgia	55267	4			0	0	0	0
Yates	Georgia	728	Y1BR			613	613	613	613
Yates	Georgia	728	Y2BR			856	856	856	856
Yates	Georgia	728	Y3BR			793	793	793	793
Yates	Georgia	728	Y4BR			1,140	1,140	1,140	1,140
Yates	Georgia	728	Y5BR			1,072	1,072	1,072	1,072
Yates	Georgia	728	Y6BR			3,171	3,171	3,171	3,171
Yates	Georgia	728	Y7BR			3,029	3,029	3,029	3,029
A B Brown Generating Station	Indiana	6137	1	3,836	3,881	2,174	2,174	2,174	2,174
A B Brown Generating Station	Indiana	6137	2	3,966	4,012	2,248	2,248	2,248	2,248
A B Brown Generating Station	Indiana	6137	3	1	1	1	1	1	1
A B Brown Generating Station	Indiana	6137	4	0	0	0	0	0	0
Alcoa Allowance Management Inc	Indiana	6705	4	5,717	5,784	3,240	3,240	3,240	3,240
Anderson	Indiana	7336	ACT1	1	1	1	1	1	1
Anderson	Indiana	7336	ACT2	1	1	1	1	1	1
Anderson	Indiana	7336	ACT3	0	0	0	0	0	0
Bailly Generating Station	Indiana	995	10	0	0	0	0	0	0
Bailly Generating Station	Indiana	995	7	2,665	2,696	1,511	1,511	1,511	1,511
Bailly Generating Station	Indiana	995	8	4,576	4,629	2,594	2,594	2,594	2,594

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Broadway Avenue Generating Station	Indiana	1011	1	0	0	0	0	0	0
Broadway Avenue Generating Station	Indiana	1011	2	0	0	0	0	0	0
Cayuga	Indiana	1001	1	7,205	7,289	4,084	4,084	4,084	4,084
Cayuga	Indiana	1001	2	7,105	7,187	4,027	4,027	4,027	4,027
Cayuga	Indiana	1001	4	1	1	1	1	1	1
Clifty Creek	Indiana	983	1	3,053	3,088	1,730	1,730	1,730	1,730
Clifty Creek	Indiana	983	2	3,286	3,324	1,862	1,862	1,862	1,862
Clifty Creek	Indiana	983	3	3,133	3,169	1,776	1,776	1,776	1,776
Clifty Creek	Indiana	983	4	3,054	3,090	1,731	1,731	1,731	1,731
Clifty Creek	Indiana	983	5	3,284	3,323	1,862	1,862	1,862	1,862
Clifty Creek	Indiana	983	6	3,134	3,171	1,777	1,777	1,777	1,777
Connersville Peaking Station	Indiana	1002	1A	0	0	0	0	0	0
Connersville Peaking Station	Indiana	1002	1B	0	0	0	0	0	0
Connersville Peaking Station	Indiana	1002	2A	0	0	0	0	0	0
Connersville Peaking Station	Indiana	1002	2B	0	0	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	11	0	0	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	4	0	0	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	5	0	0	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	6	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	1	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	2	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	3	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	4	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	5	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	6	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	7	0	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	8	0	0	0	0	0	0
Edwardsport	Indiana	1004	6-1	1	1	1	1	1	1
Edwardsport	Indiana	1004	7-1	245	248	139	139	139	139
Edwardsport	Indiana	1004	7-2	209	212	119	119	119	119
Edwardsport	Indiana	1004	8-1	253	256	143	143	143	143
F B Culley Generating Station	Indiana	1012	2	1,488	1,488	967	967	967	967
F B Culley Generating Station	Indiana	1012	3	2,923	2,923	2,923	2,923	2,923	2,923
Frank E Ratts	Indiana	1043	1SG1	1,998	2,022	1,133	1,133	1,133	1,133
Frank E Ratts	Indiana	1043	2SG1	2,099	2,123	1,190	1,190	1,190	1,190
Georgetown Substation	Indiana	7759	GT1	0	0	0	0	0	0
Georgetown Substation	Indiana	7759	GT2	0	0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Georgetown Substation	Indiana	7759	GT3	0	0	0	0	0	0
Georgetown Substation	Indiana	7759	GT4	0	0	0	0	0	0
Gibson	Indiana	6113	1	10,046	10,163	5,694	5,694	5,694	5,694
Gibson	Indiana	6113	2	9,922	10,038	5,624	5,624	5,624	5,624
Gibson	Indiana	6113	3	10,731	10,856	6,082	6,082	6,082	6,082
Gibson	Indiana	6113	4	9,178	9,178	5,615	5,615	5,615	5,615
Gibson	Indiana	6113	5	8,513	8,612	4,825	4,825	4,825	4,825
Harding Street Station (EW Stout)	Indiana	990	10	1	1	1	1	1	1
Harding Street Station (EW Stout)	Indiana	990	50	1,533	1,551	869	869	869	869
Harding Street Station (EW Stout)	Indiana	990	60	1,462	1,480	829	829	829	829
Harding Street Station (EW Stout)	Indiana	990	70	5,778	5,846	3,275	3,275	3,275	3,275
Harding Street Station (EW Stout)	Indiana	990	9	1	1	1	1	1	1
Harding Street Station (EW Stout)	Indiana	990	GT4	2	2	2	2	2	2
Harding Street Station (EW Stout)	Indiana	990	GT5	2	2	2	2	2	2
Harding Street Station (EW Stout)	Indiana	990	GT6	0	0	0	0	0	0
Henry County Generating Station	Indiana	7763	1	0	0	0	0	0	0
Henry County Generating Station	Indiana	7763	2	0	0	0	0	0	0
Henry County Generating Station	Indiana	7763	3	0	0	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	1	0	0	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	2	0	0	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	3	0	0	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	4	0	0	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	5	0	0	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	6	0	0	0	0	0	0
IPL Eagle Valley Generating Station	Indiana	991	1	1	1	1	1	1	1
IPL Eagle Valley Generating Station	Indiana	991	2	1	1	1	1	1	1
IPL Eagle Valley Generating Station	Indiana	991	3	517	523	293	293	293	293
IPL Eagle Valley Generating Station	Indiana	991	4	831	841	471	471	471	471
IPL Eagle Valley Generating Station	Indiana	991	5	696	704	394	394	394	394
IPL Eagle Valley Generating Station	Indiana	991	6	1,296	1,311	734	734	734	734
Lawrenceburg Energy Facility	Indiana	55502	1	1	1	1	1	1	1
Lawrenceburg Energy Facility	Indiana	55502	2	1	1	1	1	1	1
Lawrenceburg Energy Facility	Indiana	55502	3	1	1	1	1	1	1
Lawrenceburg Energy Facility	Indiana	55502	4	1	1	1	1	1	1
Merom	Indiana	6213	1SG1	8,652	8,753	4,904	4,904	4,904	4,904
Merom	Indiana	6213	2SG1	8,548	8,648	4,845	4,845	4,845	4,845
Michigan City Generating Station	Indiana	997	12	6,373	6,447	3,612	3,612	3,612	3,612

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Michigan City Generating Station	Indiana	997	4	0	0	0	0	0	0
Michigan City Generating Station	Indiana	997	5	0	0	0	0	0	0
Michigan City Generating Station	Indiana	997	6	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT1	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT2	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G2CT1	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G2CT2	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G3CT1	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G3CT2	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G4CT1	0	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G4CT2	0	0	0	0	0	0
Noblesville	Indiana	1007	CT3	0	0	0	0	0	0
Noblesville	Indiana	1007	CT4	0	0	0	0	0	0
Noblesville	Indiana	1007	CT5	0	0	0	0	0	0
Petersburg	Indiana	994	1	3,797	3,841	2,152	2,152	2,152	2,152
Petersburg	Indiana	994	2	2,358	2,358	2,358	2,358	2,358	2,358
Petersburg	Indiana	994	3	9,668	9,780	5,480	5,480	5,480	5,480
Petersburg	Indiana	994	4	9,327	9,435	5,286	5,286	5,286	5,286
Portside Energy	Indiana	55096	GT	8	8	8	8	8	8
R Gallagher	Indiana	1008	1	1,481	0	0	0	0	0
R Gallagher	Indiana	1008	2	1,672	1,691	948	948	948	948
R Gallagher	Indiana	1008	3	1,566	0	0	0	0	0
R Gallagher	Indiana	1008	4	1,601	1,619	907	907	907	907
R M Schahfer Generating Station	Indiana	6085	14	6,833	6,913	3,873	3,873	3,873	3,873
R M Schahfer Generating Station	Indiana	6085	15	8,061	8,155	4,569	4,569	4,569	4,569
R M Schahfer Generating Station	Indiana	6085	16A	0	0	0	0	0	0
R M Schahfer Generating Station	Indiana	6085	16B	0	0	0	0	0	0
R M Schahfer Generating Station	Indiana	6085	17	6,414	6,489	3,636	3,636	3,636	3,636
R M Schahfer Generating Station	Indiana	6085	18	6,568	6,644	3,723	3,723	3,723	3,723
Richmond (IN)	Indiana	7335	RCT1	1	1	1	1	1	1
Richmond (IN)	Indiana	7335	RCT2	0	0	0	0	0	0
Rockport	Indiana	6166	MB1	21,716	21,969	12,309	12,309	12,309	12,309
Rockport	Indiana	6166	MB2	20,320	20,556	11,517	11,517	11,517	11,517
State Line Generating Station (IN)	Indiana	981	3	3,081	3,116	1,746	1,746	1,746	1,746
State Line Generating Station (IN)	Indiana	981	4	4,888	4,945	2,771	2,771	2,771	2,771
Sugar Creek Generating Station	Indiana	55364	CT11	2	2	2	2	2	2
Sugar Creek Generating Station	Indiana	55364	CT12	2	2	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Tanners Creek	Indiana	988	U1	2,020	2,043	1,145	1,145	1,145	1,145
Tanners Creek	Indiana	988	U2	1,958	1,981	1,110	1,110	1,110	1,110
Tanners Creek	Indiana	988	U3	2,686	2,717	1,523	1,523	1,523	1,523
Tanners Creek	Indiana	988	U4	5,935	6,004	3,364	3,364	3,364	3,364
Wabash River Gen Station	Indiana	1010	1	1,112	1,112	1,112	1,112	1,112	1,112
Wabash River Gen Station	Indiana	1010	2	1,325	1,341	751	751	751	751
Wabash River Gen Station	Indiana	1010	3	1,282	1,297	727	727	727	727
Wabash River Gen Station	Indiana	1010	4	1,481	1,498	840	840	840	840
Wabash River Gen Station	Indiana	1010	5	1,359	1,374	770	770	770	770
Wabash River Gen Station	Indiana	1010	6	5,041	5,099	2,857	2,857	2,857	2,857
Wheatland Generating Facility LLC	Indiana	55224	EU-01	0	0	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-02	0	0	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-03	0	0	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-04	0	0	0	0	0	0
Whitewater Valley	Indiana	1040	1	300	304	170	170	170	170
Whitewater Valley	Indiana	1040	2	846	856	479	479	479	479
Whiting Clean Energy, Inc.	Indiana	55259	CT1	4	4	4	4	4	4
Whiting Clean Energy, Inc.	Indiana	55259	CT2	3	3	3	3	3	3
Worthington Generation	Indiana	55148	1	0	0	0	0	0	0
Worthington Generation	Indiana	55148	2	0	0	0	0	0	0
Worthington Generation	Indiana	55148	3	0	0	0	0	0	0
Worthington Generation	Indiana	55148	4	0	0	0	0	0	0
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	0	0	0	0	0	0
Chanute 2	Kansas	1268	14	0	0	0	0	0	0
Cimarron River	Kansas	1230	1	1	1	1	1	1	1
Clifton	Kansas	8037	T1	3	3	3	3	3	3
Coffeyville	Kansas	1271	4	0	0	0	0	0	0
East 12th Street	Kansas	7013	4	4	4	4	4	4	4
Emporia Energy Center	Kansas	56502	EEC1	0	0	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC2	0	0	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC3	0	0	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC4	0	0	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC5	0	0	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC6	0	0	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC7	0	0	0	0	0	0
Fort Dodge aka Judson Large	Kansas	1233	4	2	2	2	2	2	2
Garden City	Kansas	1336	S-2	0	0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Garden City	Kansas	1336	S4	0	0	0	0	0	0
Garden City	Kansas	1336	S5	0	0	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	1	326	326	326	326	326	326
Gordon Evans Energy Center	Kansas	1240	2	713	713	713	713	713	713
Gordon Evans Energy Center	Kansas	1240	E1CT	0	0	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	E2CT	0	0	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	E3CT	0	0	0	0	0	0
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	1	1	1	1	1	1
Holcomb	Kansas	108	SGU1	2,228	2,228	2,228	2,228	2,228	2,228
Hutchinson Energy Center	Kansas	1248	4	342	342	342	342	342	342
Hutchinson Energy Center	Kansas	1248	GT1	0	0	0	0	0	0
Hutchinson Energy Center	Kansas	1248	GT2	0	0	0	0	0	0
Hutchinson Energy Center	Kansas	1248	GT3	0	0	0	0	0	0
Hutchinson Energy Center	Kansas	1248	GT4	1	1	1	1	1	1
Jeffrey Energy Center	Kansas	6068	1	2,270	2,270	2,270	2,270	2,270	2,270
Jeffrey Energy Center	Kansas	6068	2	2,197	2,197	2,197	2,197	2,197	2,197
Jeffrey Energy Center	Kansas	6068	3	2,133	2,133	2,133	2,133	2,133	2,133
La Cygne	Kansas	1241	1	8,172	8,172	8,172	8,172	8,172	8,172
La Cygne	Kansas	1241	2	8,037	8,037	8,037	8,037	8,037	8,037
Lawrence Energy Center	Kansas	1250	3	739	739	739	739	739	739
Lawrence Energy Center	Kansas	1250	4	619	619	619	619	619	619
Lawrence Energy Center	Kansas	1250	5	4,028	4,028	4,028	4,028	4,028	4,028
McPherson 2	Kansas	1305	GT1	0	0	0	0	0	0
McPherson 2	Kansas	1305	GT2	0	0	0	0	0	0
McPherson 2	Kansas	1305	GT3	0	0	0	0	0	0
McPherson 3	Kansas	7515	1	0	0	0	0	0	0
Murray Gill Energy Center	Kansas	1242	1	0	0	0	0	0	0
Murray Gill Energy Center	Kansas	1242	2	45	45	45	45	45	45
Murray Gill Energy Center	Kansas	1242	3	235	235	235	235	235	235
Murray Gill Energy Center	Kansas	1242	4	168	168	168	168	168	168
Nearman Creek	Kansas	6064	CT4	7	7	7	7	7	7
Nearman Creek	Kansas	6064	N1	2,983	2,983	2,983	2,983	2,983	2,983
Neosho Energy Center	Kansas	1243	7	11	11	11	11	11	11
Osawatomie Generating Station	Kansas	7928	1	0	0	0	0	0	0
Quindaro	Kansas	1295	1	949	949	949	949	949	949
Quindaro	Kansas	1295	2	1,212	1,212	1,212	1,212	1,212	1,212
Quindaro	Kansas	1295	GT2	5	5	5	5	5	5

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Quindaro	Kansas	1295	GT3	5	5	5	5	5	5
Riverton	Kansas	1239	12	1	1	1	1	1	1
Riverton	Kansas	1239	39	401	401	401	401	401	401
Riverton	Kansas	1239	40	677	677	677	677	677	677
Tecumseh Energy Center	Kansas	1252	10	1,619	1,619	1,619	1,619	1,619	1,619
Tecumseh Energy Center	Kansas	1252	9	1,003	1,003	1,003	1,003	1,003	1,003
West Gardner Generating Station	Kansas	7929	1	0	0	0	0	0	0
West Gardner Generating Station	Kansas	7929	2	0	0	0	0	0	0
West Gardner Generating Station	Kansas	7929	3	0	0	0	0	0	0
West Gardner Generating Station	Kansas	7929	4	0	0	0	0	0	0
Acadia Power Station	Louisiana	55173	CT1						
Acadia Power Station	Louisiana	55173	CT2						
Acadia Power Station	Louisiana	55173	CT3						
Acadia Power Station	Louisiana	55173	CT4						
Arsenal Hill Power Plant	Louisiana	1416	5A						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4						
Big Cajun 1	Louisiana	1464	1B1						
Big Cajun 1	Louisiana	1464	1B2						
Big Cajun 1	Louisiana	1464	CTG1						
Big Cajun 1	Louisiana	1464	CTG2						
Big Cajun 2	Louisiana	6055	2B1						
Big Cajun 2	Louisiana	6055	2B2						
Big Cajun 2	Louisiana	6055	2B3						
Brame Energy Center	Louisiana	6190	1						
Brame Energy Center	Louisiana	6190	2						
Brame Energy Center	Louisiana	6190	3-1						
Brame Energy Center	Louisiana	6190	3-2						
Calcasieu Plant	Louisiana	55165	GTG1						
Calcasieu Plant	Louisiana	55165	GTG2						
Carville Energy Center	Louisiana	55404	COG01						
Carville Energy Center	Louisiana	55404	COG02						
Coughlin Power Station	Louisiana	1396	6-1						
Coughlin Power Station	Louisiana	1396	7-1						
Coughlin Power Station	Louisiana	1396	7-2						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
D G Hunter	Louisiana	6558	3						
D G Hunter	Louisiana	6558	4						
Doc Bonin	Louisiana	1443	1						
Doc Bonin	Louisiana	1443	2						
Doc Bonin	Louisiana	1443	3						
Dolet Hills Power Station	Louisiana	51	1						
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1						
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2						
Houma	Louisiana	1439	15						
Houma	Louisiana	1439	16						
Lieberman Power Plant	Louisiana	1417	3						
Lieberman Power Plant	Louisiana	1417	4						
Little Gypsy	Louisiana	1402	1						
Little Gypsy	Louisiana	1402	2						
Little Gypsy	Louisiana	1402	3						
Louisiana 1	Louisiana	1391	1A						
Louisiana 1	Louisiana	1391	2A						
Louisiana 1	Louisiana	1391	3A						
Louisiana 1	Louisiana	1391	4A						
Louisiana 1	Louisiana	1391	5A						
Michoud	Louisiana	1409	1						
Michoud	Louisiana	1409	2						
Michoud	Louisiana	1409	3						
Morgan City Electrical Gen Facility	Louisiana	1449	4						
Natchitoches	Louisiana	1450	10						
Nelson Industrial Steam Company	Louisiana	50030	1A						
Nelson Industrial Steam Company	Louisiana	50030	2A						
Ninemile Point	Louisiana	1403	1						
Ninemile Point	Louisiana	1403	2						
Ninemile Point	Louisiana	1403	3						
Ninemile Point	Louisiana	1403	4						
Ninemile Point	Louisiana	1403	5						
Ouachita Plant	Louisiana	55467	CTGEN1						
Ouachita Plant	Louisiana	55467	CTGEN2						
Ouachita Plant	Louisiana	55467	CTGEN3						
Perryville Power Station	Louisiana	55620	1-1						
Perryville Power Station	Louisiana	55620	1-2						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Perryville Power Station	Louisiana	55620	2-1						
Plaquemine Cogen Facility	Louisiana	55419	500						
Plaquemine Cogen Facility	Louisiana	55419	600						
Plaquemine Cogen Facility	Louisiana	55419	700						
Plaquemine Cogen Facility	Louisiana	55419	800						
R S Cogen	Louisiana	55117	RS-5						
R S Cogen	Louisiana	55117	RS-6						
R S Nelson	Louisiana	1393	3						
R S Nelson	Louisiana	1393	4						
R S Nelson	Louisiana	1393	6						
Sterlington	Louisiana	1404	10						
Sterlington	Louisiana	1404	7AB						
Sterlington	Louisiana	1404	7C						
T J Labbe Electric Generating Station	Louisiana	56108	U-1						
T J Labbe Electric Generating Station	Louisiana	56108	U-2						
Taft Cogeneration Facility	Louisiana	55089	CT1						
Taft Cogeneration Facility	Louisiana	55089	CT2						
Taft Cogeneration Facility	Louisiana	55089	CT3						
Teche Power Station	Louisiana	1400	2						
Teche Power Station	Louisiana	1400	3						
Waterford 1 & 2	Louisiana	8056	1						
Waterford 1 & 2	Louisiana	8056	2						
Waterford 1 & 2	Louisiana	8056	4						
Willow Glen	Louisiana	1394	1						
Willow Glen	Louisiana	1394	2						
Willow Glen	Louisiana	1394	3						
Willow Glen	Louisiana	1394	4						
Willow Glen	Louisiana	1394	5						
Attala Generating Plant	Mississippi	55220	A01						
Attala Generating Plant	Mississippi	55220	A02						
Batesville Generation Facility	Mississippi	55063	1						
Batesville Generation Facility	Mississippi	55063	2						
Batesville Generation Facility	Mississippi	55063	3						
Baxter Wilson	Mississippi	2050	1						
Baxter Wilson	Mississippi	2050	2						
Caledonia	Mississippi	55197	AA-001						
Caledonia	Mississippi	55197	AA-002						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Caledonia	Mississippi	55197	AA-003						
Chevron Cogenerating Station	Mississippi	2047	5						
Choctaw County Gen	Mississippi	55706	CTG1						
Choctaw County Gen	Mississippi	55706	CTG2						
Choctaw County Gen	Mississippi	55706	CTG3						
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001						
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002						
Crossroads Energy Center (CPU)	Mississippi	55395	CT01						
Crossroads Energy Center (CPU)	Mississippi	55395	CT02						
Crossroads Energy Center (CPU)	Mississippi	55395	CT03						
Crossroads Energy Center (CPU)	Mississippi	55395	CT04						
Daniel Electric Generating Plant	Mississippi	6073	1						
Daniel Electric Generating Plant	Mississippi	6073	2						
Daniel Electric Generating Plant	Mississippi	6073	3A						
Daniel Electric Generating Plant	Mississippi	6073	3B						
Daniel Electric Generating Plant	Mississippi	6073	4A						
Daniel Electric Generating Plant	Mississippi	6073	4B						
Delta	Mississippi	2051	1						
Delta	Mississippi	2051	2						
Gerald Andrus	Mississippi	8054	1						
Hinds Energy Facility	Mississippi	55218	H01						
Hinds Energy Facility	Mississippi	55218	H02						
Kemper County	Mississippi	7960	KCT1						
Kemper County	Mississippi	7960	KCT2						
Kemper County	Mississippi	7960	KCT3						
Kemper County	Mississippi	7960	KCT4						
Magnolia Facility	Mississippi	55451	CTG-1						
Magnolia Facility	Mississippi	55451	CTG-2						
Magnolia Facility	Mississippi	55451	CTG-3						
Moselle Generating Plant	Mississippi	2070	**4						
Moselle Generating Plant	Mississippi	2070	1						
Moselle Generating Plant	Mississippi	2070	2						
Moselle Generating Plant	Mississippi	2070	3						
Moselle Generating Plant	Mississippi	2070	5						
R D Morrow Senior Generating Plant	Mississippi	6061	1						
R D Morrow Senior Generating Plant	Mississippi	6061	2						
Red Hills Generation Facility	Mississippi	55076	AA001						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Red Hills Generation Facility	Mississippi	55076	AA002						
Rex Brown	Mississippi	2053	3						
Rex Brown	Mississippi	2053	4						
Silver Creek Generating Plant	Mississippi	7988	1						
Silver Creek Generating Plant	Mississippi	7988	2						
Silver Creek Generating Plant	Mississippi	7988	3						
Southaven Combined Cycle	Mississippi	55269	AA-001						
Southaven Combined Cycle	Mississippi	55269	AA-002						
Southaven Combined Cycle	Mississippi	55269	AA-003						
Sweatt Electric Generating Plant	Mississippi	2048	1						
Sweatt Electric Generating Plant	Mississippi	2048	2						
Sweatt Electric Generating Plant	Mississippi	2048	CTA						
Sweatt Electric Generating Plant	Mississippi	2048	CTB						
Sylvarena Generating Plant	Mississippi	7989	1						
Sylvarena Generating Plant	Mississippi	7989	2						
Sylvarena Generating Plant	Mississippi	7989	3						
Watson Electric Generating Plant	Mississippi	2049	1						
Watson Electric Generating Plant	Mississippi	2049	2						
Watson Electric Generating Plant	Mississippi	2049	3						
Watson Electric Generating Plant	Mississippi	2049	4						
Watson Electric Generating Plant	Mississippi	2049	5						
Watson Electric Generating Plant	Mississippi	2049	CTA						
Watson Electric Generating Plant	Mississippi	2049	CTB						
Asbury	Missouri	2076	1		4,126	3,180	3,180	3,180	3,180
Audrain Power Plant	Missouri	55234	CT1		0	0	0	0	0
Audrain Power Plant	Missouri	55234	CT2		0	0	0	0	0
Audrain Power Plant	Missouri	55234	CT3		0	0	0	0	0
Audrain Power Plant	Missouri	55234	CT4		0	0	0	0	0
Audrain Power Plant	Missouri	55234	CT5		0	0	0	0	0
Audrain Power Plant	Missouri	55234	CT6		0	0	0	0	0
Audrain Power Plant	Missouri	55234	CT7		0	0	0	0	0
Audrain Power Plant	Missouri	55234	CT8		0	0	0	0	0
Blue Valley	Missouri	2132	3		587	452	452	452	452
Chamois Power Plant	Missouri	2169	2		1,159	893	893	893	893
Chillicothe	Missouri	2122	GT1A		0	0	0	0	0
Chillicothe	Missouri	2122	GT1B		0	0	0	0	0
Chillicothe	Missouri	2122	GT2A		1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Chillicothe	Missouri	2122	GT2B		0	0	0	0	0
Columbia	Missouri	2123	6		102	78	78	78	78
Columbia	Missouri	2123	7		280	215	215	215	215
Columbia	Missouri	2123	8		0	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT01		0	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT02		0	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT03		0	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT04		0	0	0	0	0
Dogwood Energy Facility	Missouri	55178	CT-1		1	1	1	1	1
Dogwood Energy Facility	Missouri	55178	CT-2		1	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	1		0	0	0	0	0
Empire District Elec Co Energy Ctr	Missouri	6223	2		0	0	0	0	0
Empire District Elec Co Energy Ctr	Missouri	6223	3A		1	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	3B		1	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	4A		1	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	4B		1	1	1	1	1
Essex Power Plant	Missouri	7749	1		0	0	0	0	0
Fairgrounds	Missouri	2082	CT01		1	1	1	1	1
Greenwood Energy Center	Missouri	6074	1		1	1	1	1	1
Greenwood Energy Center	Missouri	6074	2		0	0	0	0	0
Greenwood Energy Center	Missouri	6074	3		0	0	0	0	0
Greenwood Energy Center	Missouri	6074	4		1	1	1	1	1
Hawthorn	Missouri	2079	5A		2,643	2,643	2,643	2,643	2,643
Hawthorn	Missouri	2079	6		0	0	0	0	0
Hawthorn	Missouri	2079	7		0	0	0	0	0
Hawthorn	Missouri	2079	8		0	0	0	0	0
Hawthorn	Missouri	2079	9		1	1	1	1	1
Higginsville Municipal Power Plant	Missouri	2131	4A		0	0	0	0	0
Higginsville Municipal Power Plant	Missouri	2131	4B		0	0	0	0	0
Holden Power Plant	Missouri	7848	1		0	0	0	0	0
Holden Power Plant	Missouri	7848	2		1	1	1	1	1
Holden Power Plant	Missouri	7848	3		0	0	0	0	0
Howard Bend	Missouri	2102	CT1A		1	1	1	1	1
Howard Bend	Missouri	2102	CT1B		1	1	1	1	1
Iatan	Missouri	6065	1		14,447	11,133	11,133	11,133	11,133
James River	Missouri	2161	**GT1		0	0	0	0	0
James River	Missouri	2161	**GT2		0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
James River	Missouri	2161	3		969	747	747	747	747
James River	Missouri	2161	4		1,100	847	847	847	847
James River	Missouri	2161	5		2,032	1,566	1,566	1,566	1,566
Labadie	Missouri	2103	1		11,752	9,056	9,056	9,056	9,056
Labadie	Missouri	2103	2		12,022	9,265	9,265	9,265	9,265
Labadie	Missouri	2103	3		12,500	9,633	9,633	9,633	9,633
Labadie	Missouri	2103	4		12,884	9,929	9,929	9,929	9,929
Lake Road	Missouri	2098	6		1,933	1,490	1,490	1,490	1,490
Lake Road	Missouri	2098	GT5		2	2	2	2	2
McCartney Generating Station	Missouri	7903	MGS1A		0	0	0	0	0
McCartney Generating Station	Missouri	7903	MGS1B		0	0	0	0	0
McCartney Generating Station	Missouri	7903	MGS2A		0	0	0	0	0
McCartney Generating Station	Missouri	7903	MGS2B		0	0	0	0	0
Meramec	Missouri	2104	1		3,019	2,326	2,326	2,326	2,326
Meramec	Missouri	2104	2		2,845	2,192	2,192	2,192	2,192
Meramec	Missouri	2104	3		5,021	3,869	3,869	3,869	3,869
Meramec	Missouri	2104	4		7,000	5,394	5,394	5,394	5,394
Meramec	Missouri	2104	CT01		1	1	1	1	1
Meramec	Missouri	2104	CT2A		0	0	0	0	0
Meramec	Missouri	2104	CT2B		0	0	0	0	0
Mexico	Missouri	6650	CT01		1	1	1	1	1
Moberly	Missouri	6651	CT01		2	2	2	2	2
Montrose	Missouri	2080	1		3,384	2,608	2,608	2,608	2,608
Montrose	Missouri	2080	2		3,315	2,555	2,555	2,555	2,555
Montrose	Missouri	2080	3		3,483	2,684	2,684	2,684	2,684
Moreau	Missouri	6652	CT01		2	1	1	1	1
New Madrid Power Plant	Missouri	2167	1		8,850	8,190	8,190	8,190	8,190
New Madrid Power Plant	Missouri	2167	2		7,628	7,628	7,628	7,628	7,628
Nodaway Power Plant	Missouri	7754	1		0	0	0	0	0
Nodaway Power Plant	Missouri	7754	2		0	0	0	0	0
Northeast Generating Station	Missouri	2081	11		0	0	0	0	0
Northeast Generating Station	Missouri	2081	12		0	0	0	0	0
Northeast Generating Station	Missouri	2081	13		0	0	0	0	0
Northeast Generating Station	Missouri	2081	14		0	0	0	0	0
Northeast Generating Station	Missouri	2081	15		0	0	0	0	0
Northeast Generating Station	Missouri	2081	16		0	0	0	0	0
Northeast Generating Station	Missouri	2081	17		1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Northeast Generating Station	Missouri	2081	18		0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT1A		0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT1B		0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT2A		0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT2B		0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT3A		0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT3B		0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT4A		0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT4B		0	0	0	0	0
Ralph Green Station	Missouri	2092	3		0	0	0	0	0
Rush Island	Missouri	6155	1		12,316	9,492	9,492	9,492	9,492
Rush Island	Missouri	6155	2		11,289	8,700	8,700	8,700	8,700
Sibley	Missouri	2094	1		1,037	799	799	799	799
Sibley	Missouri	2094	2		1,023	788	788	788	788
Sibley	Missouri	2094	3		6,536	5,037	5,037	5,037	5,037
Sikeston	Missouri	6768	1		5,923	4,564	4,564	4,564	4,564
Sioux	Missouri	2107	1		8,750	6,743	6,743	6,743	6,743
Sioux	Missouri	2107	2		7,894	6,083	6,083	6,083	6,083
South Harper Peaking Facility	Missouri	56151	1		0	0	0	0	0
South Harper Peaking Facility	Missouri	56151	2		0	0	0	0	0
South Harper Peaking Facility	Missouri	56151	3		0	0	0	0	0
Southwest	Missouri	6195	1		3,740	2,883	2,883	2,883	2,883
Southwest	Missouri	6195	CT1A		0	0	0	0	0
Southwest	Missouri	6195	CT1B		0	0	0	0	0
Southwest	Missouri	6195	CT2A		0	0	0	0	0
Southwest	Missouri	6195	CT2B		0	0	0	0	0
St. Francis Power Plant	Missouri	7604	1		1	1	1	1	1
St. Francis Power Plant	Missouri	7604	2		1	1	1	1	1
State Line (MO)	Missouri	7296	1		0	0	0	0	0
State Line (MO)	Missouri	7296	2-1		2	2	2	2	2
State Line (MO)	Missouri	7296	2-2		3	3	3	3	3
Thomas Hill Energy Center	Missouri	2168	MB1		3,193	2,982	2,982	2,982	2,982
Thomas Hill Energy Center	Missouri	2168	MB2		5,147	4,665	4,665	4,665	4,665
Thomas Hill Energy Center	Missouri	2168	MB3		11,281	9,621	9,621	9,621	9,621
Viaduct	Missouri	2096	CT01		0	0	0	0	0
Beatrice	Nebraska	8000	1	1	1	1	1	1	1
Beatrice	Nebraska	8000	2	1	1	1	1	1	1

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C W Burdick	Nebraska	2241	B-3	0	0	0	0	0	0
C W Burdick	Nebraska	2241	GT-2	2	2	2	2	2	2
C W Burdick	Nebraska	2241	GT-3	2	2	2	2	2	2
Canaday	Nebraska	2226	1	82	82	82	82	82	82
Cass County Station	Nebraska	55972	CT1	0	0	0	0	0	0
Cass County Station	Nebraska	55972	CT2	0	0	0	0	0	0
Gerald Gentleman Station	Nebraska	6077	1	13,780	13,780	13,780	13,780	13,780	13,780
Gerald Gentleman Station	Nebraska	6077	2	15,116	15,116	15,116	15,116	15,116	15,116
Gerald Whelan Energy Center	Nebraska	60	1	1,722	1,722	1,722	1,722	1,722	1,722
Hallam	Nebraska	2265	1	4	4	4	4	4	4
Hebron	Nebraska	2266	1	2	2	2	2	2	2
J Street	Nebraska	2250	1	0	0	0	0	0	0
Jones Street	Nebraska	2290	1	1	1	1	1	1	1
Jones Street	Nebraska	2290	2	1	1	1	1	1	1
Lon D Wright Power Plant	Nebraska	2240	50T	2	2	2	2	2	2
Lon D Wright Power Plant	Nebraska	2240	8	1,350	1,350	1,350	1,350	1,350	1,350
McCook	Nebraska	2271	1	2	2	2	2	2	2
Nebraska City Station	Nebraska	6096	1	12,313	12,313	12,313	12,313	12,313	12,313
Nebraska City Station	Nebraska	6096	2	3,377	3,377	3,377	3,377	3,377	3,377
North Omaha Station	Nebraska	2291	1	1,310	1,310	1,310	1,310	1,310	1,310
North Omaha Station	Nebraska	2291	2	1,784	1,784	1,784	1,784	1,784	1,784
North Omaha Station	Nebraska	2291	3	1,784	1,784	1,784	1,784	1,784	1,784
North Omaha Station	Nebraska	2291	4	2,064	2,064	2,064	2,064	2,064	2,064
North Omaha Station	Nebraska	2291	5	3,645	3,645	3,645	3,645	3,645	3,645
Platte	Nebraska	59	1	2,220	2,220	2,220	2,220	2,220	2,220
Rokeby	Nebraska	6373	1	2	2	2	2	2	2
Rokeby	Nebraska	6373	2	0	0	0	0	0	0
Rokeby	Nebraska	6373	3	0	0	0	0	0	0
Sarpy County	Nebraska	2292	1	5	5	5	5	5	5
Sarpy County	Nebraska	2292	2	5	5	5	5	5	5
Sarpy County Station	Nebraska	2292	CT3	1	1	1	1	1	1
Sarpy County Station	Nebraska	2292	CT4A	0	0	0	0	0	0
Sarpy County Station	Nebraska	2292	CT4B	0	0	0	0	0	0
Sarpy County Station	Nebraska	2292	CT5A	0	0	0	0	0	0
Sarpy County Station	Nebraska	2292	CT5B	0	0	0	0	0	0
Sheldon	Nebraska	2277	1	2,309	2,309	2,309	2,309	2,309	2,309
Sheldon	Nebraska	2277	2	2,544	2,544	2,544	2,544	2,544	2,544

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Terry Bundy Generating Station	Nebraska	7887	SVGS2	0	0	0	0	0	0
Terry Bundy Generating Station	Nebraska	7887	SVGS3	1	1	1	1	1	1
Terry Bundy Generating Station	Nebraska	7887	SVGS4	0	0	0	0	0	0
23rd and 3rd	New York	7910	2301	0	0	0	0	0	0
23rd and 3rd	New York	7910	2302	0	0	0	0	0	0
74th Street	New York	2504	120	139	139	102	102	102	102
74th Street	New York	2504	121	159	159	116	116	116	116
74th Street	New York	2504	122	144	144	105	105	105	105
AES Cayuga, LLC	New York	2535	1	1,172	1,172	855	855	855	855
AES Cayuga, LLC	New York	2535	2	1,163	1,163	848	848	848	848
AES Greenidge	New York	2527	4	58	58	42	42	42	42
AES Greenidge	New York	2527	5	50	50	37	37	37	37
AES Greenidge	New York	2527	6	671	671	490	490	490	490
AES Somerset (Kintigh)	New York	6082	1	5,147	5,147	3,754	3,754	3,754	3,754
AES Westover (Goudey)	New York	2526	13	497	497	363	363	363	363
AG - Energy	New York	10803	1	2	2	2	2	2	2
AG - Energy	New York	10803	2	1	1	1	1	1	1
Allegany Station No. 133	New York	10619	00001	0	0	0	0	0	0
Arthur Kill	New York	2490	20	3	3	3	3	3	3
Arthur Kill	New York	2490	30	3	3	3	3	3	3
Astoria Energy	New York	55375	CT1	5	5	5	5	5	5
Astoria Energy	New York	55375	CT2	5	5	5	5	5	5
Astoria Gas Turbine Power	New York	55243	CT2-1A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-1B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-2A	2	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-2B	2	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-3A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-3B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-4A	0	0	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT2-4B	0	0	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-1A	0	0	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-1B	0	0	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-2A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-2B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-3A	0	0	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-3B	0	0	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-4A	1	1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Astoria Gas Turbine Power	New York	55243	CT3-4B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-1A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-1B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-2A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-2B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-3A	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-3B	1	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-4A	2	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-4B	2	2	2	2	2	2
Astoria Generating Station	New York	8906	20	0	0	0	0	0	0
Astoria Generating Station	New York	8906	31RH	60	60	60	60	60	60
Astoria Generating Station	New York	8906	32SH	58	58	58	58	58	58
Astoria Generating Station	New York	8906	41SH	57	57	57	57	57	57
Astoria Generating Station	New York	8906	42RH	56	56	56	56	56	56
Astoria Generating Station	New York	8906	51RH	44	44	44	44	44	44
Astoria Generating Station	New York	8906	52SH	43	43	43	43	43	43
Athens Generating Company	New York	55405	1	5	5	5	5	5	5
Athens Generating Company	New York	55405	2	4	4	4	4	4	4
Athens Generating Company	New York	55405	3	5	5	5	5	5	5
Batavia Energy	New York	54593	1	0	0	0	0	0	0
Bayswater Peaking Facility	New York	55699	1	0	0	0	0	0	0
Bayswater Peaking Facility	New York	55699	2	7	7	7	7	7	7
Bethlehem Energy Center (Albany)	New York	2539	10001	4	4	4	4	4	4
Bethlehem Energy Center (Albany)	New York	2539	10002	3	3	3	3	3	3
Bethlehem Energy Center (Albany)	New York	2539	10003	3	3	3	3	3	3
Bethpage Energy Center	New York	50292	GT1	1	1	1	1	1	1
Bethpage Energy Center	New York	50292	GT2	1	1	1	1	1	1
Bethpage Energy Center	New York	50292	GT3	0	0	0	0	0	0
Bethpage Energy Center	New York	50292	GT4	1	1	1	1	1	1
Binghamton Cogen Plant	New York	55600	1	0	0	0	0	0	0
Black River Generation, LLC	New York	10464	E0001	91	91	91	91	91	91
Black River Generation, LLC	New York	10464	E0002	90	90	90	90	90	90
Black River Generation, LLC	New York	10464	E0003	90	90	90	90	90	90
Bowline Generating Station	New York	2625	1	358	358	261	261	261	261
Bowline Generating Station	New York	2625	2	139	139	102	102	102	102
Brentwood	New York	7912	BW01	0	0	0	0	0	0
Brooklyn Navy Yard Cogeneration	New York	54914	1	14	14	14	14	14	14

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Brooklyn Navy Yard Cogeneration	New York	54914	2	13	13	13	13	13	13
Caithness Long Island Energy Center	New York	56234	0001	4	4	4	4	4	4
Carr Street Generating Station	New York	50978	A	2	2	2	2	2	2
Carr Street Generating Station	New York	50978	B	2	2	2	2	2	2
Carthage Energy	New York	10620	1	2	2	2	2	2	2
Castleton Power, LLC	New York	10190	1	8	8	8	8	8	8
Charles Poletti	New York	2491	001	1,610	1,610	1,608	1,608	1,608	1,608
Dynegy Danskammer	New York	2480	1	28	28	20	20	20	20
Dynegy Danskammer	New York	2480	2	24	24	17	17	17	17
Dynegy Danskammer	New York	2480	3	966	966	704	704	704	704
Dynegy Danskammer	New York	2480	4	1,660	1,660	1,211	1,211	1,211	1,211
Dynegy Roseton	New York	8006	1	319	319	233	233	233	233
Dynegy Roseton	New York	8006	2	447	447	326	326	326	326
E F Barrett	New York	2511	10	316	316	316	316	316	316
E F Barrett	New York	2511	20	376	376	376	376	376	376
E F Barrett	New York	2511	U00012	3	3	3	3	3	3
E F Barrett	New York	2511	U00013	3	3	3	3	3	3
E F Barrett	New York	2511	U00014	2	2	2	2	2	2
E F Barrett	New York	2511	U00015	2	2	2	2	2	2
E F Barrett	New York	2511	U00016	5	5	5	5	5	5
E F Barrett	New York	2511	U00017	5	5	5	5	5	5
E F Barrett	New York	2511	U00018	6	6	6	6	6	6
E F Barrett	New York	2511	U00019	6	6	6	6	6	6
East River	New York	2493	1	4	4	4	4	4	4
East River	New York	2493	2	8	8	8	8	8	8
East River	New York	2493	60	427	427	427	427	427	427
East River	New York	2493	70	202	202	202	202	202	202
Edgewood Energy	New York	55786	CT01	0	0	0	0	0	0
Edgewood Energy	New York	55786	CT02	0	0	0	0	0	0
Equus Power I	New York	56032	0001	2	2	2	2	2	2
Far Rockaway	New York	2513	40	1	1	1	1	1	1
Fortistar North Tonawanda Inc	New York	54131	NTCT1	0	0	0	0	0	0
Freeport Power Plant No. 2	New York	2679	5	0	0	0	0	0	0
Glenwood	New York	2514	40	1	1	1	1	1	1
Glenwood	New York	2514	50	1	1	1	1	1	1
Glenwood	New York	2514	U00020	3	3	2	2	2	2
Glenwood	New York	2514	U00021	4	4	3	3	3	3

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Glenwood Landing Energy Center	New York	7869	UGT012	1	1	1	1	1	1
Glenwood Landing Energy Center	New York	7869	UGT013	1	1	1	1	1	1
Harlem River Yard	New York	7914	HR01	0	0	0	0	0	0
Harlem River Yard	New York	7914	HR02	0	0	0	0	0	0
Hawkeye Energy Greenport, LLC	New York	55969	U-01	17	17	17	17	17	17
Hell Gate	New York	7913	HG01	0	0	0	0	0	0
Hell Gate	New York	7913	HG02	0	0	0	0	0	0
Hillburn	New York	2628	001	0	0	0	0	0	0
Holtsville Facility	New York	8007	U00001	4	4	3	3	3	3
Holtsville Facility	New York	8007	U00002	4	4	3	3	3	3
Holtsville Facility	New York	8007	U00003	4	4	3	3	3	3
Holtsville Facility	New York	8007	U00004	4	4	3	3	3	3
Holtsville Facility	New York	8007	U00005	4	4	3	3	3	3
Holtsville Facility	New York	8007	U00006	4	4	3	3	3	3
Holtsville Facility	New York	8007	U00007	5	5	3	3	3	3
Holtsville Facility	New York	8007	U00008	5	5	3	3	3	3
Holtsville Facility	New York	8007	U00009	4	4	3	3	3	3
Holtsville Facility	New York	8007	U00010	4	4	3	3	3	3
Holtsville Facility	New York	8007	U00011	7	7	5	5	5	5
Holtsville Facility	New York	8007	U00012	7	7	5	5	5	5
Holtsville Facility	New York	8007	U00013	8	8	6	6	6	6
Holtsville Facility	New York	8007	U00014	8	8	6	6	6	6
Holtsville Facility	New York	8007	U00015	6	6	5	5	5	5
Holtsville Facility	New York	8007	U00016	6	6	5	5	5	5
Holtsville Facility	New York	8007	U00017	9	9	6	6	6	6
Holtsville Facility	New York	8007	U00018	9	9	6	6	6	6
Holtsville Facility	New York	8007	U00019	6	6	4	4	4	4
Holtsville Facility	New York	8007	U00020	6	6	4	4	4	4
Huntley Power	New York	2549	67	1,353	1,353	987	987	987	987
Huntley Power	New York	2549	68	1,320	1,320	963	963	963	963
Indeck-Corinth Energy Center	New York	50458	1	6	6	6	6	6	6
Indeck-Olean Energy Center	New York	54076	1	5	5	5	5	5	5
Indeck-Oswego Energy Center	New York	50450	1	0	0	0	0	0	0
Indeck-Silver Springs Energy Center	New York	50449	1	4	4	4	4	4	4
Indeck-Yerkes Energy Center	New York	50451	1	0	0	0	0	0	0
Independence	New York	54547	1	2	2	2	2	2	2
Independence	New York	54547	2	2	2	2	2	2	2

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Independence	New York	54547	3	2	2	2	2	2	2
Independence	New York	54547	4	2	2	2	2	2	2
KIAC Cogeneration	New York	54114	GT1	1	1	1	1	1	1
KIAC Cogeneration	New York	54114	GT2	1	1	1	1	1	1
Lockport	New York	54041	011854	0	0	0	0	0	0
Lockport	New York	54041	011855	0	0	0	0	0	0
Lockport	New York	54041	011856	0	0	0	0	0	0
Massena Energy Facility	New York	54592	001	0	0	0	0	0	0
NRG Dunkirk Power	New York	2554	1	678	678	494	494	494	494
NRG Dunkirk Power	New York	2554	2	718	718	523	523	523	523
NRG Dunkirk Power	New York	2554	3	1,195	1,195	871	871	871	871
NRG Dunkirk Power	New York	2554	4	1,126	1,126	821	821	821	821
Nassau Energy Corporation	New York	52056	00004	8	8	8	8	8	8
Niagara Generation, LLC	New York	50202	1	387	387	282	282	282	282
Nissequogue Cogen	New York	54149	1	11	11	11	11	11	11
North 1st	New York	7915	NO1	0	0	0	0	0	0
Northport	New York	2516	1	1,669	1,669	1,217	1,217	1,217	1,217
Northport	New York	2516	2	1,457	1,457	1,063	1,063	1,063	1,063
Northport	New York	2516	3	1,467	1,467	1,070	1,070	1,070	1,070
Northport	New York	2516	4	1,403	1,403	1,023	1,023	1,023	1,023
Oswego Harbor Power	New York	2594	5	112	112	82	82	82	82
Oswego Harbor Power	New York	2594	6	85	85	62	62	62	62
Pinelawn Power	New York	56188	00001	2	2	2	2	2	2
Poletti 500 MW CC	New York	56196	CTG7A	4	4	4	4	4	4
Poletti 500 MW CC	New York	56196	CTG7B	5	5	5	5	5	5
Port Jefferson Energy Center	New York	2517	3	626	626	456	456	456	456
Port Jefferson Energy Center	New York	2517	4	613	613	447	447	447	447
Port Jefferson Energy Center	New York	2517	UGT002	1	1	1	1	1	1
Port Jefferson Energy Center	New York	2517	UGT003	1	1	1	1	1	1
Pouch Terminal	New York	8053	PT01	0	0	0	0	0	0
Project Orange Facility	New York	54425	001	0	0	0	0	0	0
Project Orange Facility	New York	54425	002	1	1	1	1	1	1
Ravenswood Generating Station	New York	2500	10	880	880	642	642	642	642
Ravenswood Generating Station	New York	2500	20	674	674	492	492	492	492
Ravenswood Generating Station	New York	2500	30	1,670	1,670	1,218	1,218	1,218	1,218
Ravenswood Generating Station	New York	2500	CT02-1	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	CT02-2	0	0	0	0	0	0

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Ravenswood Generating Station	New York	2500	CT02-3	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	CT02-4	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-1	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-2	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-3	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-4	0	0	0	0	0	0
Ravenswood Generating Station	New York	2500	UCC001	5	5	5	5	5	5
Rensselaer Cogen	New York	54034	1GTDBS	1	1	1	1	1	1
Richard M Flynn (Holtsville)	New York	7314	001	94	94	94	94	94	94
S A Carlson	New York	2682	10	33	33	24	24	24	24
S A Carlson	New York	2682	11	0	0	0	0	0	0
S A Carlson	New York	2682	12	130	130	95	95	95	95
S A Carlson	New York	2682	20	0	0	0	0	0	0
S A Carlson	New York	2682	9	103	103	75	75	75	75
Saranac Power Partners, LP	New York	54574	00001	2	2	2	2	2	2
Saranac Power Partners, LP	New York	54574	00002	1	1	1	1	1	1
Selkirk Cogen Partners	New York	10725	CTG101	2	2	2	2	2	2
Selkirk Cogen Partners	New York	10725	CTG201	2	2	2	2	2	2
Selkirk Cogen Partners	New York	10725	CTG301	2	2	2	2	2	2
Shoemaker	New York	2632	1	0	0	0	0	0	0
Shoreham Energy	New York	55787	CT01	4	4	4	4	4	4
Shoreham Energy	New York	55787	CT02	4	4	4	4	4	4
Sterling Power Plant	New York	50744	00001	0	0	0	0	0	0
Syracuse Energy Corporation	New York	50651	BLR1	138	138	101	101	101	101
Syracuse Energy Corporation	New York	50651	BLR2	141	141	103	103	103	103
Syracuse Energy Corporation	New York	50651	BLR3	132	132	96	96	96	96
Syracuse Energy Corporation	New York	50651	BLR4	96	96	70	70	70	70
Syracuse Energy Corporation	New York	50651	BLR5	101	101	73	73	73	73
Vernon Boulevard	New York	7909	VB01	0	0	0	0	0	0
Vernon Boulevard	New York	7909	VB02	0	0	0	0	0	0
WPS Beaver Falls Generation, LLC	New York	10617	1	0	0	0	0	0	0
WPS Syracuse Generation, LLC	New York	10621	1	0	0	0	0	0	0
Wading River Facility	New York	7146	UGT007	35	35	27	27	27	27
Wading River Facility	New York	7146	UGT008	33	33	28	28	28	28
Wading River Facility	New York	7146	UGT009	33	33	29	29	29	29
Wading River Facility	New York	7146	UGT013	4	4	3	3	3	3
West Babylon Facility	New York	2521	UGT001	3	3	2	2	2	2

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AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	0	0	0	0
Ashtabula	Ohio	2835	7	3,767	3,820	1,682	1,682	1,682	1,682
Avon Lake Power Plant	Ohio	2836	10	799	811	357	357	357	357
Avon Lake Power Plant	Ohio	2836	12	6,692	6,786	2,988	2,988	2,988	2,988
Avon Lake Power Plant	Ohio	2836	CT10	1	1	1	1	1	1
Bay Shore	Ohio	2878	1	3,015	3,015	1,508	1,508	1,508	1,508
Bay Shore	Ohio	2878	2	2,180	2,211	973	973	973	973
Bay Shore	Ohio	2878	3	2,267	2,299	1,012	1,012	1,012	1,012
Bay Shore	Ohio	2878	4	3,563	3,613	1,591	1,591	1,591	1,591
Cardinal	Ohio	2828	1	7,489	7,595	3,343	3,343	3,343	3,343
Cardinal	Ohio	2828	2	7,783	7,892	3,474	3,474	3,474	3,474
Cardinal	Ohio	2828	3	9,760	9,897	4,357	4,357	4,357	4,357
Conesville	Ohio	2840	3	1,580	1,603	706	706	706	706
Conesville	Ohio	2840	4	9,245	9,376	4,127	4,127	4,127	4,127
Conesville	Ohio	2840	5	6,351	6,440	2,835	2,835	2,835	2,835
Conesville	Ohio	2840	6	5,962	6,046	2,661	2,661	2,661	2,661
Darby Electric Generating Station	Ohio	55247	CT1	0	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT2	0	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT3	0	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT4	0	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT5	0	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT6	0	0	0	0	0	0
Dicks Creek Station	Ohio	2831	1	0	0	0	0	0	0
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	2	2	2	2	2	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	2	2	2	2	2	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	2	2	2	2	2	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	2	2	2	2	2	2
Duke Energy Washington, II LLC	Ohio	55397	CT1	2	2	2	2	2	2
Duke Energy Washington, II LLC	Ohio	55397	CT2	2	2	2	2	2	2
Eastlake	Ohio	2837	1	1,843	1,869	823	823	823	823
Eastlake	Ohio	2837	2	2,012	2,040	898	898	898	898
Eastlake	Ohio	2837	3	1,951	1,978	871	871	871	871
Eastlake	Ohio	2837	4	3,781	3,834	1,688	1,688	1,688	1,688
Eastlake	Ohio	2837	5	8,571	8,692	3,826	3,826	3,826	3,826
Eastlake	Ohio	2837	6	5	5	2	2	2	2

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Frank M Tait Station	Ohio	2847	1	0	0	0	0	0	0
Frank M Tait Station	Ohio	2847	2	0	0	0	0	0	0
Frank M Tait Station	Ohio	2847	3	0	0	0	0	0	0
Gen J M Gavin	Ohio	8102	1	16,439	16,439	9,888	9,888	9,888	9,888
Gen J M Gavin	Ohio	8102	2	21,024	21,024	9,733	9,733	9,733	9,733
Greenville Electric Gen Station	Ohio	55228	G1CT1	0	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G1CT2	0	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G2CT1	0	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G2CT2	0	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G3CT1	0	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G3CT2	0	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G4CT1	0	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G4CT2	0	0	0	0	0	0
Hamilton Municipal Power Plant	Ohio	2917	9	800	811	357	357	357	357
J M Stuart	Ohio	2850	1	8,833	8,957	3,943	3,943	3,943	3,943
J M Stuart	Ohio	2850	2	9,028	9,155	4,030	4,030	4,030	4,030
J M Stuart	Ohio	2850	3	8,962	9,088	4,001	4,001	4,001	4,001
J M Stuart	Ohio	2850	4	8,319	8,437	3,714	3,714	3,714	3,714
Killen Station	Ohio	6031	2	10,069	10,211	4,495	4,495	4,495	4,495
Kyger Creek	Ohio	2876	1	3,164	3,209	1,412	1,412	1,412	1,412
Kyger Creek	Ohio	2876	2	3,174	3,219	1,417	1,417	1,417	1,417
Kyger Creek	Ohio	2876	3	3,118	3,162	1,392	1,392	1,392	1,392
Kyger Creek	Ohio	2876	4	3,271	3,317	1,460	1,460	1,460	1,460
Kyger Creek	Ohio	2876	5	3,268	3,314	1,459	1,459	1,459	1,459
Lake Shore	Ohio	2838	18	2,743	2,781	1,224	1,224	1,224	1,224
Mad River	Ohio	2860	A	2	2	2	2	2	2
Mad River	Ohio	2860	B	3	3	2	2	2	2
Madison Generating Station	Ohio	55110	1	0	0	0	0	0	0
Madison Generating Station	Ohio	55110	2	0	0	0	0	0	0
Madison Generating Station	Ohio	55110	3	0	0	0	0	0	0
Madison Generating Station	Ohio	55110	4	0	0	0	0	0	0
Madison Generating Station	Ohio	55110	5	0	0	0	0	0	0
Madison Generating Station	Ohio	55110	6	0	0	0	0	0	0
Madison Generating Station	Ohio	55110	7	0	0	0	0	0	0
Madison Generating Station	Ohio	55110	8	0	0	0	0	0	0
Miami Fort Generating Station	Ohio	2832	6	2,439	2,473	1,089	1,089	1,089	1,089
Miami Fort Generating Station	Ohio	2832	7	8,766	8,889	3,913	3,913	3,913	3,913

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Miami Fort Generating Station	Ohio	2832	8	7,835	7,945	3,498	3,498	3,498	3,498
Muskingum River	Ohio	2872	1	2,448	2,483	1,093	1,093	1,093	1,093
Muskingum River	Ohio	2872	2	2,422	2,456	1,081	1,081	1,081	1,081
Muskingum River	Ohio	2872	3	2,505	2,540	1,118	1,118	1,118	1,118
Muskingum River	Ohio	2872	4	2,349	2,382	1,049	1,049	1,049	1,049
Muskingum River	Ohio	2872	5	8,373	8,491	3,738	3,738	3,738	3,738
Niles	Ohio	2861	1	1,437	1,457	642	642	642	642
Niles	Ohio	2861	2	1,001	1,015	447	447	447	447
Niles	Ohio	2861	CTA	1	1	0	0	0	0
O H Hutchings	Ohio	2848	H-1	34	34	15	15	15	15
O H Hutchings	Ohio	2848	H-2	34	34	15	15	15	15
O H Hutchings	Ohio	2848	H-3	270	274	120	120	120	120
O H Hutchings	Ohio	2848	H-4	331	336	148	148	148	148
O H Hutchings	Ohio	2848	H-5	314	319	140	140	140	140
O H Hutchings	Ohio	2848	H-6	309	313	138	138	138	138
O H Hutchings	Ohio	2848	H-7	0	0	0	0	0	0
Omega JV2 Bowling Green	Ohio	7783	P001	0	0	0	0	0	0
Omega JV2 Hamilton	Ohio	7782	P001	0	0	0	0	0	0
Picway	Ohio	2843	9	962	976	430	430	430	430
R E Burger	Ohio	2864	5	44	45	20	20	20	20
R E Burger	Ohio	2864	6	42	43	19	19	19	19
R E Burger	Ohio	2864	7	2,102	2,131	938	938	938	938
R E Burger	Ohio	2864	8	2,056	2,085	918	918	918	918
Richard Gorsuch	Ohio	7253	1	940	0	0	0	0	0
Richard Gorsuch	Ohio	7253	2	974	0	0	0	0	0
Richard Gorsuch	Ohio	7253	3	916	0	0	0	0	0
Richard Gorsuch	Ohio	7253	4	904	0	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG4	0	0	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG5	0	0	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG6	0	0	0	0	0	0
Robert P Mone	Ohio	7872	1	0	0	0	0	0	0
Robert P Mone	Ohio	7872	2	0	0	0	0	0	0
Robert P Mone	Ohio	7872	3	0	0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-1	0	0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-2	0	0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-3	0	0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-4	0	0	0	0	0	0

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Rolling Hills Generating LLC	Ohio	55401	CT-5	0	0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT4	0	0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT5	0	0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT6	0	0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT7	0	0	0	0	0	0
Troy Energy, LLC	Ohio	55348	1	3	3	3	3	3	3
Troy Energy, LLC	Ohio	55348	2	1	1	1	1	1	1
Troy Energy, LLC	Ohio	55348	3	1	1	1	1	1	1
Troy Energy, LLC	Ohio	55348	4	2	2	2	2	2	2
W H Sammis	Ohio	2866	1	2,805	2,845	1,252	1,252	1,252	1,252
W H Sammis	Ohio	2866	2	2,809	2,849	1,254	1,254	1,254	1,254
W H Sammis	Ohio	2866	3	2,588	2,625	1,155	1,155	1,155	1,155
W H Sammis	Ohio	2866	4	2,434	2,469	1,087	1,087	1,087	1,087
W H Sammis	Ohio	2866	5	4,424	4,486	1,975	1,975	1,975	1,975
W H Sammis	Ohio	2866	6	9,817	9,955	4,382	4,382	4,382	4,382
W H Sammis	Ohio	2866	7	9,611	9,747	4,291	4,291	4,291	4,291
W H Zimmer Generating Station	Ohio	6019	1	19,867	20,148	8,869	8,869	8,869	8,869
Walter C Beckjord Generating Station	Ohio	2830	1	997	1,011	445	445	445	445
Walter C Beckjord Generating Station	Ohio	2830	2	1,024	1,039	457	457	457	457
Walter C Beckjord Generating Station	Ohio	2830	3	1,515	1,536	676	676	676	676
Walter C Beckjord Generating Station	Ohio	2830	4	2,157	2,188	963	963	963	963
Walter C Beckjord Generating Station	Ohio	2830	5	2,609	2,646	1,165	1,165	1,165	1,165
Walter C Beckjord Generating Station	Ohio	2830	6	5,755	5,836	2,569	2,569	2,569	2,569
Walter C Beckjord Generating Station	Ohio	2830	CT1	0	0	0	0	0	0
Walter C Beckjord Generating Station	Ohio	2830	CT2	0	0	0	0	0	0
Walter C Beckjord Generating Station	Ohio	2830	CT3	0	0	0	0	0	0
Walter C Beckjord Generating Station	Ohio	2830	CT4	0	0	0	0	0	0
Waterford Plant	Ohio	55503	1	1	1	1	1	1	1
Waterford Plant	Ohio	55503	2	1	1	1	1	1	1
Waterford Plant	Ohio	55503	3	1	1	1	1	1	1
West Lorain	Ohio	2869	1A	1	1	1	1	1	1
West Lorain	Ohio	2869	1B	1	1	1	1	1	1
West Lorain	Ohio	2869	2	1	1	1	1	1	1
West Lorain	Ohio	2869	3	1	1	1	1	1	1
West Lorain	Ohio	2869	4	1	1	1	1	1	1
West Lorain	Ohio	2869	5	1	1	1	1	1	1
West Lorain	Ohio	2869	6	1	1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Woodsdale	Ohio	7158	**GT1	0	0	0	0	0	0
Woodsdale	Ohio	7158	**GT2	0	0	0	0	0	0
Woodsdale	Ohio	7158	**GT3	0	0	0	0	0	0
Woodsdale	Ohio	7158	**GT4	0	0	0	0	0	0
Woodsdale	Ohio	7158	**GT5	0	0	0	0	0	0
Woodsdale	Ohio	7158	**GT6	0	0	0	0	0	0
AES Shady Point	Oklahoma	10671	1A						
AES Shady Point	Oklahoma	10671	1B						
AES Shady Point	Oklahoma	10671	2A						
AES Shady Point	Oklahoma	10671	2B						
Anadarko	Oklahoma	3006	10						
Anadarko	Oklahoma	3006	11						
Anadarko	Oklahoma	3006	3						
Anadarko	Oklahoma	3006	7						
Anadarko	Oklahoma	3006	8						
Anadarko	Oklahoma	3006	9						
Anadarko Plant	Oklahoma	3006	4						
Anadarko Plant	Oklahoma	3006	5						
Anadarko Plant	Oklahoma	3006	6						
Chouteau Power Plant	Oklahoma	7757	1						
Chouteau Power Plant	Oklahoma	7757	2						
Comanche (8059)	Oklahoma	8059	7251						
Comanche (8059)	Oklahoma	8059	7252						
Grand River Dam Authority	Oklahoma	165	1						
Grand River Dam Authority	Oklahoma	165	2						
Green Country Energy, LLC	Oklahoma	55146	CTGEN1						
Green Country Energy, LLC	Oklahoma	55146	CTGEN2						
Green Country Energy, LLC	Oklahoma	55146	CTGEN3						
Horseshoe Lake	Oklahoma	2951	10						
Horseshoe Lake	Oklahoma	2951	6						
Horseshoe Lake	Oklahoma	2951	7						
Horseshoe Lake	Oklahoma	2951	8						
Horseshoe Lake	Oklahoma	2951	9						
Hugo	Oklahoma	6772	1						
McClain Energy Facility	Oklahoma	55457	CT1						
McClain Energy Facility	Oklahoma	55457	CT2						
Mooreland	Oklahoma	3008	1						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Mooreland	Oklahoma	3008	2						
Mooreland	Oklahoma	3008	3						
Muskogee	Oklahoma	2952	3						
Muskogee	Oklahoma	2952	4						
Muskogee	Oklahoma	2952	5						
Muskogee	Oklahoma	2952	6						
Mustang	Oklahoma	2953	1						
Mustang	Oklahoma	2953	2						
Mustang	Oklahoma	2953	3						
Mustang	Oklahoma	2953	4						
Mustang	Oklahoma	2953	5A						
Mustang	Oklahoma	2953	5B						
Northeastern	Oklahoma	2963	3301A						
Northeastern	Oklahoma	2963	3301B						
Northeastern	Oklahoma	2963	3302						
Northeastern	Oklahoma	2963	3313						
Northeastern	Oklahoma	2963	3314						
Oneta Energy Center	Oklahoma	55225	CTG-1						
Oneta Energy Center	Oklahoma	55225	CTG-2						
Oneta Energy Center	Oklahoma	55225	CTG-3						
Oneta Energy Center	Oklahoma	55225	CTG-4						
Ponca	Oklahoma	762	2						
Ponca	Oklahoma	762	3						
Ponca	Oklahoma	762	4						
PowerSmith Cogeneration Project	Oklahoma	50558	GT01						
Redbud Power Plant	Oklahoma	55463	CT-01						
Redbud Power Plant	Oklahoma	55463	CT-02						
Redbud Power Plant	Oklahoma	55463	CT-03						
Redbud Power Plant	Oklahoma	55463	CT-04						
Riverside (4940)	Oklahoma	4940	1501						
Riverside (4940)	Oklahoma	4940	1502						
Riverside (4940)	Oklahoma	4940	1503						
Riverside (4940)	Oklahoma	4940	1504						
Seminole (2956)	Oklahoma	2956	1						
Seminole (2956)	Oklahoma	2956	2						
Seminole (2956)	Oklahoma	2956	3						
Sooner	Oklahoma	6095	1						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Sooner	Oklahoma	6095	2						
Southwestern	Oklahoma	2964	8002						
Southwestern	Oklahoma	2964	8003						
Southwestern	Oklahoma	2964	8004						
Southwestern	Oklahoma	2964	8005						
Southwestern	Oklahoma	2964	801N						
Southwestern	Oklahoma	2964	801S						
Spring Creek Power Plant	Oklahoma	55651	CT-01						
Spring Creek Power Plant	Oklahoma	55651	CT-02						
Spring Creek Power Plant	Oklahoma	55651	CT-03						
Spring Creek Power Plant	Oklahoma	55651	CT-04						
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1						
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2						
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3						
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4						
Tulsa	Oklahoma	2965	1402						
Tulsa	Oklahoma	2965	1403						
Tulsa	Oklahoma	2965	1404						
Weleetka	Oklahoma	2966	4						
Weleetka	Oklahoma	2966	5						
Weleetka	Oklahoma	2966	6						
Broad River Energy Center	South Carolina	55166	CT-1	2	2	2	2	2	2
Broad River Energy Center	South Carolina	55166	CT-2	1	1	1	1	1	1
Broad River Energy Center	South Carolina	55166	CT-3	2	2	2	2	2	2
Broad River Energy Center	South Carolina	55166	CT-4	1	1	1	1	1	1
Broad River Energy Center	South Carolina	55166	CT-5	1	1	1	1	1	1
Canadys Steam	South Carolina	3280	CAN1	1,608	1,608	1,608	1,608	1,608	1,608
Canadys Steam	South Carolina	3280	CAN2	1,963	1,963	1,963	1,963	1,963	1,963
Canadys Steam	South Carolina	3280	CAN3	3,012	3,012	3,012	3,012	3,012	3,012
Cherokee County Cogen	South Carolina	55043	CCCP1	1	1	1	1	1	1
Cogen South	South Carolina	7737	B001	1,314	1,314	1,314	1,314	1,314	1,314
Columbia Energy Center (SC)	South Carolina	55386	CT-1	4	4	4	4	4	4
Columbia Energy Center (SC)	South Carolina	55386	CT-2	1	1	1	1	1	1
Cope Station	South Carolina	7210	COP1	2,689	2,689	2,689	2,689	2,689	2,689
Cross	South Carolina	130	1	4,842	4,842	4,842	4,842	4,842	4,842
Cross	South Carolina	130	2	10,377	10,377	10,377	10,377	10,377	10,377
Cross	South Carolina	130	3	1,556	1,556	1,556	1,556	1,556	1,556

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Cross	South Carolina	130	4	1,468	1,468	1,468	1,468	1,468	1,468
Darlington County	South Carolina	3250	1	1	1	1	1	1	1
Darlington County	South Carolina	3250	10	5	5	5	5	5	5
Darlington County	South Carolina	3250	11	0	0	0	0	0	0
Darlington County	South Carolina	3250	12	3	3	3	3	3	3
Darlington County	South Carolina	3250	13	2	2	2	2	2	2
Darlington County	South Carolina	3250	2	8	8	8	8	8	8
Darlington County	South Carolina	3250	3	1	1	1	1	1	1
Darlington County	South Carolina	3250	4	6	6	6	6	6	6
Darlington County	South Carolina	3250	5	1	1	1	1	1	1
Darlington County	South Carolina	3250	6	6	6	6	6	6	6
Darlington County	South Carolina	3250	7	1	1	1	1	1	1
Darlington County	South Carolina	3250	8	4	4	4	4	4	4
Darlington County	South Carolina	3250	9	4	4	4	4	4	4
Dolphus M Grainger	South Carolina	3317	1	1,350	1,350	1,350	1,350	1,350	1,350
Dolphus M Grainger	South Carolina	3317	2	1,325	1,325	1,325	1,325	1,325	1,325
H B Robinson	South Carolina	3251	1	3,147	3,147	3,147	3,147	3,147	3,147
Hagood	South Carolina	3285	HAG4	34	34	34	34	34	34
Hilton Head Gas Turbine Site	South Carolina	3318	CT1	1	1	1	1	1	1
Hilton Head Gas Turbine Site	South Carolina	3318	CT2	1	1	1	1	1	1
Hilton Head Gas Turbine Site	South Carolina	3318	CT3	3	3	3	3	3	3
Jasper County Generating Facility	South Carolina	55927	CT01	4	4	4	4	4	4
Jasper County Generating Facility	South Carolina	55927	CT02	3	3	3	3	3	3
Jasper County Generating Facility	South Carolina	55927	CT03	8	8	8	8	8	8
Jefferies	South Carolina	3319	1	48	48	48	48	48	48
Jefferies	South Carolina	3319	2	46	46	46	46	46	46
Jefferies	South Carolina	3319	3	2,591	2,591	2,591	2,591	2,591	2,591
Jefferies	South Carolina	3319	4	2,924	2,924	2,924	2,924	2,924	2,924
John S. Rainey Generating Station	South Carolina	7834	CT1A	3	3	3	3	3	3
John S. Rainey Generating Station	South Carolina	7834	CT1B	3	3	3	3	3	3
John S. Rainey Generating Station	South Carolina	7834	CT2A	2	2	2	2	2	2
John S. Rainey Generating Station	South Carolina	7834	CT2B	1	1	1	1	1	1
John S. Rainey Generating Station	South Carolina	7834	CT3	0	0	0	0	0	0
John S. Rainey Generating Station	South Carolina	7834	CT4	0	0	0	0	0	0
John S. Rainey Generating Station	South Carolina	7834	CT5	0	0	0	0	0	0
McMeekin	South Carolina	3287	MCM1	2,287	2,287	2,287	2,287	2,287	2,287
McMeekin	South Carolina	3287	MCM2	2,091	2,091	2,091	2,091	2,091	2,091

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	1	1	1	1	1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	1	1	1	1	1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	1	1	1	1	1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	1	1	1	1	1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	1	1	1	1	1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	1	1	1	1	1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	1	1	1	1	1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	1	1	1	1	1	1
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3	4	4	4	4	4	4
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4	4	4	4	4	4	4
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5	4	4	4	4	4	4
Urquhart	South Carolina	3295	URQ3	1,942	1,942	1,942	1,942	1,942	1,942
Urquhart	South Carolina	3295	URQ4	9	9	9	9	9	9
Urquhart	South Carolina	3295	URQ5	30	30	30	30	30	30
Urquhart	South Carolina	3295	URQ6	244	244	244	244	244	244
W S Lee	South Carolina	3264	1	982	982	982	982	982	982
W S Lee	South Carolina	3264	2	1,157	1,157	1,157	1,157	1,157	1,157
W S Lee	South Carolina	3264	3	1,968	1,968	1,968	1,968	1,968	1,968
W S Lee	South Carolina	3264	7C	0	0	0	0	0	0
W S Lee	South Carolina	3264	8C	0	0	0	0	0	0
Wateree	South Carolina	3297	WAT1	6,168	6,168	6,168	6,168	6,168	6,168
Wateree	South Carolina	3297	WAT2	5,753	5,753	5,753	5,753	5,753	5,753
Williams	South Carolina	3298	WIL1	10,650	10,650	10,650	10,650	10,650	10,650
Williams	South Carolina	3298	WIL4	0	0	0	0	0	0
Williams	South Carolina	3298	WIL5	0	0	0	0	0	0
Winyah	South Carolina	6249	1	5,499	5,499	5,499	5,499	5,499	5,499
Winyah	South Carolina	6249	2	5,804	5,804	5,804	5,804	5,804	5,804
Winyah	South Carolina	6249	3	4,682	4,682	4,682	4,682	4,682	4,682
Winyah	South Carolina	6249	4	5,036	5,036	5,036	5,036	5,036	5,036
AES Deepwater, Inc.	Texas	10670	01001						
Air Products Port Arthur	Texas	55309	GEN1						
Air Products Port Arthur	Texas	55309	GEN4						
Alex Ty Cooke Generating Station	Texas	3602	1						
Alex Ty Cooke Generating Station	Texas	3602	2						
Barney M. Davis	Texas	4939	1						
Barney M. Davis	Texas	4939	3						
Barney M. Davis	Texas	4939	4						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Bastrop Clean Energy Center	Texas	55168	CTG-1A						
Bastrop Clean Energy Center	Texas	55168	CTG-1B						
Bayou Cogeneration Plant	Texas	10298	CG801						
Bayou Cogeneration Plant	Texas	10298	CG802						
Bayou Cogeneration Plant	Texas	10298	CG803						
Bayou Cogeneration Plant	Texas	10298	CG804						
Baytown Energy Center	Texas	55327	CTG-1						
Baytown Energy Center	Texas	55327	CTG-2						
Baytown Energy Center	Texas	55327	CTG-3						
Big Brown	Texas	3497	1						
Big Brown	Texas	3497	2						
Blackhawk Station	Texas	55064	001						
Blackhawk Station	Texas	55064	002						
Bosque County Power Plant	Texas	55172	GT-1						
Bosque County Power Plant	Texas	55172	GT-2						
Bosque County Power Plant	Texas	55172	GT-3						
Brazos Valley Energy, LP	Texas	55357	CTG1						
Brazos Valley Energy, LP	Texas	55357	CTG2						
C E Newman	Texas	3574	BW5						
C. R. Wing Cogeneration Plant	Texas	52176	1						
C. R. Wing Cogeneration Plant	Texas	52176	2						
Calpine Hidalgo Energy Center	Texas	7762	HRSG1						
Calpine Hidalgo Energy Center	Texas	7762	HRSG2						
Cedar Bayou	Texas	3460	CBY1						
Cedar Bayou	Texas	3460	CBY2						
Cedar Bayou 4	Texas	56806	CBY41						
Cedar Bayou 4	Texas	56806	CBY42						
Channel Energy Center	Texas	55299	CTG1						
Channel Energy Center	Texas	55299	CTG2						
Channelview Cogeneration Facility	Texas	55187	CHV1						
Channelview Cogeneration Facility	Texas	55187	CHV2						
Channelview Cogeneration Facility	Texas	55187	CHV3						
Channelview Cogeneration Facility	Texas	55187	CHV4						
Clear Lake Cogeneration	Texas	10741	G102						
Clear Lake Cogeneration	Texas	10741	G103						
Clear Lake Cogeneration	Texas	10741	G104						
Coletto Creek	Texas	6178	1						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Colorado Bend Energy Center	Texas	56350	CT1A						
Colorado Bend Energy Center	Texas	56350	CT1B						
Colorado Bend Energy Center	Texas	56350	CT2A						
Colorado Bend Energy Center	Texas	56350	CT2B						
Copper Station	Texas	9	CTG-1						
Corpus Christi	Texas	50475	GEN1						
Corpus Christi Energy Center	Texas	55206	CU1						
Corpus Christi Energy Center	Texas	55206	CU2						
Cottonwood Energy Project	Texas	55358	CT1						
Cottonwood Energy Project	Texas	55358	CT2						
Cottonwood Energy Project	Texas	55358	CT3						
Cottonwood Energy Project	Texas	55358	CT4						
Decker Creek	Texas	3548	1						
Decker Creek	Texas	3548	2						
Decker Creek	Texas	3548	GT-1A						
Decker Creek	Texas	3548	GT-1B						
Decker Creek	Texas	3548	GT-2A						
Decker Creek	Texas	3548	GT-2B						
Decker Creek	Texas	3548	GT-3A						
Decker Creek	Texas	3548	GT-3B						
Decker Creek	Texas	3548	GT-4A						
Decker Creek	Texas	3548	GT-4B						
Decordova	Texas	8063	1						
Decordova	Texas	8063	CT1						
Decordova	Texas	8063	CT2						
Decordova	Texas	8063	CT3						
Decordova	Texas	8063	CT4						
Deer Park Energy Center	Texas	55464	CTG1						
Deer Park Energy Center	Texas	55464	CTG2						
Deer Park Energy Center	Texas	55464	CTG3						
Deer Park Energy Center	Texas	55464	CTG4						
EG178 Facility	Texas	56233	CT02						
EG178 Facility	Texas	56233	CTG1						
Eastman Cogeneration Facility	Texas	55176	1						
Eastman Cogeneration Facility	Texas	55176	2						
Ennis Power Company, LLC	Texas	55223	GT-1						
Exelon Laporte Generating Station	Texas	55365	GT-1						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Exelon Laporte Generating Station	Texas	55365	GT-2						
Exelon Laporte Generating Station	Texas	55365	GT-3						
Exelon Laporte Generating Station	Texas	55365	GT-4						
ExxonMobil Beaumont Refinery	Texas	50625	33						
ExxonMobil Beaumont Refinery	Texas	50625	34						
Exxonmobil Beaumont Refinery	Texas	50625	61STK1						
Exxonmobil Beaumont Refinery	Texas	50625	61STK2						
Exxonmobil Beaumont Refinery	Texas	50625	61STK3						
FPLE Forney, LP	Texas	55480	U1						
FPLE Forney, LP	Texas	55480	U2						
FPLE Forney, LP	Texas	55480	U3						
FPLE Forney, LP	Texas	55480	U4						
FPLE Forney, LP	Texas	55480	U5						
FPLE Forney, LP	Texas	55480	U6						
Freestone Power Generation	Texas	55226	GT1						
Freestone Power Generation	Texas	55226	GT2						
Freestone Power Generation	Texas	55226	GT3						
Freestone Power Generation	Texas	55226	GT4						
Frontera Generation Facility	Texas	55098	1						
Frontera Generation Facility	Texas	55098	2						
Gibbons Creek Steam Electric Station	Texas	6136	1						
Graham	Texas	3490	1						
Graham	Texas	3490	2						
Greens Bayou	Texas	3464	GBY5						
Greens Bayou	Texas	3464	GBY73						
Greens Bayou	Texas	3464	GBY74						
Greens Bayou	Texas	3464	GBY81						
Greens Bayou	Texas	3464	GBY82						
Greens Bayou	Texas	3464	GBY83						
Greens Bayou	Texas	3464	GBY84						
Gregory Power Facility	Texas	55086	101						
Gregory Power Facility	Texas	55086	102						
Guadalupe Generating Station	Texas	55153	CTG-1						
Guadalupe Generating Station	Texas	55153	CTG-2						
Guadalupe Generating Station	Texas	55153	CTG-3						
Guadalupe Generating Station	Texas	55153	CTG-4						
H W Pirkey Power Plant	Texas	7902	1						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Handley Generating Station	Texas	3491	3						
Handley Generating Station	Texas	3491	4						
Handley Generating Station	Texas	3491	5						
Hardin County Peaking Facility	Texas	56604	HCCT1						
Hardin County Peaking Facility	Texas	56604	HCCT2						
Harrington Station	Texas	6193	061B						
Harrington Station	Texas	6193	062B						
Harrington Station	Texas	6193	063B						
Harrison County Power Project	Texas	55664	GT-1						
Harrison County Power Project	Texas	55664	GT-2						
Hays Energy Project	Texas	55144	STK1						
Hays Energy Project	Texas	55144	STK2						
Hays Energy Project	Texas	55144	STK3						
Hays Energy Project	Texas	55144	STK4						
J K Spruce	Texas	7097	**1						
J K Spruce	Texas	7097	**2						
J Robert Massengale Generating Station	Texas	3604	GT1						
J T Deely	Texas	6181	1						
J T Deely	Texas	6181	2						
JCO Oxides Olefins Plant	Texas	54637	GCG1						
JCO Oxides Olefins Plant	Texas	54637	GCG2						
Jack County Generation Facility	Texas	55230	CT-1						
Jack County Generation Facility	Texas	55230	CT-2						
Johnson County Generation Facility	Texas	54817	EAST						
Jones Station	Texas	3482	151B						
Jones Station	Texas	3482	152B						
Knox Lee Power Plant	Texas	3476	2						
Knox Lee Power Plant	Texas	3476	3						
Knox Lee Power Plant	Texas	3476	4						
Knox Lee Power Plant	Texas	3476	5						
Lake Creek	Texas	3502	1						
Lake Creek	Texas	3502	2						
Lake Hubbard	Texas	3452	1						
Lake Hubbard	Texas	3452	2						
Lamar Power (Paris)	Texas	55097	1						
Lamar Power (Paris)	Texas	55097	2						
Lamar Power (Paris)	Texas	55097	3						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Lamar Power (Paris)	Texas	55097	4						
Laredo	Texas	3439	4						
Laredo	Texas	3439	5						
Leon Creek	Texas	3609	3						
Leon Creek	Texas	3609	4						
Leon Creek	Texas	3609	CGT1						
Leon Creek	Texas	3609	CGT2						
Leon Creek	Texas	3609	CGT3						
Leon Creek	Texas	3609	CGT4						
Lewis Creek	Texas	3457	1						
Lewis Creek	Texas	3457	2						
Limestone	Texas	298	LIM1						
Limestone	Texas	298	LIM2						
Lone Star Power Plant	Texas	3477	1						
Lost Pines 1	Texas	55154	1						
Lost Pines 1	Texas	55154	2						
Magic Valley Generating Station	Texas	55123	CTG-1						
Magic Valley Generating Station	Texas	55123	CTG-2						
Martin Lake	Texas	6146	1						
Martin Lake	Texas	6146	2						
Martin Lake	Texas	6146	3						
Midlothian Energy	Texas	55091	STK1						
Midlothian Energy	Texas	55091	STK2						
Midlothian Energy	Texas	55091	STK3						
Midlothian Energy	Texas	55091	STK4						
Midlothian Energy	Texas	55091	STK5						
Midlothian Energy	Texas	55091	STK6						
Monticello	Texas	6147	1						
Monticello	Texas	6147	2						
Monticello	Texas	6147	3						
Moore County Station	Texas	3483	3						
Morgan Creek	Texas	3492	5						
Morgan Creek	Texas	3492	6						
Morgan Creek	Texas	3492	CT1						
Morgan Creek	Texas	3492	CT2						
Morgan Creek	Texas	3492	CT3						
Morgan Creek	Texas	3492	CT4						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Morgan Creek	Texas	3492	CT5						
Morgan Creek	Texas	3492	CT6						
Mountain Creek Generating Station	Texas	3453	6						
Mountain Creek Generating Station	Texas	3453	7						
Mountain Creek Generating Station	Texas	3453	8						
Mustang Station	Texas	55065	1						
Mustang Station	Texas	55065	2						
Mustang Station Units 4 and 5	Texas	56326	GEN1						
Mustang Station Units 4 and 5	Texas	56326	GEN2						
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1						
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2						
New Gulf Power Facility	Texas	50137	1						
Newman	Texas	3456	**4						
Newman	Texas	3456	**5						
Newman	Texas	3456	1						
Newman	Texas	3456	2						
Newman	Texas	3456	3						
Newman	Texas	3456	GT-6A						
Newman	Texas	3456	GT-6B						
Nichols Station	Texas	3484	141B						
Nichols Station	Texas	3484	142B						
Nichols Station	Texas	3484	143B						
Nueces Bay	Texas	3441	8						
Nueces Bay	Texas	3441	9						
O W Sommers	Texas	3611	1						
O W Sommers	Texas	3611	2						
Oak Grove	Texas	6180	1						
Odessa-Ector Generating Station	Texas	55215	GT1						
Odessa-Ector Generating Station	Texas	55215	GT2						
Odessa-Ector Generating Station	Texas	55215	GT3						
Odessa-Ector Generating Station	Texas	55215	GT4						
Oklaunion Power Station	Texas	127	1						
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101						
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201						
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301						
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401						
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601						
Oyster Creek Unit VIII	Texas	54676	G81						
Oyster Creek Unit VIII	Texas	54676	G82						
Oyster Creek Unit VIII	Texas	54676	G83						
Pampa Power Plant	Texas	7678	BL09A1						
Pampa Power Plant	Texas	7678	BL10A1						
Pampa Power Plant	Texas	7678	BL11A1						
Paris Energy Center	Texas	50109	HRSG1						
Paris Energy Center	Texas	50109	HRSG2						
Pasadena Power Plant	Texas	55047	CG-1						
Pasadena Power Plant	Texas	55047	CG-2						
Pasadena Power Plant	Texas	55047	CG-3						
Permian Basin	Texas	3494	5						
Permian Basin	Texas	3494	6						
Permian Basin	Texas	3494	CT1						
Permian Basin	Texas	3494	CT2						
Permian Basin	Texas	3494	CT3						
Permian Basin	Texas	3494	CT4						
Permian Basin	Texas	3494	CT5						
Plant X	Texas	3485	111B						
Plant X	Texas	3485	112B						
Plant X	Texas	3485	113B						
Plant X	Texas	3485	114B						
Port Neches Plant	Texas	54748	G1						
Power Lane Steam Plant	Texas	4195	2						
Power Lane Steam Plant	Texas	4195	3						
Quail Run Energy Center	Texas	56349	CT1A						
Quail Run Energy Center	Texas	56349	CT1B						
Quail Run Energy Center	Texas	56349	CT2A						
Quail Run Energy Center	Texas	56349	CT2B						
R W Miller	Texas	3628	**4						
R W Miller	Texas	3628	**5						
R W Miller	Texas	3628	1						
R W Miller	Texas	3628	2						
R W Miller	Texas	3628	3						
Ray Olinger	Texas	3576	BW2						
Ray Olinger	Texas	3576	BW3						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Ray Olinger	Texas	3576	CE1						
Ray Olinger	Texas	3576	GE4						
Rio Nogales Power Project, LP	Texas	55137	CTG-1						
Rio Nogales Power Project, LP	Texas	55137	CTG-2						
Rio Nogales Power Project, LP	Texas	55137	CTG-3						
Roland C. Dansby Power Plant	Texas	6243	1						
Roland C. Dansby Power Plant	Texas	6243	2						
SRW Cogen Limited Partnership	Texas	55120	CTG-1						
SRW Cogen Limited Partnership	Texas	55120	CTG-2						
Sabine	Texas	3459	1						
Sabine	Texas	3459	2						
Sabine	Texas	3459	3						
Sabine	Texas	3459	4						
Sabine	Texas	3459	5						
Sabine Cogeneration Facility	Texas	55104	SAB-1						
Sabine Cogeneration Facility	Texas	55104	SAB-2						
Sam Bertron	Texas	3468	SRB1						
Sam Bertron	Texas	3468	SRB2						
Sam Bertron	Texas	3468	SRB3						
Sam Bertron	Texas	3468	SRB4						
Sam Rayburn Plant	Texas	3631	CT7						
Sam Rayburn Plant	Texas	3631	CT8						
Sam Rayburn Plant	Texas	3631	CT9						
Sam Seymour	Texas	6179	1						
Sam Seymour	Texas	6179	2						
Sam Seymour	Texas	6179	3						
San Jacinto County Peaking Facility	Texas	56603	SJCCT1						
San Jacinto County Peaking Facility	Texas	56603	SJCCT2						
San Jacinto Steam Electric Station	Texas	7325	SJS1						
San Jacinto Steam Electric Station	Texas	7325	SJS2						
San Miguel	Texas	6183	SM-1						
Sand Hill Energy Center	Texas	7900	SH1						
Sand Hill Energy Center	Texas	7900	SH2						
Sand Hill Energy Center	Texas	7900	SH3						
Sand Hill Energy Center	Texas	7900	SH4						
Sand Hill Energy Center	Texas	7900	SH5						
Sandow	Texas	6648	4						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Sandow Station	Texas	52071	5A						
Sandow Station	Texas	52071	5B						
Silas Ray	Texas	3559	10						
Silas Ray	Texas	3559	9						
Sim Gideon	Texas	3601	1						
Sim Gideon	Texas	3601	2						
Sim Gideon	Texas	3601	3						
South Houston Green Power Site	Texas	55470	EPN801						
South Houston Green Power Site	Texas	55470	EPN802						
South Houston Green Power Site	Texas	55470	EPN803						
Spencer	Texas	4266	4						
Spencer	Texas	4266	5						
Stryker Creek	Texas	3504	1						
Stryker Creek	Texas	3504	2						
Sweeny Cogeneration Facility	Texas	55015	1						
Sweeny Cogeneration Facility	Texas	55015	2						
Sweeny Cogeneration Facility	Texas	55015	3						
Sweeny Cogeneration Facility	Texas	55015	4						
Sweetwater Generating Plant	Texas	50615	GT01						
Sweetwater Generating Plant	Texas	50615	GT02						
Sweetwater Generating Plant	Texas	50615	GT03						
T C Ferguson Power Plant	Texas	4937	1						
T H Wharton	Texas	3469	THW31						
T H Wharton	Texas	3469	THW32						
T H Wharton	Texas	3469	THW33						
T H Wharton	Texas	3469	THW34						
T H Wharton	Texas	3469	THW41						
T H Wharton	Texas	3469	THW42						
T H Wharton	Texas	3469	THW43						
T H Wharton	Texas	3469	THW44						
T H Wharton	Texas	3469	THW51						
T H Wharton	Texas	3469	THW52						
T H Wharton	Texas	3469	THW53						
T H Wharton	Texas	3469	THW54						
T H Wharton	Texas	3469	THW55						
T H Wharton	Texas	3469	THW56						
Tenaska Frontier Generation Station	Texas	55062	1						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
Tenaska Frontier Generation Station	Texas	55062	2						
Tenaska Frontier Generation Station	Texas	55062	3						
Tenaska Gateway Generating Station	Texas	55132	OGTDB1						
Tenaska Gateway Generating Station	Texas	55132	OGTDB2						
Tenaska Gateway Generating Station	Texas	55132	OGTDB3						
Texas City Cogeneration	Texas	52088	GT-A						
Texas City Cogeneration	Texas	52088	GT-B						
Texas City Cogeneration	Texas	52088	GT-C						
Texas Petrochemicals	Texas	50229	TPCBLR						
Tolk Station	Texas	6194	171B						
Tolk Station	Texas	6194	172B						
Tradinghouse	Texas	3506	1						
Tradinghouse	Texas	3506	2						
Trinidad	Texas	3507	9						
Twin Oaks	Texas	7030	U1						
Twin Oaks	Texas	7030	U2						
Union Carbide Seadrift Cogen	Texas	50150	GE11						
Union Carbide Seadrift Cogen	Texas	50150	GEN6						
Union Carbide Seadrift Cogen	Texas	50150	GEN8						
V H Braunig	Texas	3612	1						
V H Braunig	Texas	3612	2						
V H Braunig	Texas	3612	3						
V H Braunig	Texas	3612	CT01						
V H Braunig	Texas	3612	CT02						
Valley (TXU)	Texas	3508	1						
Valley (TXU)	Texas	3508	2						
Valley (TXU)	Texas	3508	3						
Victoria Power Station	Texas	3443	9						
W A Parish	Texas	3470	WAP1						
W A Parish	Texas	3470	WAP2						
W A Parish	Texas	3470	WAP3						
W A Parish	Texas	3470	WAP4						
W A Parish	Texas	3470	WAP5						
W A Parish	Texas	3470	WAP6						
W A Parish	Texas	3470	WAP7						
W A Parish	Texas	3470	WAP8						
W B Tuttle	Texas	3613	1						

Plant Name	State	ORIS ID	Boiler ID	SO2 Allocation 2012 (tons)	SO2 Allocation 2013 (tons)	SO2 Allocation 2014 (tons)	SO2 Allocation 2015 (tons)	SO2 Allocation 2016 (tons)	SO2 Allocation 2017 (tons)
W B Tuttle	Texas	3613	3						
W B Tuttle	Texas	3613	4						
Welsh Power Plant	Texas	6139	1						
Welsh Power Plant	Texas	6139	2						
Welsh Power Plant	Texas	6139	3						
Wilkes Power Plant	Texas	3478	1						
Wilkes Power Plant	Texas	3478	2						
Wilkes Power Plant	Texas	3478	3						
Winchester Power Park	Texas	56674	1						
Winchester Power Park	Texas	56674	2						
Winchester Power Park	Texas	56674	3						
Winchester Power Park	Texas	56674	4						
Wise County Power Company, LLC	Texas	55320	GT-1						
Wise County Power Company, LLC	Texas	55320	GT-2						
Wolf Hollow I, LP	Texas	55139	CTG1						
Wolf Hollow I, LP	Texas	55139	CTG2						

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Carl Bailey	Arkansas	202	01					
Cecil Lynch	Arkansas	167	2					
Cecil Lynch	Arkansas	167	3					
City Water & Light - City of Jonesboro	Arkansas	56505	SN04					
City Water & Light - City of Jonesboro	Arkansas	56505	SN06					
City Water & Light - City of Jonesboro	Arkansas	56505	SN07					
Dell Power Plant	Arkansas	55340	1					
Dell Power Plant	Arkansas	55340	2					
Flint Creek Power Plant	Arkansas	6138	1					
Fulton	Arkansas	7825	CT1					
Hamilton Moses	Arkansas	168	1					
Hamilton Moses	Arkansas	168	2					
Harry D. Mattison Power Plant	Arkansas	56328	1					
Harry D. Mattison Power Plant	Arkansas	56328	2					
Harry D. Mattison Power Plant	Arkansas	56328	3					
Harry D. Mattison Power Plant	Arkansas	56328	4					
Harvey Couch	Arkansas	169	1					
Harvey Couch	Arkansas	169	2					
Hot Spring Energy Facility	Arkansas	55418	CT-1					
Hot Spring Energy Facility	Arkansas	55418	CT-2					
Hot Spring Power Co., LLC	Arkansas	55714	SN-01					
Hot Spring Power Co., LLC	Arkansas	55714	SN-02					
Independence	Arkansas	6641	1					
Independence	Arkansas	6641	2					
Lake Catherine	Arkansas	170	1					
Lake Catherine	Arkansas	170	2					
Lake Catherine	Arkansas	170	3					
Lake Catherine	Arkansas	170	4					
McClellan	Arkansas	203	01					
Oswald Generating Station	Arkansas	55221	G1					
Oswald Generating Station	Arkansas	55221	G2					
Oswald Generating Station	Arkansas	55221	G3					
Oswald Generating Station	Arkansas	55221	G4					
Oswald Generating Station	Arkansas	55221	G5					
Oswald Generating Station	Arkansas	55221	G6					
Oswald Generating Station	Arkansas	55221	G7					
Pine Bluff Energy Center	Arkansas	55075	CT-1					

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Robert E Ritchie	Arkansas	173	2					
Thomas Fitzhugh	Arkansas	201	2					
Union Power Station	Arkansas	55380	CTG-1					
Union Power Station	Arkansas	55380	CTG-2					
Union Power Station	Arkansas	55380	CTG-3					
Union Power Station	Arkansas	55380	CTG-4					
Union Power Station	Arkansas	55380	CTG-5					
Union Power Station	Arkansas	55380	CTG-6					
Union Power Station	Arkansas	55380	CTG-7					
Union Power Station	Arkansas	55380	CTG-8					
White Bluff	Arkansas	6009	1					
White Bluff	Arkansas	6009	2					
AL Sandersville	Georgia	55672	CT1			2	2	2
AL Sandersville	Georgia	55672	CT2			1	1	1
AL Sandersville	Georgia	55672	CT3			2	2	2
AL Sandersville	Georgia	55672	CT4			1	1	1
AL Sandersville	Georgia	55672	CT5			2	2	2
AL Sandersville	Georgia	55672	CT6			2	2	2
AL Sandersville	Georgia	55672	CT7			2	2	2
AL Sandersville	Georgia	55672	CT8			1	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A			1	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B			1	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C			1	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D			1	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E			1	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F			1	1	1
Baconton	Georgia	55304	CT1			16	16	16
Baconton	Georgia	55304	CT4			17	17	17
Baconton	Georgia	55304	CT5			17	17	17
Baconton	Georgia	55304	CT6			16	16	16
Bowen	Georgia	703	1BLR			2,782	2,782	2,782
Bowen	Georgia	703	2BLR			2,921	2,921	2,921
Bowen	Georgia	703	3BLR			3,787	3,787	3,787
Bowen	Georgia	703	4BLR			3,510	3,510	3,510
Bowen	Georgia	703	6A			0	0	0
Bowen	Georgia	703	6B			0	0	0
Chattahoochee Energy Facility	Georgia	7917	8A			52	52	52

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Chattahoochee Energy Facility	Georgia	7917	8B			50	50	50
Dahlberg (Jackson County)	Georgia	7765	1			5	5	5
Dahlberg (Jackson County)	Georgia	7765	10			10	10	10
Dahlberg (Jackson County)	Georgia	7765	2			7	7	7
Dahlberg (Jackson County)	Georgia	7765	3			4	4	4
Dahlberg (Jackson County)	Georgia	7765	4			15	15	15
Dahlberg (Jackson County)	Georgia	7765	5			4	4	4
Dahlberg (Jackson County)	Georgia	7765	6			11	11	11
Dahlberg (Jackson County)	Georgia	7765	7			4	4	4
Dahlberg (Jackson County)	Georgia	7765	8			6	6	6
Dahlberg (Jackson County)	Georgia	7765	9			14	14	14
Doyle Generating Facility	Georgia	55244	CTG-1			4	4	4
Doyle Generating Facility	Georgia	55244	CTG-2			5	5	5
Doyle Generating Facility	Georgia	55244	CTG-3			5	5	5
Doyle Generating Facility	Georgia	55244	CTG-4			8	8	8
Doyle Generating Facility	Georgia	55244	CTG-5			8	8	8
Effingham County Power, LLC	Georgia	55406	1			56	56	56
Effingham County Power, LLC	Georgia	55406	2			53	53	53
Hammond	Georgia	708	1			306	306	306
Hammond	Georgia	708	2			333	333	333
Hammond	Georgia	708	3			330	330	330
Hammond	Georgia	708	4			1,617	1,617	1,617
Harlee Branch	Georgia	709	1			883	883	883
Harlee Branch	Georgia	709	2			1,110	1,110	1,110
Harlee Branch	Georgia	709	3			1,785	1,785	1,785
Harlee Branch	Georgia	709	4			1,685	1,685	1,685
Hartwell Energy Facility	Georgia	70454	MAG1			55	55	55
Hartwell Energy Facility	Georgia	70454	MAG2			57	57	57
Hawk Road Energy Facility	Georgia	55141	CT1			35	35	35
Hawk Road Energy Facility	Georgia	55141	CT2			35	35	35
Hawk Road Energy Facility	Georgia	55141	CT3			11	11	11
Jack McDonough	Georgia	710	3AA			0	0	0
Jack McDonough	Georgia	710	3AB			0	0	0
Jack McDonough	Georgia	710	3BA			0	0	0
Jack McDonough	Georgia	710	3BB			0	0	0
Jack McDonough	Georgia	710	MB1			925	925	925
Jack McDonough	Georgia	710	MB2			987	987	987

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Kraft	Georgia	733	1			212	212	212
Kraft	Georgia	733	2			200	200	200
Kraft	Georgia	733	3			432	432	432
Kraft	Georgia	733	4			10	10	10
MPC Generating, LLC	Georgia	7764	1			5	5	5
MPC Generating, LLC	Georgia	7764	2			5	5	5
McIntosh (6124)	Georgia	6124	1			496	496	496
McIntosh (6124)	Georgia	6124	CT1			4	4	4
McIntosh (6124)	Georgia	6124	CT2			4	4	4
McIntosh (6124)	Georgia	6124	CT3			6	6	6
McIntosh (6124)	Georgia	6124	CT4			5	5	5
McIntosh (6124)	Georgia	6124	CT5			6	6	6
McIntosh (6124)	Georgia	6124	CT6			6	6	6
McIntosh (6124)	Georgia	6124	CT7			5	5	5
McIntosh (6124)	Georgia	6124	CT8			6	6	6
McIntosh Combined Cycle Facility	Georgia	56150	10A			47	47	47
McIntosh Combined Cycle Facility	Georgia	56150	10B			45	45	45
McIntosh Combined Cycle Facility	Georgia	56150	11A			49	49	49
McIntosh Combined Cycle Facility	Georgia	56150	11B			52	52	52
McManus	Georgia	715	1			6	6	6
McManus	Georgia	715	2			9	9	9
McManus	Georgia	715	3A			1	1	1
McManus	Georgia	715	3B			1	1	1
McManus	Georgia	715	3C			1	1	1
McManus	Georgia	715	4A			1	1	1
McManus	Georgia	715	4B			1	1	1
McManus	Georgia	715	4C			1	1	1
McManus	Georgia	715	4D			1	1	1
McManus	Georgia	715	4E			1	1	1
McManus	Georgia	715	4F			1	1	1
Mid-Georgia Cogeneration	Georgia	55040	1			21	21	21
Mid-Georgia Cogeneration	Georgia	55040	2			21	21	21
Mitchell (GA)	Georgia	727	3			344	344	344
Mitchell (GA)	Georgia	727	4AA			0	0	0
Mitchell (GA)	Georgia	727	4AB			0	0	0
Mitchell (GA)	Georgia	727	4BA			0	0	0
Mitchell (GA)	Georgia	727	4BB			0	0	0

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Mitchell (GA)	Georgia	727	4CA			0	0	0
Mitchell (GA)	Georgia	727	4CB			0	0	0
Murray Energy Facility	Georgia	55382	CCCT1			36	36	36
Murray Energy Facility	Georgia	55382	CCCT2			32	32	32
Murray Energy Facility	Georgia	55382	CCCT3			36	36	36
Murray Energy Facility	Georgia	55382	CCCT4			35	35	35
Robins	Georgia	7348	CT1			11	11	11
Robins	Georgia	7348	CT2			14	14	14
SEGCO Bainbridge	Georgia	56015	P1A			0	0	0
SEGCO Bainbridge	Georgia	56015	P1B			0	0	0
SEGCO Bainbridge	Georgia	56015	P2A			0	0	0
SEGCO Bainbridge	Georgia	56015	P2B			0	0	0
Scherer	Georgia	6257	1			3,743	3,743	3,743
Scherer	Georgia	6257	2			3,846	3,846	3,846
Scherer	Georgia	6257	3			3,713	3,713	3,713
Scherer	Georgia	6257	4			3,794	3,794	3,794
Sewell Creek Energy	Georgia	7813	1			3	3	3
Sewell Creek Energy	Georgia	7813	2			5	5	5
Sewell Creek Energy	Georgia	7813	3			44	44	44
Sewell Creek Energy	Georgia	7813	4			43	43	43
Smarr Energy Facility	Georgia	7829	1			18	18	18
Smarr Energy Facility	Georgia	7829	2			20	20	20
Sowega Power Project	Georgia	7768	CT2			8	8	8
Sowega Power Project	Georgia	7768	CT3			8	8	8
Talbot Energy Facility	Georgia	7916	1			11	11	11
Talbot Energy Facility	Georgia	7916	2			7	7	7
Talbot Energy Facility	Georgia	7916	3			7	7	7
Talbot Energy Facility	Georgia	7916	4			7	7	7
Talbot Energy Facility	Georgia	7916	5			10	10	10
Talbot Energy Facility	Georgia	7916	6			8	8	8
Tenaska Georgia Generating Station	Georgia	55061	CT1			4	4	4
Tenaska Georgia Generating Station	Georgia	55061	CT2			5	5	5
Tenaska Georgia Generating Station	Georgia	55061	CT3			7	7	7
Tenaska Georgia Generating Station	Georgia	55061	CT4			5	5	5
Tenaska Georgia Generating Station	Georgia	55061	CT5			4	4	4
Tenaska Georgia Generating Station	Georgia	55061	CT6			5	5	5
Walton County Power, LLC	Georgia	55128	T1			32	32	32

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Walton County Power, LLC	Georgia	55128	T2			37	37	37
Walton County Power, LLC	Georgia	55128	T3			30	30	30
Wansley (6052)	Georgia	6052	1			3,484	3,484	3,484
Wansley (6052)	Georgia	6052	2			3,355	3,355	3,355
Wansley (6052)	Georgia	6052	5A			0	0	0
Wansley (6052)	Georgia	6052	6A			58	58	58
Wansley (6052)	Georgia	6052	6B			57	57	57
Wansley (6052)	Georgia	6052	7A			67	67	67
Wansley (6052)	Georgia	6052	7B			55	55	55
Wansley (7946)	Georgia	7946	CT9A			57	57	57
Wansley (7946)	Georgia	7946	CT9B			66	66	66
Washington County Power, LLC	Georgia	55332	T1			10	10	10
Washington County Power, LLC	Georgia	55332	T2			18	18	18
Washington County Power, LLC	Georgia	55332	T3			17	17	17
Washington County Power, LLC	Georgia	55332	T4			8	8	8
West Georgia Generating Facility	Georgia	55267	1			13	13	13
West Georgia Generating Facility	Georgia	55267	2			14	14	14
West Georgia Generating Facility	Georgia	55267	3			14	14	14
West Georgia Generating Facility	Georgia	55267	4			9	9	9
Yates	Georgia	728	Y1BR			364	364	364
Yates	Georgia	728	Y2BR			327	327	327
Yates	Georgia	728	Y3BR			303	303	303
Yates	Georgia	728	Y4BR			436	436	436
Yates	Georgia	728	Y5BR			410	410	410
Yates	Georgia	728	Y6BR			1,212	1,212	1,212
Yates	Georgia	728	Y7BR			1,157	1,157	1,157
A B Brown Generating Station	Indiana	6137	1					
A B Brown Generating Station	Indiana	6137	2					
A B Brown Generating Station	Indiana	6137	3					
A B Brown Generating Station	Indiana	6137	4					
Alcoa Allowance Management Inc	Indiana	6705	4					
Anderson	Indiana	7336	ACT1					
Anderson	Indiana	7336	ACT2					
Anderson	Indiana	7336	ACT3					
Bailly Generating Station	Indiana	995	10					
Bailly Generating Station	Indiana	995	7					
Bailly Generating Station	Indiana	995	8					

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Broadway Avenue Generating Station	Indiana	1011	1					
Broadway Avenue Generating Station	Indiana	1011	2					
Cayuga	Indiana	1001	1					
Cayuga	Indiana	1001	2					
Cayuga	Indiana	1001	4					
Clifty Creek	Indiana	983	1					
Clifty Creek	Indiana	983	2					
Clifty Creek	Indiana	983	3					
Clifty Creek	Indiana	983	4					
Clifty Creek	Indiana	983	5					
Clifty Creek	Indiana	983	6					
Connersville Peaking Station	Indiana	1002	1A					
Connersville Peaking Station	Indiana	1002	1B					
Connersville Peaking Station	Indiana	1002	2A					
Connersville Peaking Station	Indiana	1002	2B					
Dean H Mitchell Generating Station	Indiana	996	11					
Dean H Mitchell Generating Station	Indiana	996	4					
Dean H Mitchell Generating Station	Indiana	996	5					
Dean H Mitchell Generating Station	Indiana	996	6					
Duke Energy Vermillion, II LLC	Indiana	55111	1					
Duke Energy Vermillion, II LLC	Indiana	55111	2					
Duke Energy Vermillion, II LLC	Indiana	55111	3					
Duke Energy Vermillion, II LLC	Indiana	55111	4					
Duke Energy Vermillion, II LLC	Indiana	55111	5					
Duke Energy Vermillion, II LLC	Indiana	55111	6					
Duke Energy Vermillion, II LLC	Indiana	55111	7					
Duke Energy Vermillion, II LLC	Indiana	55111	8					
Edwardsport	Indiana	1004	6-1					
Edwardsport	Indiana	1004	7-1					
Edwardsport	Indiana	1004	7-2					
Edwardsport	Indiana	1004	8-1					
F B Culley Generating Station	Indiana	1012	2					
F B Culley Generating Station	Indiana	1012	3					
Frank E Ratts	Indiana	1043	1SG1					
Frank E Ratts	Indiana	1043	2SG1					
Georgetown Substation	Indiana	7759	GT1					
Georgetown Substation	Indiana	7759	GT2					

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Georgetown Substation	Indiana	7759	GT3					
Georgetown Substation	Indiana	7759	GT4					
Gibson	Indiana	6113	1					
Gibson	Indiana	6113	2					
Gibson	Indiana	6113	3					
Gibson	Indiana	6113	4					
Gibson	Indiana	6113	5					
Harding Street Station (EW Stout)	Indiana	990	10					
Harding Street Station (EW Stout)	Indiana	990	50					
Harding Street Station (EW Stout)	Indiana	990	60					
Harding Street Station (EW Stout)	Indiana	990	70					
Harding Street Station (EW Stout)	Indiana	990	9					
Harding Street Station (EW Stout)	Indiana	990	GT4					
Harding Street Station (EW Stout)	Indiana	990	GT5					
Harding Street Station (EW Stout)	Indiana	990	GT6					
Henry County Generating Station	Indiana	7763	1					
Henry County Generating Station	Indiana	7763	2					
Henry County Generating Station	Indiana	7763	3					
Hoosier Energy Lawrence Co Station	Indiana	7948	1					
Hoosier Energy Lawrence Co Station	Indiana	7948	2					
Hoosier Energy Lawrence Co Station	Indiana	7948	3					
Hoosier Energy Lawrence Co Station	Indiana	7948	4					
Hoosier Energy Lawrence Co Station	Indiana	7948	5					
Hoosier Energy Lawrence Co Station	Indiana	7948	6					
IPL Eagle Valley Generating Station	Indiana	991	1					
IPL Eagle Valley Generating Station	Indiana	991	2					
IPL Eagle Valley Generating Station	Indiana	991	3					
IPL Eagle Valley Generating Station	Indiana	991	4					
IPL Eagle Valley Generating Station	Indiana	991	5					
IPL Eagle Valley Generating Station	Indiana	991	6					
Lawrenceburg Energy Facility	Indiana	55502	1					
Lawrenceburg Energy Facility	Indiana	55502	2					
Lawrenceburg Energy Facility	Indiana	55502	3					
Lawrenceburg Energy Facility	Indiana	55502	4					
Merom	Indiana	6213	1SG1					
Merom	Indiana	6213	2SG1					
Michigan City Generating Station	Indiana	997	12					

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Michigan City Generating Station	Indiana	997	4					
Michigan City Generating Station	Indiana	997	5					
Michigan City Generating Station	Indiana	997	6					
Montpelier Electric Gen Station	Indiana	55229	G1CT1					
Montpelier Electric Gen Station	Indiana	55229	G1CT2					
Montpelier Electric Gen Station	Indiana	55229	G2CT1					
Montpelier Electric Gen Station	Indiana	55229	G2CT2					
Montpelier Electric Gen Station	Indiana	55229	G3CT1					
Montpelier Electric Gen Station	Indiana	55229	G3CT2					
Montpelier Electric Gen Station	Indiana	55229	G4CT1					
Montpelier Electric Gen Station	Indiana	55229	G4CT2					
Noblesville	Indiana	1007	CT3					
Noblesville	Indiana	1007	CT4					
Noblesville	Indiana	1007	CT5					
Petersburg	Indiana	994	1					
Petersburg	Indiana	994	2					
Petersburg	Indiana	994	3					
Petersburg	Indiana	994	4					
Portside Energy	Indiana	55096	GT					
R Gallagher	Indiana	1008	1					
R Gallagher	Indiana	1008	2					
R Gallagher	Indiana	1008	3					
R Gallagher	Indiana	1008	4					
R M Schahfer Generating Station	Indiana	6085	14					
R M Schahfer Generating Station	Indiana	6085	15					
R M Schahfer Generating Station	Indiana	6085	16A					
R M Schahfer Generating Station	Indiana	6085	16B					
R M Schahfer Generating Station	Indiana	6085	17					
R M Schahfer Generating Station	Indiana	6085	18					
Richmond (IN)	Indiana	7335	RCT1					
Richmond (IN)	Indiana	7335	RCT2					
Rockport	Indiana	6166	MB1					
Rockport	Indiana	6166	MB2					
State Line Generating Station (IN)	Indiana	981	3					
State Line Generating Station (IN)	Indiana	981	4					
Sugar Creek Generating Station	Indiana	55364	CT11					
Sugar Creek Generating Station	Indiana	55364	CT12					

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Tanners Creek	Indiana	988	U1					
Tanners Creek	Indiana	988	U2					
Tanners Creek	Indiana	988	U3					
Tanners Creek	Indiana	988	U4					
Wabash River Gen Station	Indiana	1010	1					
Wabash River Gen Station	Indiana	1010	2					
Wabash River Gen Station	Indiana	1010	3					
Wabash River Gen Station	Indiana	1010	4					
Wabash River Gen Station	Indiana	1010	5					
Wabash River Gen Station	Indiana	1010	6					
Wheatland Generating Facility LLC	Indiana	55224	EU-01					
Wheatland Generating Facility LLC	Indiana	55224	EU-02					
Wheatland Generating Facility LLC	Indiana	55224	EU-03					
Wheatland Generating Facility LLC	Indiana	55224	EU-04					
Whitewater Valley	Indiana	1040	1					
Whitewater Valley	Indiana	1040	2					
Whiting Clean Energy, Inc.	Indiana	55259	CT1					
Whiting Clean Energy, Inc.	Indiana	55259	CT2					
Worthington Generation	Indiana	55148	1					
Worthington Generation	Indiana	55148	2					
Worthington Generation	Indiana	55148	3					
Worthington Generation	Indiana	55148	4					
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	17	17	17	17	17
Chanute 2	Kansas	1268	14	25	25	25	25	25
Cimarron River	Kansas	1230	1	116	116	116	116	116
Clifton	Kansas	8037	T1	23	23	23	23	23
Coffeyville	Kansas	1271	4	7	7	7	7	7
East 12th Street	Kansas	7013	4	7	7	7	7	7
Emporia Energy Center	Kansas	56502	EEC1	30	30	30	30	30
Emporia Energy Center	Kansas	56502	EEC2	33	33	33	33	33
Emporia Energy Center	Kansas	56502	EEC3	33	33	33	33	33
Emporia Energy Center	Kansas	56502	EEC4	31	31	31	31	31
Emporia Energy Center	Kansas	56502	EEC5	8	8	8	8	8
Emporia Energy Center	Kansas	56502	EEC6	11	11	11	11	11
Emporia Energy Center	Kansas	56502	EEC7	7	7	7	7	7
Fort Dodge aka Judson Large	Kansas	1233	4	361	361	361	361	361
Garden City	Kansas	1336	S-2	59	59	59	59	59

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Garden City	Kansas	1336	S4	7	7	7	7	7
Garden City	Kansas	1336	S5	7	7	7	7	7
Gordon Evans Energy Center	Kansas	1240	1	154	154	154	154	154
Gordon Evans Energy Center	Kansas	1240	2	337	337	337	337	337
Gordon Evans Energy Center	Kansas	1240	E1CT	4	4	4	4	4
Gordon Evans Energy Center	Kansas	1240	E2CT	5	5	5	5	5
Gordon Evans Energy Center	Kansas	1240	E3CT	12	12	12	12	12
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	126	126	126	126	126
Holcomb	Kansas	108	SGU1	2,118	2,118	2,118	2,118	2,118
Hutchinson Energy Center	Kansas	1248	4	162	162	162	162	162
Hutchinson Energy Center	Kansas	1248	GT1	1	1	1	1	1
Hutchinson Energy Center	Kansas	1248	GT2	1	1	1	1	1
Hutchinson Energy Center	Kansas	1248	GT3	1	1	1	1	1
Hutchinson Energy Center	Kansas	1248	GT4	1	1	1	1	1
Jeffrey Energy Center	Kansas	6068	1	4,049	4,049	4,049	4,049	4,049
Jeffrey Energy Center	Kansas	6068	2	3,919	3,919	3,919	3,919	3,919
Jeffrey Energy Center	Kansas	6068	3	3,804	3,804	3,804	3,804	3,804
La Cygne	Kansas	1241	1	3,869	3,869	3,869	3,869	3,869
La Cygne	Kansas	1241	2	3,805	3,805	3,805	3,805	3,805
Lawrence Energy Center	Kansas	1250	3	350	350	350	350	350
Lawrence Energy Center	Kansas	1250	4	683	683	683	683	683
Lawrence Energy Center	Kansas	1250	5	2,021	2,021	2,021	2,021	2,021
McPherson 2	Kansas	1305	GT1	2	2	2	2	2
McPherson 2	Kansas	1305	GT2	2	2	2	2	2
McPherson 2	Kansas	1305	GT3	2	2	2	2	2
McPherson 3	Kansas	7515	1	18	18	18	18	18
Murray Gill Energy Center	Kansas	1242	1	8	8	8	8	8
Murray Gill Energy Center	Kansas	1242	2	21	21	21	21	21
Murray Gill Energy Center	Kansas	1242	3	111	111	111	111	111
Murray Gill Energy Center	Kansas	1242	4	80	80	80	80	80
Nearman Creek	Kansas	6064	CT4	30	30	30	30	30
Nearman Creek	Kansas	6064	N1	1,412	1,412	1,412	1,412	1,412
Neosho Energy Center	Kansas	1243	7	7	7	7	7	7
Osawatomie Generating Station	Kansas	7928	1	2	2	2	2	2
Quindaro	Kansas	1295	1	449	449	449	449	449
Quindaro	Kansas	1295	2	574	574	574	574	574
Quindaro	Kansas	1295	GT2	2	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Quindaro	Kansas	1295	GT3	2	2	2	2	2
Riverton	Kansas	1239	12	32	32	32	32	32
Riverton	Kansas	1239	39	190	190	190	190	190
Riverton	Kansas	1239	40	321	321	321	321	321
Tecumseh Energy Center	Kansas	1252	10	766	766	766	766	766
Tecumseh Energy Center	Kansas	1252	9	475	475	475	475	475
West Gardner Generating Station	Kansas	7929	1	4	4	4	4	4
West Gardner Generating Station	Kansas	7929	2	4	4	4	4	4
West Gardner Generating Station	Kansas	7929	3	4	4	4	4	4
West Gardner Generating Station	Kansas	7929	4	4	4	4	4	4
Acadia Power Station	Louisiana	55173	CT1					
Acadia Power Station	Louisiana	55173	CT2					
Acadia Power Station	Louisiana	55173	CT3					
Acadia Power Station	Louisiana	55173	CT4					
Arsenal Hill Power Plant	Louisiana	1416	5A					
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1					
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2					
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3					
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4					
Big Cajun 1	Louisiana	1464	1B1					
Big Cajun 1	Louisiana	1464	1B2					
Big Cajun 1	Louisiana	1464	CTG1					
Big Cajun 1	Louisiana	1464	CTG2					
Big Cajun 2	Louisiana	6055	2B1					
Big Cajun 2	Louisiana	6055	2B2					
Big Cajun 2	Louisiana	6055	2B3					
Brame Energy Center	Louisiana	6190	1					
Brame Energy Center	Louisiana	6190	2					
Brame Energy Center	Louisiana	6190	3-1					
Brame Energy Center	Louisiana	6190	3-2					
Calcasieu Plant	Louisiana	55165	GTG1					
Calcasieu Plant	Louisiana	55165	GTG2					
Carville Energy Center	Louisiana	55404	COG01					
Carville Energy Center	Louisiana	55404	COG02					
Coughlin Power Station	Louisiana	1396	6-1					
Coughlin Power Station	Louisiana	1396	7-1					
Coughlin Power Station	Louisiana	1396	7-2					

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
D G Hunter	Louisiana	6558	3					
D G Hunter	Louisiana	6558	4					
Doc Bonin	Louisiana	1443	1					
Doc Bonin	Louisiana	1443	2					
Doc Bonin	Louisiana	1443	3					
Dolet Hills Power Station	Louisiana	51	1					
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1					
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2					
Houma	Louisiana	1439	15					
Houma	Louisiana	1439	16					
Lieberman Power Plant	Louisiana	1417	3					
Lieberman Power Plant	Louisiana	1417	4					
Little Gypsy	Louisiana	1402	1					
Little Gypsy	Louisiana	1402	2					
Little Gypsy	Louisiana	1402	3					
Louisiana 1	Louisiana	1391	1A					
Louisiana 1	Louisiana	1391	2A					
Louisiana 1	Louisiana	1391	3A					
Louisiana 1	Louisiana	1391	4A					
Louisiana 1	Louisiana	1391	5A					
Michoud	Louisiana	1409	1					
Michoud	Louisiana	1409	2					
Michoud	Louisiana	1409	3					
Morgan City Electrical Gen Facility	Louisiana	1449	4					
Natchitoches	Louisiana	1450	10					
Nelson Industrial Steam Company	Louisiana	50030	1A					
Nelson Industrial Steam Company	Louisiana	50030	2A					
Ninemile Point	Louisiana	1403	1					
Ninemile Point	Louisiana	1403	2					
Ninemile Point	Louisiana	1403	3					
Ninemile Point	Louisiana	1403	4					
Ninemile Point	Louisiana	1403	5					
Ouachita Plant	Louisiana	55467	CTGEN1					
Ouachita Plant	Louisiana	55467	CTGEN2					
Ouachita Plant	Louisiana	55467	CTGEN3					
Perryville Power Station	Louisiana	55620	1-1					
Perryville Power Station	Louisiana	55620	1-2					

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Perryville Power Station	Louisiana	55620	2-1					
Plaquemine Cogen Facility	Louisiana	55419	500					
Plaquemine Cogen Facility	Louisiana	55419	600					
Plaquemine Cogen Facility	Louisiana	55419	700					
Plaquemine Cogen Facility	Louisiana	55419	800					
R S Cogen	Louisiana	55117	RS-5					
R S Cogen	Louisiana	55117	RS-6					
R S Nelson	Louisiana	1393	3					
R S Nelson	Louisiana	1393	4					
R S Nelson	Louisiana	1393	6					
Sterlington	Louisiana	1404	10					
Sterlington	Louisiana	1404	7AB					
Sterlington	Louisiana	1404	7C					
T J Labbe Electric Generating Station	Louisiana	56108	U-1					
T J Labbe Electric Generating Station	Louisiana	56108	U-2					
Taft Cogeneration Facility	Louisiana	55089	CT1					
Taft Cogeneration Facility	Louisiana	55089	CT2					
Taft Cogeneration Facility	Louisiana	55089	CT3					
Teche Power Station	Louisiana	1400	2					
Teche Power Station	Louisiana	1400	3					
Waterford 1 & 2	Louisiana	8056	1					
Waterford 1 & 2	Louisiana	8056	2					
Waterford 1 & 2	Louisiana	8056	4					
Willow Glen	Louisiana	1394	1					
Willow Glen	Louisiana	1394	2					
Willow Glen	Louisiana	1394	3					
Willow Glen	Louisiana	1394	4					
Willow Glen	Louisiana	1394	5					
Attala Generating Plant	Mississippi	55220	A01					
Attala Generating Plant	Mississippi	55220	A02					
Batesville Generation Facility	Mississippi	55063	1					
Batesville Generation Facility	Mississippi	55063	2					
Batesville Generation Facility	Mississippi	55063	3					
Baxter Wilson	Mississippi	2050	1					
Baxter Wilson	Mississippi	2050	2					
Caledonia	Mississippi	55197	AA-001					
Caledonia	Mississippi	55197	AA-002					

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Caledonia	Mississippi	55197	AA-003					
Chevron Cogenerating Station	Mississippi	2047	5					
Choctaw County Gen	Mississippi	55706	CTG1					
Choctaw County Gen	Mississippi	55706	CTG2					
Choctaw County Gen	Mississippi	55706	CTG3					
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001					
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002					
Crossroads Energy Center (CPU)	Mississippi	55395	CT01					
Crossroads Energy Center (CPU)	Mississippi	55395	CT02					
Crossroads Energy Center (CPU)	Mississippi	55395	CT03					
Crossroads Energy Center (CPU)	Mississippi	55395	CT04					
Daniel Electric Generating Plant	Mississippi	6073	1					
Daniel Electric Generating Plant	Mississippi	6073	2					
Daniel Electric Generating Plant	Mississippi	6073	3A					
Daniel Electric Generating Plant	Mississippi	6073	3B					
Daniel Electric Generating Plant	Mississippi	6073	4A					
Daniel Electric Generating Plant	Mississippi	6073	4B					
Delta	Mississippi	2051	1					
Delta	Mississippi	2051	2					
Gerald Andrus	Mississippi	8054	1					
Hinds Energy Facility	Mississippi	55218	H01					
Hinds Energy Facility	Mississippi	55218	H02					
Kemper County	Mississippi	7960	KCT1					
Kemper County	Mississippi	7960	KCT2					
Kemper County	Mississippi	7960	KCT3					
Kemper County	Mississippi	7960	KCT4					
Magnolia Facility	Mississippi	55451	CTG-1					
Magnolia Facility	Mississippi	55451	CTG-2					
Magnolia Facility	Mississippi	55451	CTG-3					
Moselle Generating Plant	Mississippi	2070	**4					
Moselle Generating Plant	Mississippi	2070	1					
Moselle Generating Plant	Mississippi	2070	2					
Moselle Generating Plant	Mississippi	2070	3					
Moselle Generating Plant	Mississippi	2070	5					
R D Morrow Senior Generating Plant	Mississippi	6061	1					
R D Morrow Senior Generating Plant	Mississippi	6061	2					
Red Hills Generation Facility	Mississippi	55076	AA001					

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Red Hills Generation Facility	Mississippi	55076	AA002					
Rex Brown	Mississippi	2053	3					
Rex Brown	Mississippi	2053	4					
Silver Creek Generating Plant	Mississippi	7988	1					
Silver Creek Generating Plant	Mississippi	7988	2					
Silver Creek Generating Plant	Mississippi	7988	3					
Southaven Combined Cycle	Mississippi	55269	AA-001					
Southaven Combined Cycle	Mississippi	55269	AA-002					
Southaven Combined Cycle	Mississippi	55269	AA-003					
Sweatt Electric Generating Plant	Mississippi	2048	1					
Sweatt Electric Generating Plant	Mississippi	2048	2					
Sweatt Electric Generating Plant	Mississippi	2048	CTA					
Sweatt Electric Generating Plant	Mississippi	2048	CTB					
Sylvarena Generating Plant	Mississippi	7989	1					
Sylvarena Generating Plant	Mississippi	7989	2					
Sylvarena Generating Plant	Mississippi	7989	3					
Watson Electric Generating Plant	Mississippi	2049	1					
Watson Electric Generating Plant	Mississippi	2049	2					
Watson Electric Generating Plant	Mississippi	2049	3					
Watson Electric Generating Plant	Mississippi	2049	4					
Watson Electric Generating Plant	Mississippi	2049	5					
Watson Electric Generating Plant	Mississippi	2049	CTA					
Watson Electric Generating Plant	Mississippi	2049	CTB					
Asbury	Missouri	2076	1	1,038	989	884	884	884
Audrain Power Plant	Missouri	55234	CT1	2	2	2	2	2
Audrain Power Plant	Missouri	55234	CT2	2	2	2	2	2
Audrain Power Plant	Missouri	55234	CT3	2	2	2	2	2
Audrain Power Plant	Missouri	55234	CT4	2	2	2	2	2
Audrain Power Plant	Missouri	55234	CT5	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT6	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT7	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT8	1	1	1	1	1
Blue Valley	Missouri	2132	3	148	141	126	126	126
Chamois Power Plant	Missouri	2169	2	292	278	248	248	248
Chillicothe	Missouri	2122	GT1A	0	0	0	0	0
Chillicothe	Missouri	2122	GT1B	0	0	0	0	0
Chillicothe	Missouri	2122	GT2A	0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Chillicothe	Missouri	2122	GT2B	0	0	0	0	0
Columbia	Missouri	2123	6	26	24	22	22	22
Columbia	Missouri	2123	7	70	67	60	60	60
Columbia	Missouri	2123	8	0	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT01	1	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT02	2	2	2	2	2
Columbia Energy Center (MO)	Missouri	55447	CT03	1	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT04	1	1	1	1	1
Dogwood Energy Facility	Missouri	55178	CT-1	33	33	33	33	33
Dogwood Energy Facility	Missouri	55178	CT-2	30	30	30	30	30
Empire District Elec Co Energy Ctr	Missouri	6223	1	1	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	2	2	2	2	2	2
Empire District Elec Co Energy Ctr	Missouri	6223	3A	11	11	11	11	11
Empire District Elec Co Energy Ctr	Missouri	6223	3B	11	11	11	11	11
Empire District Elec Co Energy Ctr	Missouri	6223	4A	12	12	12	12	12
Empire District Elec Co Energy Ctr	Missouri	6223	4B	12	12	12	12	12
Essex Power Plant	Missouri	7749	1	9	9	8	8	8
Fairgrounds	Missouri	2082	CT01	0	0	0	0	0
Greenwood Energy Center	Missouri	6074	1	7	6	6	6	6
Greenwood Energy Center	Missouri	6074	2	5	5	4	4	4
Greenwood Energy Center	Missouri	6074	3	7	7	6	6	6
Greenwood Energy Center	Missouri	6074	4	9	8	8	8	8
Hawthorn	Missouri	2079	5A	2,445	2,445	2,445	2,445	2,445
Hawthorn	Missouri	2079	6	1	1	1	1	1
Hawthorn	Missouri	2079	7	7	7	7	7	7
Hawthorn	Missouri	2079	8	8	8	8	8	8
Hawthorn	Missouri	2079	9	21	21	21	21	21
Higginsville Municipal Power Plant	Missouri	2131	4A	0	0	0	0	0
Higginsville Municipal Power Plant	Missouri	2131	4B	0	0	0	0	0
Holden Power Plant	Missouri	7848	1	5	5	5	5	5
Holden Power Plant	Missouri	7848	2	6	6	6	6	6
Holden Power Plant	Missouri	7848	3	5	5	5	5	5
Howard Bend	Missouri	2102	CT1A	0	0	0	0	0
Howard Bend	Missouri	2102	CT1B	0	0	0	0	0
Iatan	Missouri	6065	1	3,634	3,464	3,094	3,094	3,094
James River	Missouri	2161	**GT1	8	7	7	7	7
James River	Missouri	2161	**GT2	15	15	13	13	13

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
James River	Missouri	2161	3	244	232	207	207	207
James River	Missouri	2161	4	277	264	235	235	235
James River	Missouri	2161	5	511	487	435	435	435
Labadie	Missouri	2103	1	2,321	2,321	2,321	2,321	2,321
Labadie	Missouri	2103	2	2,495	2,495	2,495	2,495	2,495
Labadie	Missouri	2103	3	2,695	2,695	2,677	2,677	2,677
Labadie	Missouri	2103	4	2,613	2,613	2,613	2,613	2,613
Lake Road	Missouri	2098	6	486	463	414	414	414
Lake Road	Missouri	2098	GT5	2	2	2	2	2
McCartney Generating Station	Missouri	7903	MGS1A	12	11	10	10	10
McCartney Generating Station	Missouri	7903	MGS1B	12	11	10	10	10
McCartney Generating Station	Missouri	7903	MGS2A	11	11	10	10	10
McCartney Generating Station	Missouri	7903	MGS2B	11	11	10	10	10
Meramec	Missouri	2104	1	759	724	646	646	646
Meramec	Missouri	2104	2	716	682	609	609	609
Meramec	Missouri	2104	3	1,263	1,204	1,075	1,075	1,075
Meramec	Missouri	2104	4	1,761	1,678	1,499	1,499	1,499
Meramec	Missouri	2104	CT01	0	0	0	0	0
Meramec	Missouri	2104	CT2A	1	0	0	0	0
Meramec	Missouri	2104	CT2B	0	0	0	0	0
Mexico	Missouri	6650	CT01	0	0	0	0	0
Moberly	Missouri	6651	CT01	1	0	0	0	0
Montrose	Missouri	2080	1	851	811	725	725	725
Montrose	Missouri	2080	2	834	795	710	710	710
Montrose	Missouri	2080	3	876	835	746	746	746
Moreau	Missouri	6652	CT01	0	0	0	0	0
New Madrid Power Plant	Missouri	2167	1	2,673	2,548	2,276	2,276	2,276
New Madrid Power Plant	Missouri	2167	2	2,551	2,432	2,172	2,172	2,172
Nodaway Power Plant	Missouri	7754	1	5	5	4	4	4
Nodaway Power Plant	Missouri	7754	2	5	5	5	5	5
Northeast Generating Station	Missouri	2081	11	0	0	0	0	0
Northeast Generating Station	Missouri	2081	12	0	0	0	0	0
Northeast Generating Station	Missouri	2081	13	0	0	0	0	0
Northeast Generating Station	Missouri	2081	14	0	0	0	0	0
Northeast Generating Station	Missouri	2081	15	0	0	0	0	0
Northeast Generating Station	Missouri	2081	16	0	0	0	0	0
Northeast Generating Station	Missouri	2081	17	1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Northeast Generating Station	Missouri	2081	18	1	1	1	1	1
Peno Creek Energy Center	Missouri	7964	CT1A	11	11	11	11	11
Peno Creek Energy Center	Missouri	7964	CT1B	10	10	10	10	10
Peno Creek Energy Center	Missouri	7964	CT2A	10	10	10	10	10
Peno Creek Energy Center	Missouri	7964	CT2B	10	10	9	9	9
Peno Creek Energy Center	Missouri	7964	CT3A	11	11	11	11	11
Peno Creek Energy Center	Missouri	7964	CT3B	11	11	11	11	11
Peno Creek Energy Center	Missouri	7964	CT4A	10	10	10	10	10
Peno Creek Energy Center	Missouri	7964	CT4B	10	10	10	10	10
Ralph Green Station	Missouri	2092	3	1	1	1	1	1
Rush Island	Missouri	6155	1	2,086	2,086	2,086	2,086	2,086
Rush Island	Missouri	6155	2	2,106	2,106	2,106	2,106	2,106
Sibley	Missouri	2094	1	261	249	222	222	222
Sibley	Missouri	2094	2	257	245	219	219	219
Sibley	Missouri	2094	3	1,644	1,567	1,400	1,400	1,400
Sikeston	Missouri	6768	1	1,490	1,420	1,268	1,268	1,268
Sioux	Missouri	2107	1	2,201	2,098	1,874	1,874	1,874
Sioux	Missouri	2107	2	1,986	1,893	1,690	1,690	1,690
South Harper Peaking Facility	Missouri	56151	1	15	15	15	15	15
South Harper Peaking Facility	Missouri	56151	2	19	19	19	19	19
South Harper Peaking Facility	Missouri	56151	3	23	23	23	23	23
Southwest	Missouri	6195	1	941	897	801	801	801
Southwest	Missouri	6195	CT1A	1	1	1	1	1
Southwest	Missouri	6195	CT1B	1	1	1	1	1
Southwest	Missouri	6195	CT2A	1	1	1	1	1
Southwest	Missouri	6195	CT2B	1	1	1	1	1
St. Francis Power Plant	Missouri	7604	1	31	31	31	31	31
St. Francis Power Plant	Missouri	7604	2	29	29	29	29	29
State Line (MO)	Missouri	7296	1	10	9	8	8	8
State Line (MO)	Missouri	7296	2-1	57	57	57	57	57
State Line (MO)	Missouri	7296	2-2	59	59	59	59	59
Thomas Hill Energy Center	Missouri	2168	MB1	973	928	829	829	829
Thomas Hill Energy Center	Missouri	2168	MB2	1,523	1,451	1,296	1,296	1,296
Thomas Hill Energy Center	Missouri	2168	MB3	3,141	2,993	2,674	2,674	2,674
Viaduct	Missouri	2096	CT01	0	0	0	0	0
Beatrice	Nebraska	8000	1					
Beatrice	Nebraska	8000	2					

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C W Burdick	Nebraska	2241	B-3					
C W Burdick	Nebraska	2241	GT-2					
C W Burdick	Nebraska	2241	GT-3					
Canaday	Nebraska	2226	1					
Cass County Station	Nebraska	55972	CT1					
Cass County Station	Nebraska	55972	CT2					
Gerald Gentleman Station	Nebraska	6077	1					
Gerald Gentleman Station	Nebraska	6077	2					
Gerald Whelan Energy Center	Nebraska	60	1					
Hallam	Nebraska	2265	1					
Hebron	Nebraska	2266	1					
J Street	Nebraska	2250	1					
Jones Street	Nebraska	2290	1					
Jones Street	Nebraska	2290	2					
Lon D Wright Power Plant	Nebraska	2240	50T					
Lon D Wright Power Plant	Nebraska	2240	8					
McCook	Nebraska	2271	1					
Nebraska City Station	Nebraska	6096	1					
Nebraska City Station	Nebraska	6096	2					
North Omaha Station	Nebraska	2291	1					
North Omaha Station	Nebraska	2291	2					
North Omaha Station	Nebraska	2291	3					
North Omaha Station	Nebraska	2291	4					
North Omaha Station	Nebraska	2291	5					
Platte	Nebraska	59	1					
Rokeyby	Nebraska	6373	1					
Rokeyby	Nebraska	6373	2					
Rokeyby	Nebraska	6373	3					
Sarpy County	Nebraska	2292	1					
Sarpy County	Nebraska	2292	2					
Sarpy County Station	Nebraska	2292	CT3					
Sarpy County Station	Nebraska	2292	CT4A					
Sarpy County Station	Nebraska	2292	CT4B					
Sarpy County Station	Nebraska	2292	CT5A					
Sarpy County Station	Nebraska	2292	CT5B					
Sheldon	Nebraska	2277	1					
Sheldon	Nebraska	2277	2					

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Terry Bundy Generating Station	Nebraska	7887	SVGS2					
Terry Bundy Generating Station	Nebraska	7887	SVGS3					
Terry Bundy Generating Station	Nebraska	7887	SVGS4					
23rd and 3rd	New York	7910	2301	5	5	5	5	5
23rd and 3rd	New York	7910	2302	5	5	5	5	5
74th Street	New York	2504	120	60	60	60	60	60
74th Street	New York	2504	121	69	69	69	69	69
74th Street	New York	2504	122	62	62	62	62	62
AES Cayuga, LLC	New York	2535	1	506	506	506	506	506
AES Cayuga, LLC	New York	2535	2	502	502	502	502	502
AES Greenidge	New York	2527	4	25	25	25	25	25
AES Greenidge	New York	2527	5	22	22	22	22	22
AES Greenidge	New York	2527	6	290	290	290	290	290
AES Somerset (Kintigh)	New York	6082	1	2,221	2,221	2,221	2,221	2,221
AES Westover (Goudey)	New York	2526	13	215	215	215	215	215
AG - Energy	New York	10803	1	1	1	1	1	1
AG - Energy	New York	10803	2	1	1	1	1	1
Allegany Station No. 133	New York	10619	00001	20	20	20	20	20
Arthur Kill	New York	2490	20	319	319	319	319	319
Arthur Kill	New York	2490	30	311	311	311	311	311
Astoria Energy	New York	55375	CT1	101	101	101	101	101
Astoria Energy	New York	55375	CT2	91	91	91	91	91
Astoria Gas Turbine Power	New York	55243	CT2-1A	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-1B	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-2A	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-2B	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-3A	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-3B	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-4A	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-4B	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-1A	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-1B	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-2A	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-2B	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-3A	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-3B	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-4A	3	3	3	3	3

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Astoria Gas Turbine Power	New York	55243	CT3-4B	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-1A	4	4	4	4	4
Astoria Gas Turbine Power	New York	55243	CT4-1B	4	4	4	4	4
Astoria Gas Turbine Power	New York	55243	CT4-2A	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-2B	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-3A	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-3B	3	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-4A	4	4	4	4	4
Astoria Gas Turbine Power	New York	55243	CT4-4B	4	4	4	4	4
Astoria Generating Station	New York	8906	20	24	24	24	24	24
Astoria Generating Station	New York	8906	31RH	175	175	175	175	175
Astoria Generating Station	New York	8906	32SH	156	156	156	156	156
Astoria Generating Station	New York	8906	41SH	138	138	138	138	138
Astoria Generating Station	New York	8906	42RH	116	116	116	116	116
Astoria Generating Station	New York	8906	51RH	103	103	103	103	103
Astoria Generating Station	New York	8906	52SH	98	98	98	98	98
Athens Generating Company	New York	55405	1	78	77	77	77	77
Athens Generating Company	New York	55405	2	77	77	77	77	77
Athens Generating Company	New York	55405	3	87	87	87	87	87
Batavia Energy	New York	54593	1	11	11	11	11	11
Bayswater Peaking Facility	New York	55699	1	14	14	14	14	14
Bayswater Peaking Facility	New York	55699	2	7	7	7	7	7
Bethlehem Energy Center (Albany)	New York	2539	10001	44	44	44	44	44
Bethlehem Energy Center (Albany)	New York	2539	10002	39	39	39	39	39
Bethlehem Energy Center (Albany)	New York	2539	10003	40	40	40	40	40
Bethpage Energy Center	New York	50292	GT1	26	26	26	26	26
Bethpage Energy Center	New York	50292	GT2	21	21	21	21	21
Bethpage Energy Center	New York	50292	GT3	10	10	10	10	10
Bethpage Energy Center	New York	50292	GT4	16	16	16	16	16
Binghamton Cogen Plant	New York	55600	1	3	3	3	3	3
Black River Generation, LLC	New York	10464	E0001	88	88	88	88	88
Black River Generation, LLC	New York	10464	E0002	89	89	89	89	89
Black River Generation, LLC	New York	10464	E0003	89	89	89	89	89
Bowline Generating Station	New York	2625	1	155	155	155	155	155
Bowline Generating Station	New York	2625	2	60	60	60	60	60
Brentwood	New York	7912	BW01	5	5	5	5	5
Brooklyn Navy Yard Cogeneration	New York	54914	1	41	41	41	41	41

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Brooklyn Navy Yard Cogeneration	New York	54914	2	41	41	41	41	41
Caithness Long Island Energy Center	New York	56234	0001	44	44	44	44	44
Carr Street Generating Station	New York	50978	A	4	4	4	4	4
Carr Street Generating Station	New York	50978	B	4	4	4	4	4
Carthage Energy	New York	10620	1	6	6	6	6	6
Castleton Power, LLC	New York	10190	1	66	66	66	66	66
Charles Poletti	New York	2491	001	951	951	951	951	951
Dynegy Danskammer	New York	2480	1	12	12	12	12	12
Dynegy Danskammer	New York	2480	2	10	10	10	10	10
Dynegy Danskammer	New York	2480	3	417	417	417	417	417
Dynegy Danskammer	New York	2480	4	716	716	716	716	716
Dynegy Roseton	New York	8006	1	138	138	138	138	138
Dynegy Roseton	New York	8006	2	193	193	193	193	193
E F Barrett	New York	2511	10	344	344	344	344	344
E F Barrett	New York	2511	20	302	302	302	302	302
E F Barrett	New York	2511	U00012	5	5	5	5	5
E F Barrett	New York	2511	U00013	5	5	5	5	5
E F Barrett	New York	2511	U00014	5	5	5	5	5
E F Barrett	New York	2511	U00015	5	5	5	5	5
E F Barrett	New York	2511	U00016	6	6	6	6	6
E F Barrett	New York	2511	U00017	6	6	6	6	6
E F Barrett	New York	2511	U00018	6	6	6	6	6
E F Barrett	New York	2511	U00019	6	6	6	6	6
East River	New York	2493	1	51	51	51	51	51
East River	New York	2493	2	53	53	53	53	53
East River	New York	2493	60	276	276	276	276	276
East River	New York	2493	70	260	260	260	260	260
Edgewood Energy	New York	55786	CT01	4	4	4	4	4
Edgewood Energy	New York	55786	CT02	4	4	4	4	4
Equus Power I	New York	56032	0001	17	17	17	17	17
Far Rockaway	New York	2513	40	117	117	117	117	117
Fortistar North Tonawanda Inc	New York	54131	NTCT1	11	11	11	11	11
Freeport Power Plant No. 2	New York	2679	5	24	24	24	24	24
Glenwood	New York	2514	40	70	70	70	70	70
Glenwood	New York	2514	50	62	62	62	62	62
Glenwood	New York	2514	U00020	1	1	1	1	1
Glenwood	New York	2514	U00021	2	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Glenwood Landing Energy Center	New York	7869	UGT012	5	5	5	5	5
Glenwood Landing Energy Center	New York	7869	UGT013	5	5	5	5	5
Harlem River Yard	New York	7914	HR01	5	5	5	5	5
Harlem River Yard	New York	7914	HR02	4	4	4	4	4
Hawkeye Energy Greenport, LLC	New York	55969	U-01	10	10	10	10	10
Hell Gate	New York	7913	HG01	6	6	6	6	6
Hell Gate	New York	7913	HG02	6	6	6	6	6
Hillburn	New York	2628	001	1	1	1	1	1
Holtsville Facility	New York	8007	U00001	2	2	2	2	2
Holtsville Facility	New York	8007	U00002	2	2	2	2	2
Holtsville Facility	New York	8007	U00003	2	2	2	2	2
Holtsville Facility	New York	8007	U00004	2	2	2	2	2
Holtsville Facility	New York	8007	U00005	2	2	2	2	2
Holtsville Facility	New York	8007	U00006	2	2	2	2	2
Holtsville Facility	New York	8007	U00007	2	2	2	2	2
Holtsville Facility	New York	8007	U00008	2	2	2	2	2
Holtsville Facility	New York	8007	U00009	2	2	2	2	2
Holtsville Facility	New York	8007	U00010	2	2	2	2	2
Holtsville Facility	New York	8007	U00011	3	3	3	3	3
Holtsville Facility	New York	8007	U00012	3	3	3	3	3
Holtsville Facility	New York	8007	U00013	4	4	4	4	4
Holtsville Facility	New York	8007	U00014	4	4	4	4	4
Holtsville Facility	New York	8007	U00015	3	3	3	3	3
Holtsville Facility	New York	8007	U00016	3	3	3	3	3
Holtsville Facility	New York	8007	U00017	4	4	4	4	4
Holtsville Facility	New York	8007	U00018	4	4	4	4	4
Holtsville Facility	New York	8007	U00019	3	3	3	3	3
Holtsville Facility	New York	8007	U00020	3	3	3	3	3
Huntley Power	New York	2549	67	584	584	584	584	584
Huntley Power	New York	2549	68	569	569	569	569	569
Indeck-Corinth Energy Center	New York	50458	1	105	105	105	105	105
Indeck-Olean Energy Center	New York	54076	1	44	44	44	44	44
Indeck-Oswego Energy Center	New York	50450	1	6	6	6	6	6
Indeck-Silver Springs Energy Center	New York	50449	1	20	20	20	20	20
Indeck-Yerkes Energy Center	New York	50451	1	8	8	8	8	8
Independence	New York	54547	1	52	52	52	52	52
Independence	New York	54547	2	52	52	52	52	52

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Independence	New York	54547	3	57	57	57	57	57
Independence	New York	54547	4	51	51	51	51	51
KIAC Cogeneration	New York	54114	GT1	56	56	56	56	56
KIAC Cogeneration	New York	54114	GT2	56	56	56	56	56
Lockport	New York	54041	011854	53	53	53	53	53
Lockport	New York	54041	011855	60	60	60	60	60
Lockport	New York	54041	011856	68	68	68	68	68
Massena Energy Facility	New York	54592	001	3	3	3	3	3
NRG Dunkirk Power	New York	2554	1	292	292	292	292	292
NRG Dunkirk Power	New York	2554	2	310	310	310	310	310
NRG Dunkirk Power	New York	2554	3	516	516	516	516	516
NRG Dunkirk Power	New York	2554	4	486	486	486	486	486
Nassau Energy Corporation	New York	52056	00004	191	191	191	191	191
Niagara Generation, LLC	New York	50202	1	167	167	167	167	167
Nissequogue Cogen	New York	54149	1	149	149	149	149	149
North 1st	New York	7915	NO1	5	5	5	5	5
Northport	New York	2516	1	720	720	720	720	720
Northport	New York	2516	2	629	629	629	629	629
Northport	New York	2516	3	633	633	633	633	633
Northport	New York	2516	4	605	605	605	605	605
Oswego Harbor Power	New York	2594	5	48	48	48	48	48
Oswego Harbor Power	New York	2594	6	37	37	37	37	37
Pinelawn Power	New York	56188	00001	11	11	11	11	11
Poletti 500 MW CC	New York	56196	CTG7A	57	57	57	57	57
Poletti 500 MW CC	New York	56196	CTG7B	44	44	44	44	44
Port Jefferson Energy Center	New York	2517	3	270	270	270	270	270
Port Jefferson Energy Center	New York	2517	4	264	264	264	264	264
Port Jefferson Energy Center	New York	2517	UGT002	5	5	5	5	5
Port Jefferson Energy Center	New York	2517	UGT003	4	4	4	4	4
Pouch Terminal	New York	8053	PT01	7	7	7	7	7
Project Orange Facility	New York	54425	001	52	52	52	52	52
Project Orange Facility	New York	54425	002	69	69	69	69	69
Ravenswood Generating Station	New York	2500	10	379	379	379	379	379
Ravenswood Generating Station	New York	2500	20	291	291	291	291	291
Ravenswood Generating Station	New York	2500	30	721	721	721	721	721
Ravenswood Generating Station	New York	2500	CT02-1	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-2	2	2	2	2	2

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Ravenswood Generating Station	New York	2500	CT02-3	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-4	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-1	3	3	3	3	3
Ravenswood Generating Station	New York	2500	CT03-2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-3	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-4	2	2	2	2	2
Ravenswood Generating Station	New York	2500	UCC001	73	73	73	73	73
Rensselaer Cogen	New York	54034	1GTDBS	7	7	7	7	7
Richard M Flynn (Holtsville)	New York	7314	001	189	189	189	189	189
S A Carlson	New York	2682	10	14	14	14	14	14
S A Carlson	New York	2682	11	0	0	0	0	0
S A Carlson	New York	2682	12	56	56	56	56	56
S A Carlson	New York	2682	20	7	7	7	7	7
S A Carlson	New York	2682	9	45	45	45	45	45
Saranac Power Partners, LP	New York	54574	00001	130	130	130	130	130
Saranac Power Partners, LP	New York	54574	00002	132	132	132	132	132
Selkirk Cogen Partners	New York	10725	CTG101	247	247	247	247	247
Selkirk Cogen Partners	New York	10725	CTG201	86	86	86	86	86
Selkirk Cogen Partners	New York	10725	CTG301	78	78	78	78	78
Shoemaker	New York	2632	1	2	2	2	2	2
Shoreham Energy	New York	55787	CT01	3	3	3	3	3
Shoreham Energy	New York	55787	CT02	3	3	3	3	3
Sterling Power Plant	New York	50744	00001	4	4	4	4	4
Syracuse Energy Corporation	New York	50651	BLR1	60	60	60	60	60
Syracuse Energy Corporation	New York	50651	BLR2	61	61	61	61	61
Syracuse Energy Corporation	New York	50651	BLR3	57	57	57	57	57
Syracuse Energy Corporation	New York	50651	BLR4	41	41	41	41	41
Syracuse Energy Corporation	New York	50651	BLR5	43	43	43	43	43
Vernon Boulevard	New York	7909	VB01	3	3	3	3	3
Vernon Boulevard	New York	7909	VB02	4	4	4	4	4
WPS Beaver Falls Generation, LLC	New York	10617	1	7	7	7	7	7
WPS Syracuse Generation, LLC	New York	10621	1	10	10	10	10	10
Wading River Facility	New York	7146	UGT007	16	16	16	16	16
Wading River Facility	New York	7146	UGT008	17	17	17	17	17
Wading River Facility	New York	7146	UGT009	17	17	17	17	17
Wading River Facility	New York	7146	UGT013	2	2	2	2	2
West Babylon Facility	New York	2521	UGT001	1	1	1	1	1

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AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	0	0	0
Ashtabula	Ohio	2835	7	1,106	1,120	1,058	1,058	1,058
Avon Lake Power Plant	Ohio	2836	10	235	238	225	225	225
Avon Lake Power Plant	Ohio	2836	12	1,966	1,989	1,880	1,880	1,880
Avon Lake Power Plant	Ohio	2836	CT10	1	1	1	1	1
Bay Shore	Ohio	2878	1	992	1,004	949	949	949
Bay Shore	Ohio	2878	2	640	648	613	613	613
Bay Shore	Ohio	2878	3	666	674	637	637	637
Bay Shore	Ohio	2878	4	1,047	1,059	1,001	1,001	1,001
Cardinal	Ohio	2828	1	2,200	2,226	2,104	2,104	2,104
Cardinal	Ohio	2828	2	2,286	2,313	2,186	2,186	2,186
Cardinal	Ohio	2828	3	2,867	2,901	2,742	2,742	2,742
Conesville	Ohio	2840	3	464	470	444	444	444
Conesville	Ohio	2840	4	2,716	2,748	2,597	2,597	2,597
Conesville	Ohio	2840	5	1,865	1,888	1,784	1,784	1,784
Conesville	Ohio	2840	6	1,751	1,772	1,675	1,675	1,675
Darby Electric Generating Station	Ohio	55247	CT1	3	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT2	3	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT3	2	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT4	2	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT5	3	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT6	3	3	3	3	3
Dicks Creek Station	Ohio	2831	1	1	1	1	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	35	35	35	35	35
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	33	33	33	33	33
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	31	31	31	31	31
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	26	26	26	26	26
Duke Energy Washington, II LLC	Ohio	55397	CT1	27	27	27	27	27
Duke Energy Washington, II LLC	Ohio	55397	CT2	37	37	37	37	37
Eastlake	Ohio	2837	1	541	548	518	518	518
Eastlake	Ohio	2837	2	591	598	565	565	565
Eastlake	Ohio	2837	3	573	580	548	548	548
Eastlake	Ohio	2837	4	1,111	1,124	1,062	1,062	1,062
Eastlake	Ohio	2837	5	2,518	2,548	2,408	2,408	2,408
Eastlake	Ohio	2837	6	1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Frank M Tait Station	Ohio	2847	1	5	5	5	5	5
Frank M Tait Station	Ohio	2847	2	5	5	5	5	5
Frank M Tait Station	Ohio	2847	3	5	5	5	5	5
Gen J M Gavin	Ohio	8102	1	6,506	6,584	6,222	6,222	6,222
Gen J M Gavin	Ohio	8102	2	6,404	6,481	6,125	6,125	6,125
Greenville Electric Gen Station	Ohio	55228	G1CT1	3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G1CT2	3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT1	3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT2	3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT1	3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT2	3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT1	3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT2	3	3	3	3	3
Hamilton Municipal Power Plant	Ohio	2917	9	235	238	225	225	225
J M Stuart	Ohio	2850	1	2,595	2,626	2,481	2,481	2,481
J M Stuart	Ohio	2850	2	2,652	2,684	2,536	2,536	2,536
J M Stuart	Ohio	2850	3	2,632	2,664	2,517	2,517	2,517
J M Stuart	Ohio	2850	4	2,444	2,473	2,337	2,337	2,337
Killen Station	Ohio	6031	2	2,958	2,993	2,829	2,829	2,829
Kyger Creek	Ohio	2876	1	929	940	889	889	889
Kyger Creek	Ohio	2876	2	932	943	892	892	892
Kyger Creek	Ohio	2876	3	916	927	876	876	876
Kyger Creek	Ohio	2876	4	961	972	919	919	919
Kyger Creek	Ohio	2876	5	960	971	918	918	918
Lake Shore	Ohio	2838	18	806	815	770	770	770
Mad River	Ohio	2860	A	1	1	1	1	1
Mad River	Ohio	2860	B	1	1	1	1	1
Madison Generating Station	Ohio	55110	1	12	12	12	12	12
Madison Generating Station	Ohio	55110	2	14	14	14	14	14
Madison Generating Station	Ohio	55110	3	13	13	13	13	13
Madison Generating Station	Ohio	55110	4	13	13	13	13	13
Madison Generating Station	Ohio	55110	5	10	10	10	10	10
Madison Generating Station	Ohio	55110	6	10	10	10	10	10
Madison Generating Station	Ohio	55110	7	11	11	11	11	11
Madison Generating Station	Ohio	55110	8	10	10	10	10	10
Miami Fort Generating Station	Ohio	2832	6	716	725	685	685	685
Miami Fort Generating Station	Ohio	2832	7	2,575	2,606	2,462	2,462	2,462

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Miami Fort Generating Station	Ohio	2832	8	2,301	2,329	2,201	2,201	2,201
Muskingum River	Ohio	2872	1	719	728	688	688	688
Muskingum River	Ohio	2872	2	711	720	680	680	680
Muskingum River	Ohio	2872	3	736	745	704	704	704
Muskingum River	Ohio	2872	4	690	698	660	660	660
Muskingum River	Ohio	2872	5	2,460	2,489	2,352	2,352	2,352
Niles	Ohio	2861	1	422	427	404	404	404
Niles	Ohio	2861	2	294	298	281	281	281
Niles	Ohio	2861	CTA	0	0	0	0	0
O H Hutchings	Ohio	2848	H-1	10	10	9	9	9
O H Hutchings	Ohio	2848	H-2	10	10	9	9	9
O H Hutchings	Ohio	2848	H-3	79	80	76	76	76
O H Hutchings	Ohio	2848	H-4	97	98	93	93	93
O H Hutchings	Ohio	2848	H-5	92	93	88	88	88
O H Hutchings	Ohio	2848	H-6	91	92	87	87	87
O H Hutchings	Ohio	2848	H-7	0	0	0	0	0
Omega JV2 Bowling Green	Ohio	7783	P001	1	1	1	1	1
Omega JV2 Hamilton	Ohio	7782	P001	1	1	1	1	1
Picway	Ohio	2843	9	283	286	270	270	270
R E Burger	Ohio	2864	5	13	13	12	12	12
R E Burger	Ohio	2864	6	12	13	12	12	12
R E Burger	Ohio	2864	7	617	625	590	590	590
R E Burger	Ohio	2864	8	604	611	578	578	578
Richard Gorsuch	Ohio	7253	1	276	0	0	0	0
Richard Gorsuch	Ohio	7253	2	286	0	0	0	0
Richard Gorsuch	Ohio	7253	3	269	0	0	0	0
Richard Gorsuch	Ohio	7253	4	265	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG4	15	15	15	15	15
Richland Peaking Station	Ohio	2880	CTG5	15	15	15	15	15
Richland Peaking Station	Ohio	2880	CTG6	14	14	13	13	13
Robert P Mone	Ohio	7872	1	12	12	12	12	12
Robert P Mone	Ohio	7872	2	7	7	7	7	7
Robert P Mone	Ohio	7872	3	9	9	9	9	9
Rolling Hills Generating LLC	Ohio	55401	CT-1	3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-2	3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-3	3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-4	3	3	3	3	3

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Rolling Hills Generating LLC	Ohio	55401	CT-5	3	3	3	3	3
Tait Electric Generating Station	Ohio	55248	CT4	5	5	5	5	5
Tait Electric Generating Station	Ohio	55248	CT5	5	5	5	5	5
Tait Electric Generating Station	Ohio	55248	CT6	4	4	4	4	4
Tait Electric Generating Station	Ohio	55248	CT7	5	5	5	5	5
Troy Energy, LLC	Ohio	55348	1	13	13	13	13	13
Troy Energy, LLC	Ohio	55348	2	9	9	9	9	9
Troy Energy, LLC	Ohio	55348	3	11	11	11	11	11
Troy Energy, LLC	Ohio	55348	4	8	8	8	8	8
W H Sammis	Ohio	2866	1	824	834	788	788	788
W H Sammis	Ohio	2866	2	825	835	789	789	789
W H Sammis	Ohio	2866	3	760	769	727	727	727
W H Sammis	Ohio	2866	4	715	724	684	684	684
W H Sammis	Ohio	2866	5	1,299	1,315	1,243	1,243	1,243
W H Sammis	Ohio	2866	6	2,884	2,918	2,758	2,758	2,758
W H Sammis	Ohio	2866	7	2,823	2,857	2,700	2,700	2,700
W H Zimmer Generating Station	Ohio	6019	1	5,836	5,906	5,581	5,581	5,581
Walter C Beckjord Generating Station	Ohio	2830	1	293	296	280	280	280
Walter C Beckjord Generating Station	Ohio	2830	2	301	304	288	288	288
Walter C Beckjord Generating Station	Ohio	2830	3	445	450	426	426	426
Walter C Beckjord Generating Station	Ohio	2830	4	634	641	606	606	606
Walter C Beckjord Generating Station	Ohio	2830	5	766	776	733	733	733
Walter C Beckjord Generating Station	Ohio	2830	6	1,691	1,711	1,617	1,617	1,617
Walter C Beckjord Generating Station	Ohio	2830	CT1	2	2	2	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT2	2	2	2	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT3	1	1	1	1	1
Walter C Beckjord Generating Station	Ohio	2830	CT4	1	1	1	1	1
Waterford Plant	Ohio	55503	1	29	29	29	29	29
Waterford Plant	Ohio	55503	2	55	55	55	55	55
Waterford Plant	Ohio	55503	3	33	33	33	33	33
West Lorain	Ohio	2869	1A	3	3	3	3	3
West Lorain	Ohio	2869	1B	3	3	3	3	3
West Lorain	Ohio	2869	2	7	7	7	7	7
West Lorain	Ohio	2869	3	6	6	6	6	6
West Lorain	Ohio	2869	4	5	5	5	5	5
West Lorain	Ohio	2869	5	6	6	6	6	6
West Lorain	Ohio	2869	6	5	5	5	5	5

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Woodsdale	Ohio	7158	**GT1	26	26	26	26	26
Woodsdale	Ohio	7158	**GT2	5	5	4	4	4
Woodsdale	Ohio	7158	**GT3	26	26	25	25	25
Woodsdale	Ohio	7158	**GT4	13	13	13	13	13
Woodsdale	Ohio	7158	**GT5	24	24	23	23	23
Woodsdale	Ohio	7158	**GT6	22	23	21	21	21
AES Shady Point	Oklahoma	10671	1A					
AES Shady Point	Oklahoma	10671	1B					
AES Shady Point	Oklahoma	10671	2A					
AES Shady Point	Oklahoma	10671	2B					
Anadarko	Oklahoma	3006	10					
Anadarko	Oklahoma	3006	11					
Anadarko	Oklahoma	3006	3					
Anadarko	Oklahoma	3006	7					
Anadarko	Oklahoma	3006	8					
Anadarko	Oklahoma	3006	9					
Anadarko Plant	Oklahoma	3006	4					
Anadarko Plant	Oklahoma	3006	5					
Anadarko Plant	Oklahoma	3006	6					
Chouteau Power Plant	Oklahoma	7757	1					
Chouteau Power Plant	Oklahoma	7757	2					
Comanche (8059)	Oklahoma	8059	7251					
Comanche (8059)	Oklahoma	8059	7252					
Grand River Dam Authority	Oklahoma	165	1					
Grand River Dam Authority	Oklahoma	165	2					
Green Country Energy, LLC	Oklahoma	55146	CTGEN1					
Green Country Energy, LLC	Oklahoma	55146	CTGEN2					
Green Country Energy, LLC	Oklahoma	55146	CTGEN3					
Horseshoe Lake	Oklahoma	2951	10					
Horseshoe Lake	Oklahoma	2951	6					
Horseshoe Lake	Oklahoma	2951	7					
Horseshoe Lake	Oklahoma	2951	8					
Horseshoe Lake	Oklahoma	2951	9					
Hugo	Oklahoma	6772	1					
McClain Energy Facility	Oklahoma	55457	CT1					
McClain Energy Facility	Oklahoma	55457	CT2					
Mooreland	Oklahoma	3008	1					

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Mooreland	Oklahoma	3008	2					
Mooreland	Oklahoma	3008	3					
Muskogee	Oklahoma	2952	3					
Muskogee	Oklahoma	2952	4					
Muskogee	Oklahoma	2952	5					
Muskogee	Oklahoma	2952	6					
Mustang	Oklahoma	2953	1					
Mustang	Oklahoma	2953	2					
Mustang	Oklahoma	2953	3					
Mustang	Oklahoma	2953	4					
Mustang	Oklahoma	2953	5A					
Mustang	Oklahoma	2953	5B					
Northeastern	Oklahoma	2963	3301A					
Northeastern	Oklahoma	2963	3301B					
Northeastern	Oklahoma	2963	3302					
Northeastern	Oklahoma	2963	3313					
Northeastern	Oklahoma	2963	3314					
Oneta Energy Center	Oklahoma	55225	CTG-1					
Oneta Energy Center	Oklahoma	55225	CTG-2					
Oneta Energy Center	Oklahoma	55225	CTG-3					
Oneta Energy Center	Oklahoma	55225	CTG-4					
Ponca	Oklahoma	762	2					
Ponca	Oklahoma	762	3					
Ponca	Oklahoma	762	4					
PowerSmith Cogeneration Project	Oklahoma	50558	GT01					
Redbud Power Plant	Oklahoma	55463	CT-01					
Redbud Power Plant	Oklahoma	55463	CT-02					
Redbud Power Plant	Oklahoma	55463	CT-03					
Redbud Power Plant	Oklahoma	55463	CT-04					
Riverside (4940)	Oklahoma	4940	1501					
Riverside (4940)	Oklahoma	4940	1502					
Riverside (4940)	Oklahoma	4940	1503					
Riverside (4940)	Oklahoma	4940	1504					
Seminole (2956)	Oklahoma	2956	1					
Seminole (2956)	Oklahoma	2956	2					
Seminole (2956)	Oklahoma	2956	3					
Sooner	Oklahoma	6095	1					

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Sooner	Oklahoma	6095	2					
Southwestern	Oklahoma	2964	8002					
Southwestern	Oklahoma	2964	8003					
Southwestern	Oklahoma	2964	8004					
Southwestern	Oklahoma	2964	8005					
Southwestern	Oklahoma	2964	801N					
Southwestern	Oklahoma	2964	801S					
Spring Creek Power Plant	Oklahoma	55651	CT-01					
Spring Creek Power Plant	Oklahoma	55651	CT-02					
Spring Creek Power Plant	Oklahoma	55651	CT-03					
Spring Creek Power Plant	Oklahoma	55651	CT-04					
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1					
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2					
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3					
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4					
Tulsa	Oklahoma	2965	1402					
Tulsa	Oklahoma	2965	1403					
Tulsa	Oklahoma	2965	1404					
Weleetka	Oklahoma	2966	4					
Weleetka	Oklahoma	2966	5					
Weleetka	Oklahoma	2966	6					
Broad River Energy Center	South Carolina	55166	CT-1					
Broad River Energy Center	South Carolina	55166	CT-2					
Broad River Energy Center	South Carolina	55166	CT-3					
Broad River Energy Center	South Carolina	55166	CT-4					
Broad River Energy Center	South Carolina	55166	CT-5					
Canadys Steam	South Carolina	3280	CAN1					
Canadys Steam	South Carolina	3280	CAN2					
Canadys Steam	South Carolina	3280	CAN3					
Cherokee County Cogen	South Carolina	55043	CCCP1					
Cogen South	South Carolina	7737	B001					
Columbia Energy Center (SC)	South Carolina	55386	CT-1					
Columbia Energy Center (SC)	South Carolina	55386	CT-2					
Cope Station	South Carolina	7210	COP1					
Cross	South Carolina	130	1					
Cross	South Carolina	130	2					
Cross	South Carolina	130	3					

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Cross	South Carolina	130	4					
Darlington County	South Carolina	3250	1					
Darlington County	South Carolina	3250	10					
Darlington County	South Carolina	3250	11					
Darlington County	South Carolina	3250	12					
Darlington County	South Carolina	3250	13					
Darlington County	South Carolina	3250	2					
Darlington County	South Carolina	3250	3					
Darlington County	South Carolina	3250	4					
Darlington County	South Carolina	3250	5					
Darlington County	South Carolina	3250	6					
Darlington County	South Carolina	3250	7					
Darlington County	South Carolina	3250	8					
Darlington County	South Carolina	3250	9					
Dolphus M Grainger	South Carolina	3317	1					
Dolphus M Grainger	South Carolina	3317	2					
H B Robinson	South Carolina	3251	1					
Hagood	South Carolina	3285	HAG4					
Hilton Head Gas Turbine Site	South Carolina	3318	CT1					
Hilton Head Gas Turbine Site	South Carolina	3318	CT2					
Hilton Head Gas Turbine Site	South Carolina	3318	CT3					
Jasper County Generating Facility	South Carolina	55927	CT01					
Jasper County Generating Facility	South Carolina	55927	CT02					
Jasper County Generating Facility	South Carolina	55927	CT03					
Jefferies	South Carolina	3319	1					
Jefferies	South Carolina	3319	2					
Jefferies	South Carolina	3319	3					
Jefferies	South Carolina	3319	4					
John S. Rainey Generating Station	South Carolina	7834	CT1A					
John S. Rainey Generating Station	South Carolina	7834	CT1B					
John S. Rainey Generating Station	South Carolina	7834	CT2A					
John S. Rainey Generating Station	South Carolina	7834	CT2B					
John S. Rainey Generating Station	South Carolina	7834	CT3					
John S. Rainey Generating Station	South Carolina	7834	CT4					
John S. Rainey Generating Station	South Carolina	7834	CT5					
McMeekin	South Carolina	3287	MCM1					
McMeekin	South Carolina	3287	MCM2					

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Mill Creek Combustion Turbine Sta	South Carolina	7981	1					
Mill Creek Combustion Turbine Sta	South Carolina	7981	2					
Mill Creek Combustion Turbine Sta	South Carolina	7981	3					
Mill Creek Combustion Turbine Sta	South Carolina	7981	4					
Mill Creek Combustion Turbine Sta	South Carolina	7981	5					
Mill Creek Combustion Turbine Sta	South Carolina	7981	6					
Mill Creek Combustion Turbine Sta	South Carolina	7981	7					
Mill Creek Combustion Turbine Sta	South Carolina	7981	8					
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3					
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4					
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5					
Urquhart	South Carolina	3295	URQ3					
Urquhart	South Carolina	3295	URQ4					
Urquhart	South Carolina	3295	URQ5					
Urquhart	South Carolina	3295	URQ6					
W S Lee	South Carolina	3264	1					
W S Lee	South Carolina	3264	2					
W S Lee	South Carolina	3264	3					
W S Lee	South Carolina	3264	7C					
W S Lee	South Carolina	3264	8C					
Wateree	South Carolina	3297	WAT1					
Wateree	South Carolina	3297	WAT2					
Williams	South Carolina	3298	WIL1					
Williams	South Carolina	3298	WIL4					
Williams	South Carolina	3298	WIL5					
Winyah	South Carolina	6249	1					
Winyah	South Carolina	6249	2					
Winyah	South Carolina	6249	3					
Winyah	South Carolina	6249	4					
AES Deepwater, Inc.	Texas	10670	01001	727	727	727	727	727
Air Products Port Arthur	Texas	55309	GEN1	104	104	104	104	104
Air Products Port Arthur	Texas	55309	GEN4	189	189	189	189	189
Alex Ty Cooke Generating Station	Texas	3602	1	42	42	42	42	42
Alex Ty Cooke Generating Station	Texas	3602	2	42	42	42	42	42
Barney M. Davis	Texas	4939	1	208	208	208	208	208
Barney M. Davis	Texas	4939	3	54	54	54	54	54
Barney M. Davis	Texas	4939	4	44	44	44	44	44

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Bastrop Clean Energy Center	Texas	55168	CTG-1A	152	152	152	152	152
Bastrop Clean Energy Center	Texas	55168	CTG-1B	167	167	167	167	167
Bayou Cogeneration Plant	Texas	10298	CG801	102	102	102	102	102
Bayou Cogeneration Plant	Texas	10298	CG802	106	106	106	106	106
Bayou Cogeneration Plant	Texas	10298	CG803	104	104	104	104	104
Bayou Cogeneration Plant	Texas	10298	CG804	99	99	99	99	99
Baytown Energy Center	Texas	55327	CTG-1	99	99	99	99	99
Baytown Energy Center	Texas	55327	CTG-2	78	78	78	78	78
Baytown Energy Center	Texas	55327	CTG-3	82	82	82	82	82
Big Brown	Texas	3497	1	2,520	2,520	2,520	2,520	2,520
Big Brown	Texas	3497	2	2,545	2,545	2,545	2,545	2,545
Blackhawk Station	Texas	55064	001	388	388	388	388	388
Blackhawk Station	Texas	55064	002	259	259	259	259	259
Bosque County Power Plant	Texas	55172	GT-1	56	56	56	56	56
Bosque County Power Plant	Texas	55172	GT-2	63	63	63	63	63
Bosque County Power Plant	Texas	55172	GT-3	227	227	227	227	227
Brazos Valley Energy, LP	Texas	55357	CTG1	85	85	85	85	85
Brazos Valley Energy, LP	Texas	55357	CTG2	81	81	81	81	81
C E Newman	Texas	3574	BW5	3	3	3	3	3
C. R. Wing Cogeneration Plant	Texas	52176	1	132	132	132	132	132
C. R. Wing Cogeneration Plant	Texas	52176	2	135	135	135	135	135
Calpine Hidalgo Energy Center	Texas	7762	HRS1	223	223	223	223	223
Calpine Hidalgo Energy Center	Texas	7762	HRS2	173	173	173	173	173
Cedar Bayou	Texas	3460	CBY1	591	591	591	591	591
Cedar Bayou	Texas	3460	CBY2	560	560	560	560	560
Cedar Bayou 4	Texas	56806	CBY41	38	38	38	38	38
Cedar Bayou 4	Texas	56806	CBY42	41	41	41	41	41
Channel Energy Center	Texas	55299	CTG1	515	515	515	515	515
Channel Energy Center	Texas	55299	CTG2	150	150	150	150	150
Channelview Cogeneration Facility	Texas	55187	CHV1	81	81	81	81	81
Channelview Cogeneration Facility	Texas	55187	CHV2	77	77	77	77	77
Channelview Cogeneration Facility	Texas	55187	CHV3	88	88	88	88	88
Channelview Cogeneration Facility	Texas	55187	CHV4	82	82	82	82	82
Clear Lake Cogeneration	Texas	10741	G102	111	111	111	111	111
Clear Lake Cogeneration	Texas	10741	G103	108	108	108	108	108
Clear Lake Cogeneration	Texas	10741	G104	107	107	107	107	107
Coletto Creek	Texas	6178	1	2,693	2,693	2,693	2,693	2,693

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Colorado Bend Energy Center	Texas	56350	CT1A	26	26	26	26	26
Colorado Bend Energy Center	Texas	56350	CT1B	23	23	23	23	23
Colorado Bend Energy Center	Texas	56350	CT2A	34	34	34	34	34
Colorado Bend Energy Center	Texas	56350	CT2B	35	35	35	35	35
Copper Station	Texas	9	CTG-1	13	13	13	13	13
Corpus Christi	Texas	50475	GEN1	209	209	209	209	209
Corpus Christi Energy Center	Texas	55206	CU1	218	218	218	218	218
Corpus Christi Energy Center	Texas	55206	CU2	217	217	217	217	217
Cottonwood Energy Project	Texas	55358	CT1	80	80	80	80	80
Cottonwood Energy Project	Texas	55358	CT2	73	73	73	73	73
Cottonwood Energy Project	Texas	55358	CT3	65	65	65	65	65
Cottonwood Energy Project	Texas	55358	CT4	67	67	67	67	67
Decker Creek	Texas	3548	1	378	378	378	378	378
Decker Creek	Texas	3548	2	406	406	406	406	406
Decker Creek	Texas	3548	GT-1A	5	5	5	5	5
Decker Creek	Texas	3548	GT-1B	5	5	5	5	5
Decker Creek	Texas	3548	GT-2A	6	6	6	6	6
Decker Creek	Texas	3548	GT-2B	6	6	6	6	6
Decker Creek	Texas	3548	GT-3A	7	7	7	7	7
Decker Creek	Texas	3548	GT-3B	7	7	7	7	7
Decker Creek	Texas	3548	GT-4A	6	6	6	6	6
Decker Creek	Texas	3548	GT-4B	6	6	6	6	6
Decordova	Texas	8063	1	171	171	171	171	171
Decordova	Texas	8063	CT1	7	7	7	7	7
Decordova	Texas	8063	CT2	6	6	6	6	6
Decordova	Texas	8063	CT3	6	6	6	6	6
Decordova	Texas	8063	CT4	6	6	6	6	6
Deer Park Energy Center	Texas	55464	CTG1	76	76	76	76	76
Deer Park Energy Center	Texas	55464	CTG2	70	70	70	70	70
Deer Park Energy Center	Texas	55464	CTG3	88	88	88	88	88
Deer Park Energy Center	Texas	55464	CTG4	70	70	70	70	70
EG178 Facility	Texas	56233	CT02	91	91	91	91	91
EG178 Facility	Texas	56233	CTG1	91	91	91	91	91
Eastman Cogeneration Facility	Texas	55176	1	151	151	151	151	151
Eastman Cogeneration Facility	Texas	55176	2	181	181	181	181	181
Ennis Power Company, LLC	Texas	55223	GT-1	234	234	234	234	234
Exelon Laporte Generating Station	Texas	55365	GT-1	12	12	12	12	12

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Exelon Laporte Generating Station	Texas	55365	GT-2	12	12	12	12	12
Exelon Laporte Generating Station	Texas	55365	GT-3	11	11	11	11	11
Exelon Laporte Generating Station	Texas	55365	GT-4	11	11	11	11	11
ExxonMobil Beaumont Refinery	Texas	50625	33	96	96	96	96	96
ExxonMobil Beaumont Refinery	Texas	50625	34	89	89	89	89	89
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	200	200	200	200	200
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	140	140	140	140	140
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	135	135	135	135	135
FPLE Forney, LP	Texas	55480	U1	171	171	171	171	171
FPLE Forney, LP	Texas	55480	U2	176	176	176	176	176
FPLE Forney, LP	Texas	55480	U3	166	166	166	166	166
FPLE Forney, LP	Texas	55480	U4	178	178	178	178	178
FPLE Forney, LP	Texas	55480	U5	191	191	191	191	191
FPLE Forney, LP	Texas	55480	U6	172	172	172	172	172
Freestone Power Generation	Texas	55226	GT1	170	170	170	170	170
Freestone Power Generation	Texas	55226	GT2	177	177	177	177	177
Freestone Power Generation	Texas	55226	GT3	194	194	194	194	194
Freestone Power Generation	Texas	55226	GT4	172	172	172	172	172
Frontera Generation Facility	Texas	55098	1	201	201	201	201	201
Frontera Generation Facility	Texas	55098	2	187	187	187	187	187
Gibbons Creek Steam Electric Station	Texas	6136	1	1,878	1,878	1,878	1,878	1,878
Graham	Texas	3490	1	87	87	87	87	87
Graham	Texas	3490	2	305	305	305	305	305
Greens Bayou	Texas	3464	GBY5	137	137	137	137	137
Greens Bayou	Texas	3464	GBY73	9	9	9	9	9
Greens Bayou	Texas	3464	GBY74	10	10	10	10	10
Greens Bayou	Texas	3464	GBY81	10	10	10	10	10
Greens Bayou	Texas	3464	GBY82	10	10	10	10	10
Greens Bayou	Texas	3464	GBY83	12	12	12	12	12
Greens Bayou	Texas	3464	GBY84	11	11	11	11	11
Gregory Power Facility	Texas	55086	101	272	272	272	272	272
Gregory Power Facility	Texas	55086	102	262	262	262	262	262
Guadalupe Generating Station	Texas	55153	CTG-1	279	279	279	279	279
Guadalupe Generating Station	Texas	55153	CTG-2	401	401	401	401	401
Guadalupe Generating Station	Texas	55153	CTG-3	425	425	425	425	425
Guadalupe Generating Station	Texas	55153	CTG-4	337	337	337	337	337
H W Pirkey Power Plant	Texas	7902	1	2,641	2,641	2,641	2,641	2,641

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Handley Generating Station	Texas	3491	3	172	172	172	172	172
Handley Generating Station	Texas	3491	4	114	114	114	114	114
Handley Generating Station	Texas	3491	5	107	107	107	107	107
Hardin County Peaking Facility	Texas	56604	HCCT1	6	6	6	6	6
Hardin County Peaking Facility	Texas	56604	HCCT2	5	5	5	5	5
Harrington Station	Texas	6193	061B	1,594	1,594	1,594	1,594	1,594
Harrington Station	Texas	6193	062B	1,563	1,563	1,563	1,563	1,563
Harrington Station	Texas	6193	063B	1,503	1,503	1,503	1,503	1,503
Harrison County Power Project	Texas	55664	GT-1	47	47	47	47	47
Harrison County Power Project	Texas	55664	GT-2	78	78	78	78	78
Hays Energy Project	Texas	55144	STK1	63	63	63	63	63
Hays Energy Project	Texas	55144	STK2	64	64	64	64	64
Hays Energy Project	Texas	55144	STK3	103	103	103	103	103
Hays Energy Project	Texas	55144	STK4	233	233	233	233	233
J K Spruce	Texas	7097	**1	2,480	2,480	2,480	2,480	2,480
J K Spruce	Texas	7097	**2	560	560	560	560	560
J Robert Massengale Generating Station	Texas	3604	GT1	69	69	69	69	69
J T Deely	Texas	6181	1	1,835	1,835	1,835	1,835	1,835
J T Deely	Texas	6181	2	1,809	1,809	1,809	1,809	1,809
JCO Oxides Olefins Plant	Texas	54637	GCG1	153	153	153	153	153
JCO Oxides Olefins Plant	Texas	54637	GCG2	153	153	153	153	153
Jack County Generation Facility	Texas	55230	CT-1	114	114	114	114	114
Jack County Generation Facility	Texas	55230	CT-2	123	123	123	123	123
Johnson County Generation Facility	Texas	54817	EAST	215	215	215	215	215
Jones Station	Texas	3482	151B	550	550	550	550	550
Jones Station	Texas	3482	152B	584	584	584	584	584
Knox Lee Power Plant	Texas	3476	2	5	5	5	5	5
Knox Lee Power Plant	Texas	3476	3	5	5	5	5	5
Knox Lee Power Plant	Texas	3476	4	12	12	12	12	12
Knox Lee Power Plant	Texas	3476	5	244	244	244	244	244
Lake Creek	Texas	3502	1	5	5	5	5	5
Lake Creek	Texas	3502	2	51	51	51	51	51
Lake Hubbard	Texas	3452	1	114	114	114	114	114
Lake Hubbard	Texas	3452	2	124	124	124	124	124
Lamar Power (Paris)	Texas	55097	1	157	157	157	157	157
Lamar Power (Paris)	Texas	55097	2	159	159	159	159	159
Lamar Power (Paris)	Texas	55097	3	153	153	153	153	153

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Lamar Power (Paris)	Texas	55097	4	178	178	178	178	178
Laredo	Texas	3439	4	11	11	11	11	11
Laredo	Texas	3439	5	11	11	11	11	11
Leon Creek	Texas	3609	3	3	3	3	3	3
Leon Creek	Texas	3609	4	6	6	6	6	6
Leon Creek	Texas	3609	CGT1	7	7	7	7	7
Leon Creek	Texas	3609	CGT2	6	6	6	6	6
Leon Creek	Texas	3609	CGT3	6	6	6	6	6
Leon Creek	Texas	3609	CGT4	6	6	6	6	6
Lewis Creek	Texas	3457	1	304	304	304	304	304
Lewis Creek	Texas	3457	2	350	350	350	350	350
Limestone	Texas	298	LIM1	3,593	3,593	3,593	3,593	3,593
Limestone	Texas	298	LIM2	3,656	3,656	3,656	3,656	3,656
Lone Star Power Plant	Texas	3477	1	9	9	9	9	9
Lost Pines 1	Texas	55154	1	105	105	105	105	105
Lost Pines 1	Texas	55154	2	106	106	106	106	106
Magic Valley Generating Station	Texas	55123	CTG-1	184	184	184	184	184
Magic Valley Generating Station	Texas	55123	CTG-2	200	200	200	200	200
Martin Lake	Texas	6146	1	3,576	3,576	3,576	3,576	3,576
Martin Lake	Texas	6146	2	3,444	3,444	3,444	3,444	3,444
Martin Lake	Texas	6146	3	3,639	3,639	3,639	3,639	3,639
Midlothian Energy	Texas	55091	STK1	54	54	54	54	54
Midlothian Energy	Texas	55091	STK2	52	52	52	52	52
Midlothian Energy	Texas	55091	STK3	45	45	45	45	45
Midlothian Energy	Texas	55091	STK4	54	54	54	54	54
Midlothian Energy	Texas	55091	STK5	71	71	71	71	71
Midlothian Energy	Texas	55091	STK6	71	71	71	71	71
Monticello	Texas	6147	1	2,557	2,557	2,557	2,557	2,557
Monticello	Texas	6147	2	2,616	2,616	2,616	2,616	2,616
Monticello	Texas	6147	3	3,633	3,633	3,633	3,633	3,633
Moore County Station	Texas	3483	3	52	52	52	52	52
Morgan Creek	Texas	3492	5	8	8	8	8	8
Morgan Creek	Texas	3492	6	0	0	0	0	0
Morgan Creek	Texas	3492	CT1	7	7	7	7	7
Morgan Creek	Texas	3492	CT2	8	8	8	8	8
Morgan Creek	Texas	3492	CT3	8	8	8	8	8
Morgan Creek	Texas	3492	CT4	6	6	6	6	6

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Morgan Creek	Texas	3492	CT5	7	7	7	7	7
Morgan Creek	Texas	3492	CT6	6	6	6	6	6
Mountain Creek Generating Station	Texas	3453	6	25	25	25	25	25
Mountain Creek Generating Station	Texas	3453	7	25	25	25	25	25
Mountain Creek Generating Station	Texas	3453	8	60	60	60	60	60
Mustang Station	Texas	55065	1	352	352	352	352	352
Mustang Station	Texas	55065	2	290	290	290	290	290
Mustang Station Units 4 and 5	Texas	56326	GEN1	20	20	20	20	20
Mustang Station Units 4 and 5	Texas	56326	GEN2	17	17	17	17	17
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	195	195	195	195	195
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	195	195	195	195	195
New Gulf Power Facility	Texas	50137	1	12	12	12	12	12
Newman	Texas	3456	**4	294	294	294	294	294
Newman	Texas	3456	**5	282	282	282	282	282
Newman	Texas	3456	1	164	164	164	164	164
Newman	Texas	3456	2	200	200	200	200	200
Newman	Texas	3456	3	231	231	231	231	231
Newman	Texas	3456	GT-6A	19	19	19	19	19
Newman	Texas	3456	GT-6B	18	18	18	18	18
Nichols Station	Texas	3484	141B	149	149	149	149	149
Nichols Station	Texas	3484	142B	194	194	194	194	194
Nichols Station	Texas	3484	143B	372	372	372	372	372
Nueces Bay	Texas	3441	8	53	53	53	53	53
Nueces Bay	Texas	3441	9	52	52	52	52	52
O W Sommers	Texas	3611	1	518	518	518	518	518
O W Sommers	Texas	3611	2	401	401	401	401	401
Oak Grove	Texas	6180	1	1,543	1,543	1,543	1,543	1,543
Odessa-Ector Generating Station	Texas	55215	GT1	192	192	192	192	192
Odessa-Ector Generating Station	Texas	55215	GT2	172	172	172	172	172
Odessa-Ector Generating Station	Texas	55215	GT3	223	223	223	223	223
Odessa-Ector Generating Station	Texas	55215	GT4	197	197	197	197	197
Oklauion Power Station	Texas	127	1	2,292	2,292	2,292	2,292	2,292
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	349	349	349	349	349
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	348	348	348	348	348
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	279	279	279	279	279
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	282	282	282	282	282
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	286	286	286	286	286

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	146	146	146	146	146
Oyster Creek Unit VIII	Texas	54676	G81	259	259	259	259	259
Oyster Creek Unit VIII	Texas	54676	G82	259	259	259	259	259
Oyster Creek Unit VIII	Texas	54676	G83	259	259	259	259	259
Pampa Power Plant	Texas	7678	BL09A1	0	0	0	0	0
Pampa Power Plant	Texas	7678	BL10A1	0	0	0	0	0
Pampa Power Plant	Texas	7678	BL11A1	0	0	0	0	0
Paris Energy Center	Texas	50109	HRSG1	116	116	116	116	116
Paris Energy Center	Texas	50109	HRSG2	116	116	116	116	116
Pasadena Power Plant	Texas	55047	CG-1	150	150	150	150	150
Pasadena Power Plant	Texas	55047	CG-2	151	151	151	151	151
Pasadena Power Plant	Texas	55047	CG-3	167	167	167	167	167
Permian Basin	Texas	3494	5	33	33	33	33	33
Permian Basin	Texas	3494	6	281	281	281	281	281
Permian Basin	Texas	3494	CT1	12	12	12	12	12
Permian Basin	Texas	3494	CT2	13	13	13	13	13
Permian Basin	Texas	3494	CT3	9	9	9	9	9
Permian Basin	Texas	3494	CT4	11	11	11	11	11
Permian Basin	Texas	3494	CT5	8	8	8	8	8
Plant X	Texas	3485	111B	54	54	54	54	54
Plant X	Texas	3485	112B	109	109	109	109	109
Plant X	Texas	3485	113B	139	139	139	139	139
Plant X	Texas	3485	114B	466	466	466	466	466
Port Neches Plant	Texas	54748	G1	200	200	200	200	200
Power Lane Steam Plant	Texas	4195	2	8	8	8	8	8
Power Lane Steam Plant	Texas	4195	3	20	20	20	20	20
Quail Run Energy Center	Texas	56349	CT1A	24	24	24	24	24
Quail Run Energy Center	Texas	56349	CT1B	22	22	22	22	22
Quail Run Energy Center	Texas	56349	CT2A	23	23	23	23	23
Quail Run Energy Center	Texas	56349	CT2B	19	19	19	19	19
R W Miller	Texas	3628	**4	38	38	38	38	38
R W Miller	Texas	3628	**5	48	48	48	48	48
R W Miller	Texas	3628	1	30	30	30	30	30
R W Miller	Texas	3628	2	75	75	75	75	75
R W Miller	Texas	3628	3	204	204	204	204	204
Ray Olinger	Texas	3576	BW2	88	88	88	88	88
Ray Olinger	Texas	3576	BW3	51	51	51	51	51

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Ray Olinger	Texas	3576	CE1	41	41	41	41	41
Ray Olinger	Texas	3576	GE4	8	8	8	8	8
Rio Nogales Power Project, LP	Texas	55137	CTG-1	125	125	125	125	125
Rio Nogales Power Project, LP	Texas	55137	CTG-2	155	155	155	155	155
Rio Nogales Power Project, LP	Texas	55137	CTG-3	114	114	114	114	114
Roland C. Dansby Power Plant	Texas	6243	1	138	138	138	138	138
Roland C. Dansby Power Plant	Texas	6243	2	5	5	5	5	5
SRW Cogen Limited Partnership	Texas	55120	CTG-1	122	122	122	122	122
SRW Cogen Limited Partnership	Texas	55120	CTG-2	147	147	147	147	147
Sabine	Texas	3459	1	348	348	348	348	348
Sabine	Texas	3459	2	307	307	307	307	307
Sabine	Texas	3459	3	577	577	577	577	577
Sabine	Texas	3459	4	806	806	806	806	806
Sabine	Texas	3459	5	635	635	635	635	635
Sabine Cogeneration Facility	Texas	55104	SAB-1	34	34	34	34	34
Sabine Cogeneration Facility	Texas	55104	SAB-2	34	34	34	34	34
Sam Bertron	Texas	3468	SRB1	41	41	41	41	41
Sam Bertron	Texas	3468	SRB2	69	69	69	69	69
Sam Bertron	Texas	3468	SRB3	62	62	62	62	62
Sam Bertron	Texas	3468	SRB4	69	69	69	69	69
Sam Rayburn Plant	Texas	3631	CT7	14	14	14	14	14
Sam Rayburn Plant	Texas	3631	CT8	13	13	13	13	13
Sam Rayburn Plant	Texas	3631	CT9	14	14	14	14	14
Sam Seymour	Texas	6179	1	2,373	2,373	2,373	2,373	2,373
Sam Seymour	Texas	6179	2	2,385	2,385	2,385	2,385	2,385
Sam Seymour	Texas	6179	3	1,953	1,953	1,953	1,953	1,953
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	17	17	17	17	17
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	15	15	15	15	15
San Jacinto Steam Electric Station	Texas	7325	SJS1	141	141	141	141	141
San Jacinto Steam Electric Station	Texas	7325	SJS2	107	107	107	107	107
San Miguel	Texas	6183	SM-1	1,865	1,865	1,865	1,865	1,865
Sand Hill Energy Center	Texas	7900	SH1	32	32	32	32	32
Sand Hill Energy Center	Texas	7900	SH2	36	36	36	36	36
Sand Hill Energy Center	Texas	7900	SH3	34	34	34	34	34
Sand Hill Energy Center	Texas	7900	SH4	33	33	33	33	33
Sand Hill Energy Center	Texas	7900	SH5	112	112	112	112	112
Sandow	Texas	6648	4	2,489	2,489	2,489	2,489	2,489

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Sandow Station	Texas	52071	5A	525	525	525	525	525
Sandow Station	Texas	52071	5B	505	505	505	505	505
Silas Ray	Texas	3559	10	7	7	7	7	7
Silas Ray	Texas	3559	9	38	38	38	38	38
Sim Gideon	Texas	3601	1	72	72	72	72	72
Sim Gideon	Texas	3601	2	82	82	82	82	82
Sim Gideon	Texas	3601	3	465	465	465	465	465
South Houston Green Power Site	Texas	55470	EPN801	98	98	98	98	98
South Houston Green Power Site	Texas	55470	EPN802	92	92	92	92	92
South Houston Green Power Site	Texas	55470	EPN803	99	99	99	99	99
Spencer	Texas	4266	4	20	20	20	20	20
Spencer	Texas	4266	5	32	32	32	32	32
Stryker Creek	Texas	3504	1	33	33	33	33	33
Stryker Creek	Texas	3504	2	408	408	408	408	408
Sweeny Cogeneration Facility	Texas	55015	1	406	406	406	406	406
Sweeny Cogeneration Facility	Texas	55015	2	288	288	288	288	288
Sweeny Cogeneration Facility	Texas	55015	3	361	361	361	361	361
Sweeny Cogeneration Facility	Texas	55015	4	454	454	454	454	454
Sweetwater Generating Plant	Texas	50615	GT01	23	23	23	23	23
Sweetwater Generating Plant	Texas	50615	GT02	52	52	52	52	52
Sweetwater Generating Plant	Texas	50615	GT03	51	51	51	51	51
T C Ferguson Power Plant	Texas	4937	1	503	503	503	503	503
T H Wharton	Texas	3469	THW31	9	9	9	9	9
T H Wharton	Texas	3469	THW32	35	35	35	35	35
T H Wharton	Texas	3469	THW33	14	14	14	14	14
T H Wharton	Texas	3469	THW34	11	11	11	11	11
T H Wharton	Texas	3469	THW41	11	11	11	11	11
T H Wharton	Texas	3469	THW42	9	9	9	9	9
T H Wharton	Texas	3469	THW43	13	13	13	13	13
T H Wharton	Texas	3469	THW44	49	49	49	49	49
T H Wharton	Texas	3469	THW51	8	8	8	8	8
T H Wharton	Texas	3469	THW52	9	9	9	9	9
T H Wharton	Texas	3469	THW53	9	9	9	9	9
T H Wharton	Texas	3469	THW54	8	8	8	8	8
T H Wharton	Texas	3469	THW55	8	8	8	8	8
T H Wharton	Texas	3469	THW56	8	8	8	8	8
Tenaska Frontier Generation Station	Texas	55062	1	240	240	240	240	240

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
Tenaska Frontier Generation Station	Texas	55062	2	252	252	252	252	252
Tenaska Frontier Generation Station	Texas	55062	3	226	226	226	226	226
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	153	153	153	153	153
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	149	149	149	149	149
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	162	162	162	162	162
Texas City Cogeneration	Texas	52088	GT-A	111	111	111	111	111
Texas City Cogeneration	Texas	52088	GT-B	126	126	126	126	126
Texas City Cogeneration	Texas	52088	GT-C	142	142	142	142	142
Texas Petrochemicals	Texas	50229	TPCBLR	686	686	686	686	686
Tolk Station	Texas	6194	171B	2,052	2,052	2,052	2,052	2,052
Tolk Station	Texas	6194	172B	2,100	2,100	2,100	2,100	2,100
Tradinghouse	Texas	3506	1	87	87	87	87	87
Tradinghouse	Texas	3506	2	203	203	203	203	203
Trinidad	Texas	3507	9	46	46	46	46	46
Twin Oaks	Texas	7030	U1	692	692	692	692	692
Twin Oaks	Texas	7030	U2	675	675	675	675	675
Union Carbide Seadrift Cogen	Texas	50150	GE11	137	137	137	137	137
Union Carbide Seadrift Cogen	Texas	50150	GEN6	137	137	137	137	137
Union Carbide Seadrift Cogen	Texas	50150	GEN8	137	137	137	137	137
V H Braunig	Texas	3612	1	128	128	128	128	128
V H Braunig	Texas	3612	2	91	91	91	91	91
V H Braunig	Texas	3612	3	389	389	389	389	389
V H Braunig	Texas	3612	CT01	119	119	119	119	119
V H Braunig	Texas	3612	CT02	109	109	109	109	109
Valley (TXU)	Texas	3508	1	34	34	34	34	34
Valley (TXU)	Texas	3508	2	141	141	141	141	141
Valley (TXU)	Texas	3508	3	79	79	79	79	79
Victoria Power Station	Texas	3443	9	60	60	60	60	60
W A Parish	Texas	3470	WAP1	44	44	44	44	44
W A Parish	Texas	3470	WAP2	48	48	48	48	48
W A Parish	Texas	3470	WAP3	74	74	74	74	74
W A Parish	Texas	3470	WAP4	414	414	414	414	414
W A Parish	Texas	3470	WAP5	1,967	1,967	1,967	1,967	1,967
W A Parish	Texas	3470	WAP6	1,460	1,460	1,460	1,460	1,460
W A Parish	Texas	3470	WAP7	2,276	2,276	2,276	2,276	2,276
W A Parish	Texas	3470	WAP8	2,644	2,644	2,644	2,644	2,644
W B Tuttle	Texas	3613	1	1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2012 (tons)	NOx Annual Allocation 2013 (tons)	NOx Annual Allocation 2014 (tons)	NOx Annual Allocation 2015 (tons)	NOx Annual Allocation 2016 (tons)
W B Tuttle	Texas	3613	3	6	6	6	6	6
W B Tuttle	Texas	3613	4	6	6	6	6	6
Welsh Power Plant	Texas	6139	1	1,932	1,932	1,932	1,932	1,932
Welsh Power Plant	Texas	6139	2	2,097	2,097	2,097	2,097	2,097
Welsh Power Plant	Texas	6139	3	2,144	2,144	2,144	2,144	2,144
Wilkes Power Plant	Texas	3478	1	176	176	176	176	176
Wilkes Power Plant	Texas	3478	2	314	314	314	314	314
Wilkes Power Plant	Texas	3478	3	411	411	411	411	411
Winchester Power Park	Texas	56674	1	5	5	5	5	5
Winchester Power Park	Texas	56674	2	3	3	3	3	3
Winchester Power Park	Texas	56674	3	3	3	3	3	3
Winchester Power Park	Texas	56674	4	2	2	2	2	2
Wise County Power Company, LLC	Texas	55320	GT-1	131	131	131	131	131
Wise County Power Company, LLC	Texas	55320	GT-2	134	134	134	134	134
Wolf Hollow I, LP	Texas	55139	CTG1	238	238	238	238	238
Wolf Hollow I, LP	Texas	55139	CTG2	206	206	206	206	206

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2017 (tons)	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)
Carl Bailey	Arkansas	202	01		27	27	26	26	26
Cecil Lynch	Arkansas	167	2		10	10	10	10	10
Cecil Lynch	Arkansas	167	3		45	45	44	44	44
City Water & Light - City of Jonesboro	Arkansas	56505	SN04		12	12	12	12	12
City Water & Light - City of Jonesboro	Arkansas	56505	SN06		12	12	11	11	11
City Water & Light - City of Jonesboro	Arkansas	56505	SN07		14	14	13	13	13
Dell Power Plant	Arkansas	55340	1		15	15	15	15	15
Dell Power Plant	Arkansas	55340	2		14	14	14	14	14
Flint Creek Power Plant	Arkansas	6138	1		1,699	1,699	1,641	1,641	1,641
Fulton	Arkansas	7825	CT1		8	8	8	8	8
Hamilton Moses	Arkansas	168	1		4	4	4	4	4
Hamilton Moses	Arkansas	168	2		2	2	2	2	2
Harry D. Mattison Power Plant	Arkansas	56328	1		11	11	11	11	11
Harry D. Mattison Power Plant	Arkansas	56328	2		7	7	7	7	7
Harry D. Mattison Power Plant	Arkansas	56328	3		10	10	10	10	10
Harry D. Mattison Power Plant	Arkansas	56328	4		10	10	10	10	10
Harvey Couch	Arkansas	169	1		18	18	17	17	17
Harvey Couch	Arkansas	169	2		68	68	66	66	66
Hot Spring Energy Facility	Arkansas	55418	CT-1		28	28	28	28	28
Hot Spring Energy Facility	Arkansas	55418	CT-2		21	21	21	21	21
Hot Spring Power Co., LLC	Arkansas	55714	SN-01		45	45	45	45	45
Hot Spring Power Co., LLC	Arkansas	55714	SN-02		44	44	44	44	44
Independence	Arkansas	6641	1		2,993	2,993	2,892	2,892	2,892
Independence	Arkansas	6641	2		3,024	3,024	2,923	2,923	2,923
Lake Catherine	Arkansas	170	1		0	0	0	0	0
Lake Catherine	Arkansas	170	2		0	0	0	0	0
Lake Catherine	Arkansas	170	3		1	1	1	1	1
Lake Catherine	Arkansas	170	4		144	144	139	139	139
McClellan	Arkansas	203	01		137	137	132	132	132
Oswald Generating Station	Arkansas	55221	G1		17	17	17	17	17
Oswald Generating Station	Arkansas	55221	G2		14	14	14	14	14
Oswald Generating Station	Arkansas	55221	G3		16	16	16	16	16
Oswald Generating Station	Arkansas	55221	G4		14	14	14	14	14
Oswald Generating Station	Arkansas	55221	G5		14	14	14	14	14
Oswald Generating Station	Arkansas	55221	G6		18	18	18	18	18
Oswald Generating Station	Arkansas	55221	G7		19	19	19	19	19
Pine Bluff Energy Center	Arkansas	55075	CT-1		231	231	231	231	231

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2017 (tons)	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)
Robert E Ritchie	Arkansas	173	2		0	0	0	0	0
Thomas Fitzhugh	Arkansas	201	2		78	78	78	78	78
Union Power Station	Arkansas	55380	CTG-1		31	31	31	31	31
Union Power Station	Arkansas	55380	CTG-2		34	34	34	34	34
Union Power Station	Arkansas	55380	CTG-3		32	32	32	32	32
Union Power Station	Arkansas	55380	CTG-4		28	28	28	28	28
Union Power Station	Arkansas	55380	CTG-5		31	31	31	31	31
Union Power Station	Arkansas	55380	CTG-6		31	31	31	31	31
Union Power Station	Arkansas	55380	CTG-7		33	33	33	33	33
Union Power Station	Arkansas	55380	CTG-8		34	34	34	34	34
White Bluff	Arkansas	6009	1		2,635	2,635	2,546	2,546	2,546
White Bluff	Arkansas	6009	2		2,622	2,622	2,534	2,534	2,534
AL Sandersville	Georgia	55672	CT1	2			2	2	2
AL Sandersville	Georgia	55672	CT2	1			1	1	1
AL Sandersville	Georgia	55672	CT3	2			2	2	2
AL Sandersville	Georgia	55672	CT4	1			1	1	1
AL Sandersville	Georgia	55672	CT5	2			2	2	2
AL Sandersville	Georgia	55672	CT6	2			2	2	2
AL Sandersville	Georgia	55672	CT7	2			1	1	1
AL Sandersville	Georgia	55672	CT8	1			1	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A	1			0	0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B	1			0	0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C	1			0	0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D	1			0	0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E	1			0	0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F	1			0	0	0
Baconton	Georgia	55304	CT1	16			16	16	16
Baconton	Georgia	55304	CT4	17			16	16	16
Baconton	Georgia	55304	CT5	17			17	17	17
Baconton	Georgia	55304	CT6	16			16	16	16
Bowen	Georgia	703	1BLR	2,782			646	646	646
Bowen	Georgia	703	2BLR	2,921			669	669	669
Bowen	Georgia	703	3BLR	3,787			850	850	850
Bowen	Georgia	703	4BLR	3,510			803	803	803
Bowen	Georgia	703	6A	0			0	0	0
Bowen	Georgia	703	6B	0			0	0	0
Chattahoochee Energy Facility	Georgia	7917	8A	52			25	25	25

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2017 (tons)	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)
Chattahoochee Energy Facility	Georgia	7917	8B	50			23	23	23
Dahlberg (Jackson County)	Georgia	7765	1	5			3	3	3
Dahlberg (Jackson County)	Georgia	7765	10	10			7	7	7
Dahlberg (Jackson County)	Georgia	7765	2	7			3	3	3
Dahlberg (Jackson County)	Georgia	7765	3	4			3	3	3
Dahlberg (Jackson County)	Georgia	7765	4	15			13	13	13
Dahlberg (Jackson County)	Georgia	7765	5	4			2	2	2
Dahlberg (Jackson County)	Georgia	7765	6	11			9	9	9
Dahlberg (Jackson County)	Georgia	7765	7	4			2	2	2
Dahlberg (Jackson County)	Georgia	7765	8	6			3	3	3
Dahlberg (Jackson County)	Georgia	7765	9	14			12	12	12
Doyle Generating Facility	Georgia	55244	CTG-1	4			5	5	5
Doyle Generating Facility	Georgia	55244	CTG-2	5			7	7	7
Doyle Generating Facility	Georgia	55244	CTG-3	5			7	7	7
Doyle Generating Facility	Georgia	55244	CTG-4	8			9	9	9
Doyle Generating Facility	Georgia	55244	CTG-5	8			10	10	10
Effingham County Power, LLC	Georgia	55406	1	56			29	29	29
Effingham County Power, LLC	Georgia	55406	2	53			25	25	25
Hammond	Georgia	708	1	306			188	188	188
Hammond	Georgia	708	2	333			194	194	194
Hammond	Georgia	708	3	330			192	192	192
Hammond	Georgia	708	4	1,617			1,034	1,034	1,034
Harlee Branch	Georgia	709	1	883			489	489	489
Harlee Branch	Georgia	709	2	1,110			622	622	622
Harlee Branch	Georgia	709	3	1,785			1,019	1,019	1,019
Harlee Branch	Georgia	709	4	1,685			990	990	990
Hartwell Energy Facility	Georgia	70454	MAG1	55			54	54	54
Hartwell Energy Facility	Georgia	70454	MAG2	57			59	59	59
Hawk Road Energy Facility	Georgia	55141	CT1	35			34	34	34
Hawk Road Energy Facility	Georgia	55141	CT2	35			33	33	33
Hawk Road Energy Facility	Georgia	55141	CT3	11			14	14	14
Jack McDonough	Georgia	710	3AA	0			0	0	0
Jack McDonough	Georgia	710	3AB	0			0	0	0
Jack McDonough	Georgia	710	3BA	0			0	0	0
Jack McDonough	Georgia	710	3BB	0			0	0	0
Jack McDonough	Georgia	710	MB1	925			522	522	522
Jack McDonough	Georgia	710	MB2	987			538	538	538

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2017 (tons)	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)
Kraft	Georgia	733	1	212			130	130	130
Kraft	Georgia	733	2	200			122	122	122
Kraft	Georgia	733	3	432			237	237	237
Kraft	Georgia	733	4	10			11	11	11
MPC Generating, LLC	Georgia	7764	1	5			5	5	5
MPC Generating, LLC	Georgia	7764	2	5			3	3	3
McIntosh (6124)	Georgia	6124	1	496			312	312	312
McIntosh (6124)	Georgia	6124	CT1	4			3	3	3
McIntosh (6124)	Georgia	6124	CT2	4			3	3	3
McIntosh (6124)	Georgia	6124	CT3	6			5	5	5
McIntosh (6124)	Georgia	6124	CT4	5			4	4	4
McIntosh (6124)	Georgia	6124	CT5	6			5	5	5
McIntosh (6124)	Georgia	6124	CT6	6			5	5	5
McIntosh (6124)	Georgia	6124	CT7	5			4	4	4
McIntosh (6124)	Georgia	6124	CT8	6			4	4	4
McIntosh Combined Cycle Facility	Georgia	56150	10A	47			23	23	23
McIntosh Combined Cycle Facility	Georgia	56150	10B	45			22	22	22
McIntosh Combined Cycle Facility	Georgia	56150	11A	49			24	24	24
McIntosh Combined Cycle Facility	Georgia	56150	11B	52			24	24	24
McManus	Georgia	715	1	6			4	4	4
McManus	Georgia	715	2	9			7	7	7
McManus	Georgia	715	3A	1			0	0	0
McManus	Georgia	715	3B	1			0	0	0
McManus	Georgia	715	3C	1			0	0	0
McManus	Georgia	715	4A	1			0	0	0
McManus	Georgia	715	4B	1			1	1	1
McManus	Georgia	715	4C	1			0	0	0
McManus	Georgia	715	4D	1			0	0	0
McManus	Georgia	715	4E	1			0	0	0
McManus	Georgia	715	4F	1			0	0	0
Mid-Georgia Cogeneration	Georgia	55040	1	21			14	14	14
Mid-Georgia Cogeneration	Georgia	55040	2	21			15	15	15
Mitchell (GA)	Georgia	727	3	344			209	209	209
Mitchell (GA)	Georgia	727	4AA	0			0	0	0
Mitchell (GA)	Georgia	727	4AB	0			0	0	0
Mitchell (GA)	Georgia	727	4BA	0			0	0	0
Mitchell (GA)	Georgia	727	4BB	0			0	0	0

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Mitchell (GA)	Georgia	727	4CA	0			0	0	0
Mitchell (GA)	Georgia	727	4CB	0			0	0	0
Murray Energy Facility	Georgia	55382	CCCT1	36			24	24	24
Murray Energy Facility	Georgia	55382	CCCT2	32			21	21	21
Murray Energy Facility	Georgia	55382	CCCT3	36			25	25	25
Murray Energy Facility	Georgia	55382	CCCT4	35			25	25	25
Robins	Georgia	7348	CT1	11			9	9	9
Robins	Georgia	7348	CT2	14			8	8	8
SEGCO Bainbridge	Georgia	56015	P1A	0			0	0	0
SEGCO Bainbridge	Georgia	56015	P1B	0			0	0	0
SEGCO Bainbridge	Georgia	56015	P2A	0			0	0	0
SEGCO Bainbridge	Georgia	56015	P2B	0			0	0	0
Scherer	Georgia	6257	1	3,743			2,051	2,051	2,051
Scherer	Georgia	6257	2	3,846			2,077	2,077	2,077
Scherer	Georgia	6257	3	3,713			2,081	2,081	2,081
Scherer	Georgia	6257	4	3,794			2,146	2,146	2,146
Sewell Creek Energy	Georgia	7813	1	3			3	3	3
Sewell Creek Energy	Georgia	7813	2	5			5	5	5
Sewell Creek Energy	Georgia	7813	3	44			44	44	44
Sewell Creek Energy	Georgia	7813	4	43			50	50	50
Smarr Energy Facility	Georgia	7829	1	18			18	18	18
Smarr Energy Facility	Georgia	7829	2	20			20	20	20
Sowega Power Project	Georgia	7768	CT2	8			8	8	8
Sowega Power Project	Georgia	7768	CT3	8			9	9	9
Talbot Energy Facility	Georgia	7916	1	11			9	9	9
Talbot Energy Facility	Georgia	7916	2	7			6	6	6
Talbot Energy Facility	Georgia	7916	3	7			7	7	7
Talbot Energy Facility	Georgia	7916	4	7			7	7	7
Talbot Energy Facility	Georgia	7916	5	10			7	7	7
Talbot Energy Facility	Georgia	7916	6	8			6	6	6
Tenaska Georgia Generating Station	Georgia	55061	CT1	4			3	3	3
Tenaska Georgia Generating Station	Georgia	55061	CT2	5			4	4	4
Tenaska Georgia Generating Station	Georgia	55061	CT3	7			7	7	7
Tenaska Georgia Generating Station	Georgia	55061	CT4	5			4	4	4
Tenaska Georgia Generating Station	Georgia	55061	CT5	4			4	4	4
Tenaska Georgia Generating Station	Georgia	55061	CT6	5			4	4	4
Walton County Power, LLC	Georgia	55128	T1	32			21	21	21

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Walton County Power, LLC	Georgia	55128	T2	37			26	26	26
Walton County Power, LLC	Georgia	55128	T3	30			21	21	21
Wansley (6052)	Georgia	6052	1	3,484			757	757	757
Wansley (6052)	Georgia	6052	2	3,355			776	776	776
Wansley (6052)	Georgia	6052	5A	0			0	0	0
Wansley (6052)	Georgia	6052	6A	58			32	32	32
Wansley (6052)	Georgia	6052	6B	57			28	28	28
Wansley (6052)	Georgia	6052	7A	67			49	49	49
Wansley (6052)	Georgia	6052	7B	55			27	27	27
Wansley (7946)	Georgia	7946	CT9A	57			23	23	23
Wansley (7946)	Georgia	7946	CT9B	66			23	23	23
Washington County Power, LLC	Georgia	55332	T1	10			8	8	8
Washington County Power, LLC	Georgia	55332	T2	18			12	12	12
Washington County Power, LLC	Georgia	55332	T3	17			11	11	11
Washington County Power, LLC	Georgia	55332	T4	8			8	8	8
West Georgia Generating Facility	Georgia	55267	1	13			12	12	12
West Georgia Generating Facility	Georgia	55267	2	14			12	12	12
West Georgia Generating Facility	Georgia	55267	3	14			12	12	12
West Georgia Generating Facility	Georgia	55267	4	9			8	8	8
Yates	Georgia	728	Y1BR	364			215	215	215
Yates	Georgia	728	Y2BR	327			204	204	204
Yates	Georgia	728	Y3BR	303			192	192	192
Yates	Georgia	728	Y4BR	436			239	239	239
Yates	Georgia	728	Y5BR	410			268	268	268
Yates	Georgia	728	Y6BR	1,212			735	735	735
Yates	Georgia	728	Y7BR	1,157			725	725	725
A B Brown Generating Station	Indiana	6137	1						
A B Brown Generating Station	Indiana	6137	2						
A B Brown Generating Station	Indiana	6137	3						
A B Brown Generating Station	Indiana	6137	4						
Alcoa Allowance Management Inc	Indiana	6705	4						
Anderson	Indiana	7336	ACT1						
Anderson	Indiana	7336	ACT2						
Anderson	Indiana	7336	ACT3						
Bailly Generating Station	Indiana	995	10						
Bailly Generating Station	Indiana	995	7						
Bailly Generating Station	Indiana	995	8						

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Broadway Avenue Generating Station	Indiana	1011	1						
Broadway Avenue Generating Station	Indiana	1011	2						
Cayuga	Indiana	1001	1						
Cayuga	Indiana	1001	2						
Cayuga	Indiana	1001	4						
Clifty Creek	Indiana	983	1						
Clifty Creek	Indiana	983	2						
Clifty Creek	Indiana	983	3						
Clifty Creek	Indiana	983	4						
Clifty Creek	Indiana	983	5						
Clifty Creek	Indiana	983	6						
Connersville Peaking Station	Indiana	1002	1A						
Connersville Peaking Station	Indiana	1002	1B						
Connersville Peaking Station	Indiana	1002	2A						
Connersville Peaking Station	Indiana	1002	2B						
Dean H Mitchell Generating Station	Indiana	996	11						
Dean H Mitchell Generating Station	Indiana	996	4						
Dean H Mitchell Generating Station	Indiana	996	5						
Dean H Mitchell Generating Station	Indiana	996	6						
Duke Energy Vermillion, II LLC	Indiana	55111	1						
Duke Energy Vermillion, II LLC	Indiana	55111	2						
Duke Energy Vermillion, II LLC	Indiana	55111	3						
Duke Energy Vermillion, II LLC	Indiana	55111	4						
Duke Energy Vermillion, II LLC	Indiana	55111	5						
Duke Energy Vermillion, II LLC	Indiana	55111	6						
Duke Energy Vermillion, II LLC	Indiana	55111	7						
Duke Energy Vermillion, II LLC	Indiana	55111	8						
Edwardsport	Indiana	1004	6-1						
Edwardsport	Indiana	1004	7-1						
Edwardsport	Indiana	1004	7-2						
Edwardsport	Indiana	1004	8-1						
F B Culley Generating Station	Indiana	1012	2						
F B Culley Generating Station	Indiana	1012	3						
Frank E Ratts	Indiana	1043	1SG1						
Frank E Ratts	Indiana	1043	2SG1						
Georgetown Substation	Indiana	7759	GT1						
Georgetown Substation	Indiana	7759	GT2						

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Georgetown Substation	Indiana	7759	GT3						
Georgetown Substation	Indiana	7759	GT4						
Gibson	Indiana	6113	1						
Gibson	Indiana	6113	2						
Gibson	Indiana	6113	3						
Gibson	Indiana	6113	4						
Gibson	Indiana	6113	5						
Harding Street Station (EW Stout)	Indiana	990	10						
Harding Street Station (EW Stout)	Indiana	990	50						
Harding Street Station (EW Stout)	Indiana	990	60						
Harding Street Station (EW Stout)	Indiana	990	70						
Harding Street Station (EW Stout)	Indiana	990	9						
Harding Street Station (EW Stout)	Indiana	990	GT4						
Harding Street Station (EW Stout)	Indiana	990	GT5						
Harding Street Station (EW Stout)	Indiana	990	GT6						
Henry County Generating Station	Indiana	7763	1						
Henry County Generating Station	Indiana	7763	2						
Henry County Generating Station	Indiana	7763	3						
Hoosier Energy Lawrence Co Station	Indiana	7948	1						
Hoosier Energy Lawrence Co Station	Indiana	7948	2						
Hoosier Energy Lawrence Co Station	Indiana	7948	3						
Hoosier Energy Lawrence Co Station	Indiana	7948	4						
Hoosier Energy Lawrence Co Station	Indiana	7948	5						
Hoosier Energy Lawrence Co Station	Indiana	7948	6						
IPL Eagle Valley Generating Station	Indiana	991	1						
IPL Eagle Valley Generating Station	Indiana	991	2						
IPL Eagle Valley Generating Station	Indiana	991	3						
IPL Eagle Valley Generating Station	Indiana	991	4						
IPL Eagle Valley Generating Station	Indiana	991	5						
IPL Eagle Valley Generating Station	Indiana	991	6						
Lawrenceburg Energy Facility	Indiana	55502	1						
Lawrenceburg Energy Facility	Indiana	55502	2						
Lawrenceburg Energy Facility	Indiana	55502	3						
Lawrenceburg Energy Facility	Indiana	55502	4						
Merom	Indiana	6213	1SG1						
Merom	Indiana	6213	2SG1						
Michigan City Generating Station	Indiana	997	12						

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Michigan City Generating Station	Indiana	997	4						
Michigan City Generating Station	Indiana	997	5						
Michigan City Generating Station	Indiana	997	6						
Montpelier Electric Gen Station	Indiana	55229	G1CT1						
Montpelier Electric Gen Station	Indiana	55229	G1CT2						
Montpelier Electric Gen Station	Indiana	55229	G2CT1						
Montpelier Electric Gen Station	Indiana	55229	G2CT2						
Montpelier Electric Gen Station	Indiana	55229	G3CT1						
Montpelier Electric Gen Station	Indiana	55229	G3CT2						
Montpelier Electric Gen Station	Indiana	55229	G4CT1						
Montpelier Electric Gen Station	Indiana	55229	G4CT2						
Noblesville	Indiana	1007	CT3						
Noblesville	Indiana	1007	CT4						
Noblesville	Indiana	1007	CT5						
Petersburg	Indiana	994	1						
Petersburg	Indiana	994	2						
Petersburg	Indiana	994	3						
Petersburg	Indiana	994	4						
Portside Energy	Indiana	55096	GT						
R Gallagher	Indiana	1008	1						
R Gallagher	Indiana	1008	2						
R Gallagher	Indiana	1008	3						
R Gallagher	Indiana	1008	4						
R M Schahfer Generating Station	Indiana	6085	14						
R M Schahfer Generating Station	Indiana	6085	15						
R M Schahfer Generating Station	Indiana	6085	16A						
R M Schahfer Generating Station	Indiana	6085	16B						
R M Schahfer Generating Station	Indiana	6085	17						
R M Schahfer Generating Station	Indiana	6085	18						
Richmond (IN)	Indiana	7335	RCT1						
Richmond (IN)	Indiana	7335	RCT2						
Rockport	Indiana	6166	MB1						
Rockport	Indiana	6166	MB2						
State Line Generating Station (IN)	Indiana	981	3						
State Line Generating Station (IN)	Indiana	981	4						
Sugar Creek Generating Station	Indiana	55364	CT11						
Sugar Creek Generating Station	Indiana	55364	CT12						

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Tanners Creek	Indiana	988	U1						
Tanners Creek	Indiana	988	U2						
Tanners Creek	Indiana	988	U3						
Tanners Creek	Indiana	988	U4						
Wabash River Gen Station	Indiana	1010	1						
Wabash River Gen Station	Indiana	1010	2						
Wabash River Gen Station	Indiana	1010	3						
Wabash River Gen Station	Indiana	1010	4						
Wabash River Gen Station	Indiana	1010	5						
Wabash River Gen Station	Indiana	1010	6						
Wheatland Generating Facility LLC	Indiana	55224	EU-01						
Wheatland Generating Facility LLC	Indiana	55224	EU-02						
Wheatland Generating Facility LLC	Indiana	55224	EU-03						
Wheatland Generating Facility LLC	Indiana	55224	EU-04						
Whitewater Valley	Indiana	1040	1						
Whitewater Valley	Indiana	1040	2						
Whiting Clean Energy, Inc.	Indiana	55259	CT1						
Whiting Clean Energy, Inc.	Indiana	55259	CT2						
Worthington Generation	Indiana	55148	1						
Worthington Generation	Indiana	55148	2						
Worthington Generation	Indiana	55148	3						
Worthington Generation	Indiana	55148	4						
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	19					
Chanute 2	Kansas	1268	14	28					
Cimarron River	Kansas	1230	1	130					
Clifton	Kansas	8037	T1	26					
Coffeyville	Kansas	1271	4	8					
East 12th Street	Kansas	7013	4	8					
Emporia Energy Center	Kansas	56502	EEC1	30					
Emporia Energy Center	Kansas	56502	EEC2	33					
Emporia Energy Center	Kansas	56502	EEC3	33					
Emporia Energy Center	Kansas	56502	EEC4	31					
Emporia Energy Center	Kansas	56502	EEC5	8					
Emporia Energy Center	Kansas	56502	EEC6	11					
Emporia Energy Center	Kansas	56502	EEC7	7					
Fort Dodge aka Judson Large	Kansas	1233	4	403					
Garden City	Kansas	1336	S-2	65					

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Garden City	Kansas	1336	S4	8					
Garden City	Kansas	1336	S5	8					
Gordon Evans Energy Center	Kansas	1240	1	172					
Gordon Evans Energy Center	Kansas	1240	2	377					
Gordon Evans Energy Center	Kansas	1240	E1CT	4					
Gordon Evans Energy Center	Kansas	1240	E2CT	5					
Gordon Evans Energy Center	Kansas	1240	E3CT	12					
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	140					
Holcomb	Kansas	108	SGU1	2,363					
Hutchinson Energy Center	Kansas	1248	4	181					
Hutchinson Energy Center	Kansas	1248	GT1	1					
Hutchinson Energy Center	Kansas	1248	GT2	1					
Hutchinson Energy Center	Kansas	1248	GT3	1					
Hutchinson Energy Center	Kansas	1248	GT4	1					
Jeffrey Energy Center	Kansas	6068	1	3,302					
Jeffrey Energy Center	Kansas	6068	2	3,196					
Jeffrey Energy Center	Kansas	6068	3	3,102					
La Cygne	Kansas	1241	1	4,318					
La Cygne	Kansas	1241	2	4,246					
Lawrence Energy Center	Kansas	1250	3	391					
Lawrence Energy Center	Kansas	1250	4	763					
Lawrence Energy Center	Kansas	1250	5	2,255					
McPherson 2	Kansas	1305	GT1	2					
McPherson 2	Kansas	1305	GT2	2					
McPherson 2	Kansas	1305	GT3	2					
McPherson 3	Kansas	7515	1	21					
Murray Gill Energy Center	Kansas	1242	1	9					
Murray Gill Energy Center	Kansas	1242	2	24					
Murray Gill Energy Center	Kansas	1242	3	124					
Murray Gill Energy Center	Kansas	1242	4	89					
Nearman Creek	Kansas	6064	CT4	33					
Nearman Creek	Kansas	6064	N1	1,576					
Neosho Energy Center	Kansas	1243	7	8					
Osawatomie Generating Station	Kansas	7928	1	2					
Quindaro	Kansas	1295	1	501					
Quindaro	Kansas	1295	2	640					
Quindaro	Kansas	1295	GT2	2					

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Quindaro	Kansas	1295	GT3	2					
Riverton	Kansas	1239	12	32					
Riverton	Kansas	1239	39	212					
Riverton	Kansas	1239	40	358					
Tecumseh Energy Center	Kansas	1252	10	855					
Tecumseh Energy Center	Kansas	1252	9	530					
West Gardner Generating Station	Kansas	7929	1	4					
West Gardner Generating Station	Kansas	7929	2	4					
West Gardner Generating Station	Kansas	7929	3	4					
West Gardner Generating Station	Kansas	7929	4	4					
Acadia Power Station	Louisiana	55173	CT1		34	34	34	34	34
Acadia Power Station	Louisiana	55173	CT2		54	54	54	54	54
Acadia Power Station	Louisiana	55173	CT3		44	44	44	44	44
Acadia Power Station	Louisiana	55173	CT4		40	40	40	40	40
Arsenal Hill Power Plant	Louisiana	1416	5A		68	68	68	68	68
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1		3	3	3	3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2		3	3	3	3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3		3	3	3	3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4		4	4	4	4	4
Big Cajun 1	Louisiana	1464	1B1		5	5	5	5	5
Big Cajun 1	Louisiana	1464	1B2		0	0	0	0	0
Big Cajun 1	Louisiana	1464	CTG1		13	13	13	13	13
Big Cajun 1	Louisiana	1464	CTG2		16	16	16	16	16
Big Cajun 2	Louisiana	6055	2B1		1,384	1,384	1,384	1,384	1,384
Big Cajun 2	Louisiana	6055	2B2		1,362	1,362	1,362	1,362	1,362
Big Cajun 2	Louisiana	6055	2B3		1,354	1,354	1,354	1,354	1,354
Brame Energy Center	Louisiana	6190	1		300	300	300	300	300
Brame Energy Center	Louisiana	6190	2		1,102	1,102	1,102	1,102	1,102
Brame Energy Center	Louisiana	6190	3-1		140	140	140	140	140
Brame Energy Center	Louisiana	6190	3-2		154	154	154	154	154
Calcasieu Plant	Louisiana	55165	GTG1		26	26	26	26	26
Calcasieu Plant	Louisiana	55165	GTG2		36	36	36	36	36
Carville Energy Center	Louisiana	55404	COG01		78	78	78	78	78
Carville Energy Center	Louisiana	55404	COG02		85	85	85	85	85
Coughlin Power Station	Louisiana	1396	6-1		58	58	58	58	58
Coughlin Power Station	Louisiana	1396	7-1		81	81	81	81	81
Coughlin Power Station	Louisiana	1396	7-2		92	92	92	92	92

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D G Hunter	Louisiana	6558	3		5	5	5	5	5
D G Hunter	Louisiana	6558	4		10	10	10	10	10
Doc Bonin	Louisiana	1443	1		7	7	7	7	7
Doc Bonin	Louisiana	1443	2		84	84	84	84	84
Doc Bonin	Louisiana	1443	3		93	93	93	93	93
Dolet Hills Power Station	Louisiana	51	1		1,524	1,524	1,524	1,524	1,524
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1		22	22	22	22	22
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2		17	17	17	17	17
Houma	Louisiana	1439	15		14	14	14	14	14
Houma	Louisiana	1439	16		18	18	18	18	18
Lieberman Power Plant	Louisiana	1417	3		40	40	40	40	40
Lieberman Power Plant	Louisiana	1417	4		39	39	39	39	39
Little Gypsy	Louisiana	1402	1		192	192	192	192	192
Little Gypsy	Louisiana	1402	2		299	299	299	299	299
Little Gypsy	Louisiana	1402	3		497	497	497	497	497
Louisiana 1	Louisiana	1391	1A		102	102	102	102	102
Louisiana 1	Louisiana	1391	2A		68	68	68	68	68
Louisiana 1	Louisiana	1391	3A		97	97	97	97	97
Louisiana 1	Louisiana	1391	4A		334	334	334	334	334
Louisiana 1	Louisiana	1391	5A		138	138	138	138	138
Michoud	Louisiana	1409	1		0	0	0	0	0
Michoud	Louisiana	1409	2		243	243	243	243	243
Michoud	Louisiana	1409	3		610	610	610	610	610
Morgan City Electrical Gen Facility	Louisiana	1449	4		50	50	50	50	50
Natchitoches	Louisiana	1450	10		1	1	1	1	1
Nelson Industrial Steam Company	Louisiana	50030	1A		210	210	210	210	210
Nelson Industrial Steam Company	Louisiana	50030	2A		295	295	295	295	295
Ninemile Point	Louisiana	1403	1		45	45	45	45	45
Ninemile Point	Louisiana	1403	2		24	24	24	24	24
Ninemile Point	Louisiana	1403	3		88	88	88	88	88
Ninemile Point	Louisiana	1403	4		918	918	918	918	918
Ninemile Point	Louisiana	1403	5		1,011	1,011	1,011	1,011	1,011
Ouachita Plant	Louisiana	55467	CTGEN1		24	24	24	24	24
Ouachita Plant	Louisiana	55467	CTGEN2		26	26	26	26	26
Ouachita Plant	Louisiana	55467	CTGEN3		28	28	28	28	28
Perryville Power Station	Louisiana	55620	1-1		33	33	33	33	33
Perryville Power Station	Louisiana	55620	1-2		33	33	33	33	33

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Perryville Power Station	Louisiana	55620	2-1		2	2	2	2	2
Plaquemine Cogen Facility	Louisiana	55419	500		50	50	50	50	50
Plaquemine Cogen Facility	Louisiana	55419	600		49	49	49	49	49
Plaquemine Cogen Facility	Louisiana	55419	700		46	46	46	46	46
Plaquemine Cogen Facility	Louisiana	55419	800		59	59	59	59	59
R S Cogen	Louisiana	55117	RS-5		163	163	163	163	163
R S Cogen	Louisiana	55117	RS-6		166	166	166	166	166
R S Nelson	Louisiana	1393	3		94	94	94	94	94
R S Nelson	Louisiana	1393	4		516	516	516	516	516
R S Nelson	Louisiana	1393	6		1,383	1,383	1,383	1,383	1,383
Sterlington	Louisiana	1404	10		0	0	0	0	0
Sterlington	Louisiana	1404	7AB		5	5	5	5	5
Sterlington	Louisiana	1404	7C		7	7	7	7	7
T J Labbe Electric Generating Station	Louisiana	56108	U-1		27	27	27	27	27
T J Labbe Electric Generating Station	Louisiana	56108	U-2		15	15	15	15	15
Taft Cogeneration Facility	Louisiana	55089	CT1		83	83	83	83	83
Taft Cogeneration Facility	Louisiana	55089	CT2		80	80	80	80	80
Taft Cogeneration Facility	Louisiana	55089	CT3		87	87	87	87	87
Teche Power Station	Louisiana	1400	2		3	3	3	3	3
Teche Power Station	Louisiana	1400	3		345	345	345	345	345
Waterford 1 & 2	Louisiana	8056	1		241	241	241	241	241
Waterford 1 & 2	Louisiana	8056	2		262	262	262	262	262
Waterford 1 & 2	Louisiana	8056	4		0	0	0	0	0
Willow Glen	Louisiana	1394	1		24	24	24	24	24
Willow Glen	Louisiana	1394	2		60	60	60	60	60
Willow Glen	Louisiana	1394	3		1	1	1	1	1
Willow Glen	Louisiana	1394	4		179	179	179	179	179
Willow Glen	Louisiana	1394	5		26	26	26	26	26
Attala Generating Plant	Mississippi	55220	A01		18	18	18	18	18
Attala Generating Plant	Mississippi	55220	A02		19	19	19	19	19
Batesville Generation Facility	Mississippi	55063	1		61	61	61	61	61
Batesville Generation Facility	Mississippi	55063	2		70	70	70	70	70
Batesville Generation Facility	Mississippi	55063	3		74	74	74	74	74
Baxter Wilson	Mississippi	2050	1		918	918	918	918	918
Baxter Wilson	Mississippi	2050	2		740	740	740	740	740
Caledonia	Mississippi	55197	AA-001		25	25	25	25	25
Caledonia	Mississippi	55197	AA-002		28	28	28	28	28

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2017 (tons)	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)
Caledonia	Mississippi	55197	AA-003		26	26	26	26	26
Chevron Cogenerating Station	Mississippi	2047	5		113	113	113	113	113
Choctaw County Gen	Mississippi	55706	CTG1		12	12	12	12	12
Choctaw County Gen	Mississippi	55706	CTG2		16	16	16	16	16
Choctaw County Gen	Mississippi	55706	CTG3		16	16	16	16	16
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001		37	37	37	37	37
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002		35	35	35	35	35
Crossroads Energy Center (CPU)	Mississippi	55395	CT01		1	1	1	1	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT02		1	1	1	1	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT03		3	3	3	3	3
Crossroads Energy Center (CPU)	Mississippi	55395	CT04		1	1	1	1	1
Daniel Electric Generating Plant	Mississippi	6073	1		1,640	1,640	1,640	1,640	1,640
Daniel Electric Generating Plant	Mississippi	6073	2		1,623	1,623	1,623	1,623	1,623
Daniel Electric Generating Plant	Mississippi	6073	3A		21	21	21	21	21
Daniel Electric Generating Plant	Mississippi	6073	3B		21	21	21	21	21
Daniel Electric Generating Plant	Mississippi	6073	4A		20	20	20	20	20
Daniel Electric Generating Plant	Mississippi	6073	4B		18	18	18	18	18
Delta	Mississippi	2051	1		7	7	7	7	7
Delta	Mississippi	2051	2		5	5	5	5	5
Gerald Andrus	Mississippi	8054	1		1,014	1,014	1,014	1,014	1,014
Hinds Energy Facility	Mississippi	55218	H01		13	13	13	13	13
Hinds Energy Facility	Mississippi	55218	H02		14	14	14	14	14
Kemper County	Mississippi	7960	KCT1		8	8	8	8	8
Kemper County	Mississippi	7960	KCT2		7	7	7	7	7
Kemper County	Mississippi	7960	KCT3		6	6	6	6	6
Kemper County	Mississippi	7960	KCT4		6	6	6	6	6
Magnolia Facility	Mississippi	55451	CTG-1		24	24	24	24	24
Magnolia Facility	Mississippi	55451	CTG-2		23	23	23	23	23
Magnolia Facility	Mississippi	55451	CTG-3		28	28	28	28	28
Moselle Generating Plant	Mississippi	2070	**4		3	3	3	3	3
Moselle Generating Plant	Mississippi	2070	1		62	62	62	62	62
Moselle Generating Plant	Mississippi	2070	2		47	47	47	47	47
Moselle Generating Plant	Mississippi	2070	3		55	55	55	55	55
Moselle Generating Plant	Mississippi	2070	5		1	1	1	1	1
R D Morrow Senior Generating Plant	Mississippi	6061	1		673	673	673	673	673
R D Morrow Senior Generating Plant	Mississippi	6061	2		698	698	698	698	698
Red Hills Generation Facility	Mississippi	55076	AA001		657	657	657	657	657

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Red Hills Generation Facility	Mississippi	55076	AA002		653	653	653	653	653
Rex Brown	Mississippi	2053	3		11	11	11	11	11
Rex Brown	Mississippi	2053	4		185	185	185	185	185
Silver Creek Generating Plant	Mississippi	7988	1		5	5	5	5	5
Silver Creek Generating Plant	Mississippi	7988	2		9	9	9	9	9
Silver Creek Generating Plant	Mississippi	7988	3		8	8	8	8	8
Southaven Combined Cycle	Mississippi	55269	AA-001		29	29	29	29	29
Southaven Combined Cycle	Mississippi	55269	AA-002		32	32	32	32	32
Southaven Combined Cycle	Mississippi	55269	AA-003		75	75	75	75	75
Sweatt Electric Generating Plant	Mississippi	2048	1		5	5	5	5	5
Sweatt Electric Generating Plant	Mississippi	2048	2		5	5	5	5	5
Sweatt Electric Generating Plant	Mississippi	2048	CTA		0	0	0	0	0
Sweatt Electric Generating Plant	Mississippi	2048	CTB		0	0	0	0	0
Sylvarena Generating Plant	Mississippi	7989	1		13	13	13	13	13
Sylvarena Generating Plant	Mississippi	7989	2		19	19	19	19	19
Sylvarena Generating Plant	Mississippi	7989	3		21	21	21	21	21
Watson Electric Generating Plant	Mississippi	2049	1		7	7	7	7	7
Watson Electric Generating Plant	Mississippi	2049	2		8	8	8	8	8
Watson Electric Generating Plant	Mississippi	2049	3		9	9	9	9	9
Watson Electric Generating Plant	Mississippi	2049	4		691	691	691	691	691
Watson Electric Generating Plant	Mississippi	2049	5		1,487	1,487	1,487	1,487	1,487
Watson Electric Generating Plant	Mississippi	2049	CTA		0	0	0	0	0
Watson Electric Generating Plant	Mississippi	2049	CTB		0	0	0	0	0
Asbury	Missouri	2076	1	884	466	444	394	394	394
Audrain Power Plant	Missouri	55234	CT1	2	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT2	2	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT3	2	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT4	2	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT5	1	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT6	1	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT7	1	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT8	1	1	1	1	1	1
Blue Valley	Missouri	2132	3	126	77	73	65	65	65
Chamois Power Plant	Missouri	2169	2	248	120	114	101	101	101
Chillicothe	Missouri	2122	GT1A	0	0	0	0	0	0
Chillicothe	Missouri	2122	GT1B	0	0	0	0	0	0
Chillicothe	Missouri	2122	GT2A	0	0	0	0	0	0

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Chillicothe	Missouri	2122	GT2B	0	0	0	0	0	0
Columbia	Missouri	2123	6	22	21	20	18	18	18
Columbia	Missouri	2123	7	60	30	29	26	26	26
Columbia	Missouri	2123	8	0	0	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT01	1	1	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT02	2	1	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT03	1	1	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT04	1	0	0	0	0	0
Dogwood Energy Facility	Missouri	55178	CT-1	33	23	23	23	23	23
Dogwood Energy Facility	Missouri	55178	CT-2	30	18	18	18	18	18
Empire District Elec Co Energy Ctr	Missouri	6223	1	1	1	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	2	2	2	2	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	3A	11	6	6	6	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	3B	11	6	6	6	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	4A	12	6	6	6	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	4B	12	6	6	6	6	6
Essex Power Plant	Missouri	7749	1	8	8	8	7	7	7
Fairgrounds	Missouri	2082	CT01	0	0	0	0	0	0
Greenwood Energy Center	Missouri	6074	1	6	3	3	2	2	2
Greenwood Energy Center	Missouri	6074	2	4	2	2	2	2	2
Greenwood Energy Center	Missouri	6074	3	6	3	3	3	3	3
Greenwood Energy Center	Missouri	6074	4	8	4	3	3	3	3
Hawthorn	Missouri	2079	5A	2,445	1,082	1,082	1,082	1,082	1,082
Hawthorn	Missouri	2079	6	1	1	1	1	1	1
Hawthorn	Missouri	2079	7	7	6	6	6	6	6
Hawthorn	Missouri	2079	8	8	7	7	7	7	7
Hawthorn	Missouri	2079	9	21	21	21	21	21	21
Higginsville Municipal Power Plant	Missouri	2131	4A	0	0	0	0	0	0
Higginsville Municipal Power Plant	Missouri	2131	4B	0	0	0	0	0	0
Holden Power Plant	Missouri	7848	1	5	3	3	3	3	3
Holden Power Plant	Missouri	7848	2	6	4	4	4	4	4
Holden Power Plant	Missouri	7848	3	5	3	3	3	3	3
Howard Bend	Missouri	2102	CT1A	0	0	0	0	0	0
Howard Bend	Missouri	2102	CT1B	0	0	0	0	0	0
Iatan	Missouri	6065	1	3,094	1,626	1,550	1,374	1,374	1,374
James River	Missouri	2161	**GT1	7	7	7	6	6	6
James River	Missouri	2161	**GT2	13	14	13	12	12	12

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James River	Missouri	2161	3	207	103	99	87	87	87
James River	Missouri	2161	4	235	120	115	102	102	102
James River	Missouri	2161	5	435	220	210	186	186	186
Labadie	Missouri	2103	1	2,321	986	986	986	986	986
Labadie	Missouri	2103	2	2,495	1,038	1,038	1,038	1,038	1,038
Labadie	Missouri	2103	3	2,677	1,121	1,121	1,115	1,115	1,115
Labadie	Missouri	2103	4	2,613	1,100	1,100	1,100	1,100	1,100
Lake Road	Missouri	2098	6	414	210	200	178	178	178
Lake Road	Missouri	2098	GT5	2	1	1	1	1	1
McCartney Generating Station	Missouri	7903	MGS1A	10	11	10	9	9	9
McCartney Generating Station	Missouri	7903	MGS1B	10	11	10	9	9	9
McCartney Generating Station	Missouri	7903	MGS2A	10	10	9	8	8	8
McCartney Generating Station	Missouri	7903	MGS2B	10	10	9	8	8	8
Meramec	Missouri	2104	1	646	301	287	255	255	255
Meramec	Missouri	2104	2	609	295	281	250	250	250
Meramec	Missouri	2104	3	1,075	571	545	483	483	483
Meramec	Missouri	2104	4	1,499	748	713	632	632	632
Meramec	Missouri	2104	CT01	0	0	0	0	0	0
Meramec	Missouri	2104	CT2A	0	0	0	0	0	0
Meramec	Missouri	2104	CT2B	0	0	0	0	0	0
Mexico	Missouri	6650	CT01	0	0	0	0	0	0
Moberly	Missouri	6651	CT01	0	1	1	0	0	0
Montrose	Missouri	2080	1	725	368	351	311	311	311
Montrose	Missouri	2080	2	710	349	333	295	295	295
Montrose	Missouri	2080	3	746	363	346	307	307	307
Moreau	Missouri	6652	CT01	0	0	0	0	0	0
New Madrid Power Plant	Missouri	2167	1	2,276	1,169	1,115	989	989	989
New Madrid Power Plant	Missouri	2167	2	2,172	1,176	1,121	994	994	994
Nodaway Power Plant	Missouri	7754	1	4	5	4	4	4	4
Nodaway Power Plant	Missouri	7754	2	5	5	5	5	5	5
Northeast Generating Station	Missouri	2081	11	0	0	0	0	0	0
Northeast Generating Station	Missouri	2081	12	0	0	0	0	0	0
Northeast Generating Station	Missouri	2081	13	0	0	0	0	0	0
Northeast Generating Station	Missouri	2081	14	0	0	0	0	0	0
Northeast Generating Station	Missouri	2081	15	0	0	0	0	0	0
Northeast Generating Station	Missouri	2081	16	0	0	0	0	0	0
Northeast Generating Station	Missouri	2081	17	1	0	0	0	0	0

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Northeast Generating Station	Missouri	2081	18	1	0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT1A	11	8	8	8	8	8
Peno Creek Energy Center	Missouri	7964	CT1B	10	8	8	7	7	7
Peno Creek Energy Center	Missouri	7964	CT2A	10	8	8	7	7	7
Peno Creek Energy Center	Missouri	7964	CT2B	9	7	7	6	6	6
Peno Creek Energy Center	Missouri	7964	CT3A	11	7	7	7	7	7
Peno Creek Energy Center	Missouri	7964	CT3B	11	8	8	8	8	8
Peno Creek Energy Center	Missouri	7964	CT4A	10	8	8	8	8	8
Peno Creek Energy Center	Missouri	7964	CT4B	10	8	8	8	8	8
Ralph Green Station	Missouri	2092	3	1	1	1	1	1	1
Rush Island	Missouri	6155	1	2,086	885	885	885	885	885
Rush Island	Missouri	6155	2	2,106	916	916	916	916	916
Sibley	Missouri	2094	1	222	107	102	91	91	91
Sibley	Missouri	2094	2	219	112	106	94	94	94
Sibley	Missouri	2094	3	1,400	723	689	611	611	611
Sikeston	Missouri	6768	1	1,268	649	618	548	548	548
Sioux	Missouri	2107	1	1,874	915	872	773	773	773
Sioux	Missouri	2107	2	1,690	816	778	690	690	690
South Harper Peaking Facility	Missouri	56151	1	15	12	12	12	12	12
South Harper Peaking Facility	Missouri	56151	2	19	16	16	16	16	16
South Harper Peaking Facility	Missouri	56151	3	23	20	20	20	20	20
Southwest	Missouri	6195	1	801	415	396	351	351	351
Southwest	Missouri	6195	CT1A	1	1	1	1	1	1
Southwest	Missouri	6195	CT1B	1	1	1	1	1	1
Southwest	Missouri	6195	CT2A	1	1	1	1	1	1
Southwest	Missouri	6195	CT2B	1	1	1	1	1	1
St. Francis Power Plant	Missouri	7604	1	31	19	19	19	19	19
St. Francis Power Plant	Missouri	7604	2	29	18	18	18	18	18
State Line (MO)	Missouri	7296	1	8	6	5	5	5	5
State Line (MO)	Missouri	7296	2-1	57	28	28	28	28	28
State Line (MO)	Missouri	7296	2-2	59	29	29	29	29	29
Thomas Hill Energy Center	Missouri	2168	MB1	829	433	412	366	366	366
Thomas Hill Energy Center	Missouri	2168	MB2	1,296	659	628	557	557	557
Thomas Hill Energy Center	Missouri	2168	MB3	2,674	1,379	1,315	1,166	1,166	1,166
Viaduct	Missouri	2096	CT01	0	0	0	0	0	0
Beatrice	Nebraska	8000	1						
Beatrice	Nebraska	8000	2						

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C W Burdick	Nebraska	2241	B-3						
C W Burdick	Nebraska	2241	GT-2						
C W Burdick	Nebraska	2241	GT-3						
Canaday	Nebraska	2226	1						
Cass County Station	Nebraska	55972	CT1						
Cass County Station	Nebraska	55972	CT2						
Gerald Gentleman Station	Nebraska	6077	1						
Gerald Gentleman Station	Nebraska	6077	2						
Gerald Whelan Energy Center	Nebraska	60	1						
Hallam	Nebraska	2265	1						
Hebron	Nebraska	2266	1						
J Street	Nebraska	2250	1						
Jones Street	Nebraska	2290	1						
Jones Street	Nebraska	2290	2						
Lon D Wright Power Plant	Nebraska	2240	50T						
Lon D Wright Power Plant	Nebraska	2240	8						
McCook	Nebraska	2271	1						
Nebraska City Station	Nebraska	6096	1						
Nebraska City Station	Nebraska	6096	2						
North Omaha Station	Nebraska	2291	1						
North Omaha Station	Nebraska	2291	2						
North Omaha Station	Nebraska	2291	3						
North Omaha Station	Nebraska	2291	4						
North Omaha Station	Nebraska	2291	5						
Platte	Nebraska	59	1						
Rokeby	Nebraska	6373	1						
Rokeby	Nebraska	6373	2						
Rokeby	Nebraska	6373	3						
Sarpy County	Nebraska	2292	1						
Sarpy County	Nebraska	2292	2						
Sarpy County Station	Nebraska	2292	CT3						
Sarpy County Station	Nebraska	2292	CT4A						
Sarpy County Station	Nebraska	2292	CT4B						
Sarpy County Station	Nebraska	2292	CT5A						
Sarpy County Station	Nebraska	2292	CT5B						
Sheldon	Nebraska	2277	1						
Sheldon	Nebraska	2277	2						

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Terry Bundy Generating Station	Nebraska	7887	SVGS2						
Terry Bundy Generating Station	Nebraska	7887	SVGS3						
Terry Bundy Generating Station	Nebraska	7887	SVGS4						
23rd and 3rd	New York	7910	2301	5	3	3	3	3	3
23rd and 3rd	New York	7910	2302	5	3	3	3	3	3
74th Street	New York	2504	120	60	15	15	15	15	15
74th Street	New York	2504	121	69	20	20	20	20	20
74th Street	New York	2504	122	62	15	15	15	15	15
AES Cayuga, LLC	New York	2535	1	506	216	216	216	216	216
AES Cayuga, LLC	New York	2535	2	502	204	204	204	204	204
AES Greenidge	New York	2527	4	25	9	9	9	9	9
AES Greenidge	New York	2527	5	22	9	9	9	9	9
AES Greenidge	New York	2527	6	290	119	119	119	119	119
AES Somerset (Kintigh)	New York	6082	1	2,221	926	926	926	926	926
AES Westover (Goudey)	New York	2526	13	215	83	83	83	83	83
AG - Energy	New York	10803	1	1	1	1	1	1	1
AG - Energy	New York	10803	2	1	0	0	0	0	0
Allegany Station No. 133	New York	10619	00001	20	9	9	9	9	9
Arthur Kill	New York	2490	20	319	200	200	200	200	200
Arthur Kill	New York	2490	30	311	208	208	208	208	208
Astoria Energy	New York	55375	CT1	101	35	35	35	35	35
Astoria Energy	New York	55375	CT2	91	37	37	37	37	37
Astoria Gas Turbine Power	New York	55243	CT2-1A	3	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-1B	3	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-2A	3	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-2B	3	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-3A	3	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-3B	3	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-4A	3	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-4B	3	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-1A	3	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-1B	3	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-2A	3	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-2B	3	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-3A	3	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-3B	3	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-4A	3	1	1	1	1	1

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Astoria Gas Turbine Power	New York	55243	CT3-4B	3	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-1A	4	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-1B	4	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-2A	3	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-2B	3	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-3A	3	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-3B	3	1	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-4A	4	2	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-4B	4	2	2	2	2	2
Astoria Generating Station	New York	8906	20	24	20	20	20	20	20
Astoria Generating Station	New York	8906	31RH	175	89	89	89	89	89
Astoria Generating Station	New York	8906	32SH	156	80	80	80	80	80
Astoria Generating Station	New York	8906	41SH	138	79	79	79	79	79
Astoria Generating Station	New York	8906	42RH	116	65	65	65	65	65
Astoria Generating Station	New York	8906	51RH	103	68	68	68	68	68
Astoria Generating Station	New York	8906	52SH	98	65	65	65	65	65
Athens Generating Company	New York	55405	1	78	50	50	50	50	50
Athens Generating Company	New York	55405	2	77	56	56	56	56	56
Athens Generating Company	New York	55405	3	87	50	50	50	50	50
Batavia Energy	New York	54593	1	11	8	8	8	8	8
Bayswater Peaking Facility	New York	55699	1	14	9	9	9	9	9
Bayswater Peaking Facility	New York	55699	2	7	6	6	6	6	6
Bethlehem Energy Center (Albany)	New York	2539	10001	44	21	21	21	21	21
Bethlehem Energy Center (Albany)	New York	2539	10002	39	16	16	16	16	16
Bethlehem Energy Center (Albany)	New York	2539	10003	40	18	18	18	18	18
Bethpage Energy Center	New York	50292	GT1	26	14	14	14	14	14
Bethpage Energy Center	New York	50292	GT2	21	11	11	11	11	11
Bethpage Energy Center	New York	50292	GT3	10	6	6	6	6	6
Bethpage Energy Center	New York	50292	GT4	16	12	12	12	12	12
Binghamton Cogen Plant	New York	55600	1	3	3	3	3	3	3
Black River Generation, LLC	New York	10464	E0001	88	35	35	35	35	35
Black River Generation, LLC	New York	10464	E0002	89	37	37	37	37	37
Black River Generation, LLC	New York	10464	E0003	89	36	36	36	36	36
Bowline Generating Station	New York	2625	1	155	104	104	104	104	104
Bowline Generating Station	New York	2625	2	60	48	48	48	48	48
Brentwood	New York	7912	BW01	5	3	3	3	3	3
Brooklyn Navy Yard Cogeneration	New York	54914	1	41	15	15	15	15	15

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Brooklyn Navy Yard Cogeneration	New York	54914	2	41	14	14	14	14	14
Caithness Long Island Energy Center	New York	56234	0001	44	19	19	19	19	19
Carr Street Generating Station	New York	50978	A	4	3	3	3	3	3
Carr Street Generating Station	New York	50978	B	4	3	3	3	3	3
Carthage Energy	New York	10620	1	6	4	4	4	4	4
Castleton Power, LLC	New York	10190	1	66	32	32	32	32	32
Charles Poletti	New York	2491	001	951	488	488	488	488	488
Dynegy Danskammer	New York	2480	1	12	3	3	3	3	3
Dynegy Danskammer	New York	2480	2	10	4	4	4	4	4
Dynegy Danskammer	New York	2480	3	417	176	176	176	176	176
Dynegy Danskammer	New York	2480	4	716	295	295	295	295	295
Dynegy Roseton	New York	8006	1	138	77	77	77	77	77
Dynegy Roseton	New York	8006	2	193	83	83	83	83	83
E F Barrett	New York	2511	10	344	179	179	179	179	179
E F Barrett	New York	2511	20	302	162	162	162	162	162
E F Barrett	New York	2511	U00012	5	3	3	3	3	3
E F Barrett	New York	2511	U00013	5	3	3	3	3	3
E F Barrett	New York	2511	U00014	5	2	2	2	2	2
E F Barrett	New York	2511	U00015	5	2	2	2	2	2
E F Barrett	New York	2511	U00016	6	3	3	3	3	3
E F Barrett	New York	2511	U00017	6	3	3	3	3	3
E F Barrett	New York	2511	U00018	6	3	3	3	3	3
E F Barrett	New York	2511	U00019	6	3	3	3	3	3
East River	New York	2493	1	51	20	20	20	20	20
East River	New York	2493	2	53	22	22	22	22	22
East River	New York	2493	60	276	139	139	139	139	139
East River	New York	2493	70	260	135	135	135	135	135
Edgewood Energy	New York	55786	CT01	4	2	2	2	2	2
Edgewood Energy	New York	55786	CT02	4	2	2	2	2	2
Equus Power I	New York	56032	0001	17	15	15	15	15	15
Far Rockaway	New York	2513	40	117	79	79	79	79	79
Fortistar North Tonawanda Inc	New York	54131	NTCT1	11	4	4	4	4	4
Freeport Power Plant No. 2	New York	2679	5	24	3	3	3	3	3
Glenwood	New York	2514	40	70	58	58	58	58	58
Glenwood	New York	2514	50	62	47	47	47	47	47
Glenwood	New York	2514	U00020	1	1	1	1	1	1
Glenwood	New York	2514	U00021	2	1	1	1	1	1

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Glenwood Landing Energy Center	New York	7869	UGT012	5	3	3	3	3	3
Glenwood Landing Energy Center	New York	7869	UGT013	5	3	3	3	3	3
Harlem River Yard	New York	7914	HR01	5	3	3	3	3	3
Harlem River Yard	New York	7914	HR02	4	2	2	2	2	2
Hawkeye Energy Greenport, LLC	New York	55969	U-01	10	10	10	10	10	10
Hell Gate	New York	7913	HG01	6	3	3	3	3	3
Hell Gate	New York	7913	HG02	6	3	3	3	3	3
Hillburn	New York	2628	001	1	0	0	0	0	0
Holtsville Facility	New York	8007	U00001	2	1	1	1	1	1
Holtsville Facility	New York	8007	U00002	2	1	1	1	1	1
Holtsville Facility	New York	8007	U00003	2	1	1	1	1	1
Holtsville Facility	New York	8007	U00004	2	1	1	1	1	1
Holtsville Facility	New York	8007	U00005	2	1	1	1	1	1
Holtsville Facility	New York	8007	U00006	2	1	1	1	1	1
Holtsville Facility	New York	8007	U00007	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00008	2	2	2	2	2	2
Holtsville Facility	New York	8007	U00009	2	1	1	1	1	1
Holtsville Facility	New York	8007	U00010	2	1	1	1	1	1
Holtsville Facility	New York	8007	U00011	3	3	3	3	3	3
Holtsville Facility	New York	8007	U00012	3	3	3	3	3	3
Holtsville Facility	New York	8007	U00013	4	2	2	2	2	2
Holtsville Facility	New York	8007	U00014	4	2	2	2	2	2
Holtsville Facility	New York	8007	U00015	3	2	2	2	2	2
Holtsville Facility	New York	8007	U00016	3	2	2	2	2	2
Holtsville Facility	New York	8007	U00017	4	3	3	3	3	3
Holtsville Facility	New York	8007	U00018	4	3	3	3	3	3
Holtsville Facility	New York	8007	U00019	3	2	2	2	2	2
Holtsville Facility	New York	8007	U00020	3	2	2	2	2	2
Huntley Power	New York	2549	67	584	222	222	222	222	222
Huntley Power	New York	2549	68	569	259	259	259	259	259
Indeck-Corinth Energy Center	New York	50458	1	105	45	45	45	45	45
Indeck-Olean Energy Center	New York	54076	1	44	17	17	17	17	17
Indeck-Oswego Energy Center	New York	50450	1	6	2	2	2	2	2
Indeck-Silver Springs Energy Center	New York	50449	1	20	17	17	17	17	17
Indeck-Yerkes Energy Center	New York	50451	1	8	4	4	4	4	4
Independence	New York	54547	1	52	27	27	27	27	27
Independence	New York	54547	2	52	26	26	26	26	26

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Independence	New York	54547	3	57	28	28	28	28	28
Independence	New York	54547	4	51	26	26	26	26	26
KIAC Cogeneration	New York	54114	GT1	56	28	28	28	28	28
KIAC Cogeneration	New York	54114	GT2	56	25	25	25	25	25
Lockport	New York	54041	011854	53	31	31	31	31	31
Lockport	New York	54041	011855	60	29	29	29	29	29
Lockport	New York	54041	011856	68	29	29	29	29	29
Massena Energy Facility	New York	54592	001	3	1	1	1	1	1
NRG Dunkirk Power	New York	2554	1	292	118	118	118	118	118
NRG Dunkirk Power	New York	2554	2	310	134	134	134	134	134
NRG Dunkirk Power	New York	2554	3	516	214	214	214	214	214
NRG Dunkirk Power	New York	2554	4	486	215	215	215	215	215
Nassau Energy Corporation	New York	52056	00004	191	81	81	81	81	81
Niagara Generation, LLC	New York	50202	1	167	65	65	65	65	65
Nissequogue Cogen	New York	54149	1	149	60	60	60	60	60
North 1st	New York	7915	NO1	5	3	3	3	3	3
Northport	New York	2516	1	720	309	309	309	309	309
Northport	New York	2516	2	629	293	293	293	293	293
Northport	New York	2516	3	633	276	276	276	276	276
Northport	New York	2516	4	605	314	314	314	314	314
Oswego Harbor Power	New York	2594	5	48	18	18	18	18	18
Oswego Harbor Power	New York	2594	6	37	14	14	14	14	14
Pinelawn Power	New York	56188	00001	11	6	6	6	6	6
Poletti 500 MW CC	New York	56196	CTG7A	57	17	17	17	17	17
Poletti 500 MW CC	New York	56196	CTG7B	44	18	18	18	18	18
Port Jefferson Energy Center	New York	2517	3	270	122	122	122	122	122
Port Jefferson Energy Center	New York	2517	4	264	137	137	137	137	137
Port Jefferson Energy Center	New York	2517	UGT002	5	3	3	3	3	3
Port Jefferson Energy Center	New York	2517	UGT003	4	3	3	3	3	3
Pouch Terminal	New York	8053	PT01	7	4	4	4	4	4
Project Orange Facility	New York	54425	001	52	20	20	20	20	20
Project Orange Facility	New York	54425	002	69	31	31	31	31	31
Ravenswood Generating Station	New York	2500	10	379	256	256	256	256	256
Ravenswood Generating Station	New York	2500	20	291	165	165	165	165	165
Ravenswood Generating Station	New York	2500	30	721	493	493	493	493	493
Ravenswood Generating Station	New York	2500	CT02-1	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-2	2	2	2	2	2	2

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Ravenswood Generating Station	New York	2500	CT02-3	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-4	2	1	1	1	1	1
Ravenswood Generating Station	New York	2500	CT03-1	3	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-2	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-3	2	2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-4	2	1	1	1	1	1
Ravenswood Generating Station	New York	2500	UCC001	73	21	21	21	21	21
Rensselaer Cogen	New York	54034	1GTDBS	7	4	4	4	4	4
Richard M Flynn (Holtsville)	New York	7314	001	189	60	60	60	60	60
S A Carlson	New York	2682	10	14	4	4	4	4	4
S A Carlson	New York	2682	11	0	0	0	0	0	0
S A Carlson	New York	2682	12	56	23	23	23	23	23
S A Carlson	New York	2682	20	7	6	6	6	6	6
S A Carlson	New York	2682	9	45	14	14	14	14	14
Saranac Power Partners, LP	New York	54574	00001	130	56	56	56	56	56
Saranac Power Partners, LP	New York	54574	00002	132	56	56	56	56	56
Selkirk Cogen Partners	New York	10725	CTG101	247	108	108	108	108	108
Selkirk Cogen Partners	New York	10725	CTG201	86	41	41	41	41	41
Selkirk Cogen Partners	New York	10725	CTG301	78	40	40	40	40	40
Shoemaker	New York	2632	1	2	2	2	2	2	2
Shoreham Energy	New York	55787	CT01	3	2	2	2	2	2
Shoreham Energy	New York	55787	CT02	3	2	2	2	2	2
Sterling Power Plant	New York	50744	00001	4	3	3	3	3	3
Syracuse Energy Corporation	New York	50651	BLR1	60	26	26	26	26	26
Syracuse Energy Corporation	New York	50651	BLR2	61	26	26	26	26	26
Syracuse Energy Corporation	New York	50651	BLR3	57	24	24	24	24	24
Syracuse Energy Corporation	New York	50651	BLR4	41	18	18	18	18	18
Syracuse Energy Corporation	New York	50651	BLR5	43	19	19	19	19	19
Vernon Boulevard	New York	7909	VB01	3	2	2	2	2	2
Vernon Boulevard	New York	7909	VB02	4	2	2	2	2	2
WPS Beaver Falls Generation, LLC	New York	10617	1	7	6	6	6	6	6
WPS Syracuse Generation, LLC	New York	10621	1	10	6	6	6	6	6
Wading River Facility	New York	7146	UGT007	16	13	13	13	13	13
Wading River Facility	New York	7146	UGT008	17	13	13	13	13	13
Wading River Facility	New York	7146	UGT009	17	14	14	14	14	14
Wading River Facility	New York	7146	UGT013	2	1	1	1	1	1
West Babylon Facility	New York	2521	UGT001	1	1	1	1	1	1

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AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	0	0	0	0
Ashtabula	Ohio	2835	7	1,058	471	478	448	448	448
Avon Lake Power Plant	Ohio	2836	10	225	97	99	92	92	92
Avon Lake Power Plant	Ohio	2836	12	1,880	840	852	798	798	798
Avon Lake Power Plant	Ohio	2836	CT10	1	1	1	1	1	1
Bay Shore	Ohio	2878	1	949	393	393	393	393	393
Bay Shore	Ohio	2878	2	613	285	289	271	271	271
Bay Shore	Ohio	2878	3	637	289	293	274	274	274
Bay Shore	Ohio	2878	4	1,001	465	472	442	442	442
Cardinal	Ohio	2828	1	2,104	1,098	1,114	1,044	1,044	1,044
Cardinal	Ohio	2828	2	2,186	696	696	696	696	696
Cardinal	Ohio	2828	3	2,742	1,069	1,069	1,069	1,069	1,069
Conesville	Ohio	2840	3	444	207	209	196	196	196
Conesville	Ohio	2840	4	2,597	1,319	1,337	1,253	1,253	1,253
Conesville	Ohio	2840	5	1,784	851	863	809	809	809
Conesville	Ohio	2840	6	1,675	732	743	696	696	696
Darby Electric Generating Station	Ohio	55247	CT1	3	3	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT2	3	2	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT3	2	2	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT4	2	2	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT5	3	3	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT6	3	2	2	2	2	2
Dicks Creek Station	Ohio	2831	1	1	1	1	1	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	35	19	19	19	19	19
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	33	16	16	16	16	16
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	31	17	17	17	17	17
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	26	15	15	15	15	15
Duke Energy Washington, II LLC	Ohio	55397	CT1	27	13	13	13	13	13
Duke Energy Washington, II LLC	Ohio	55397	CT2	37	20	20	20	20	20
Eastlake	Ohio	2837	1	518	242	245	230	230	230
Eastlake	Ohio	2837	2	565	247	250	234	234	234
Eastlake	Ohio	2837	3	548	241	244	229	229	229
Eastlake	Ohio	2837	4	1,062	471	478	448	448	448
Eastlake	Ohio	2837	5	2,408	1,207	1,224	1,147	1,147	1,147
Eastlake	Ohio	2837	6	1	1	1	1	1	1

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Frank M Tait Station	Ohio	2847	1	5	5	5	4	4	4
Frank M Tait Station	Ohio	2847	2	5	4	4	4	4	4
Frank M Tait Station	Ohio	2847	3	5	3	3	3	3	3
Gen J M Gavin	Ohio	8102	1	6,222	2,702	2,741	2,568	2,568	2,568
Gen J M Gavin	Ohio	8102	2	6,125	2,594	2,594	2,594	2,594	2,594
Greenville Electric Gen Station	Ohio	55228	G1CT1	3	3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G1CT2	3	3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT1	3	3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT2	3	3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT1	3	3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT2	3	3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT1	3	3	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT2	3	3	3	3	3	3
Hamilton Municipal Power Plant	Ohio	2917	9	225	114	115	108	108	108
J M Stuart	Ohio	2850	1	2,481	1,197	1,214	1,138	1,138	1,138
J M Stuart	Ohio	2850	2	2,536	1,113	1,129	1,058	1,058	1,058
J M Stuart	Ohio	2850	3	2,517	1,162	1,179	1,104	1,104	1,104
J M Stuart	Ohio	2850	4	2,337	1,103	1,119	1,048	1,048	1,048
Killen Station	Ohio	6031	2	2,829	1,291	1,309	1,226	1,226	1,226
Kyger Creek	Ohio	2876	1	889	412	418	391	391	391
Kyger Creek	Ohio	2876	2	892	407	412	386	386	386
Kyger Creek	Ohio	2876	3	876	395	400	375	375	375
Kyger Creek	Ohio	2876	4	919	425	431	404	404	404
Kyger Creek	Ohio	2876	5	918	421	427	400	400	400
Lake Shore	Ohio	2838	18	770	347	352	330	330	330
Mad River	Ohio	2860	A	1	1	1	1	1	1
Mad River	Ohio	2860	B	1	1	1	1	1	1
Madison Generating Station	Ohio	55110	1	12	8	8	8	8	8
Madison Generating Station	Ohio	55110	2	14	9	9	9	9	9
Madison Generating Station	Ohio	55110	3	13	8	8	8	8	8
Madison Generating Station	Ohio	55110	4	13	8	8	8	8	8
Madison Generating Station	Ohio	55110	5	10	6	6	6	6	6
Madison Generating Station	Ohio	55110	6	10	6	6	6	6	6
Madison Generating Station	Ohio	55110	7	11	6	6	6	6	6
Madison Generating Station	Ohio	55110	8	10	7	7	7	7	7
Miami Fort Generating Station	Ohio	2832	6	685	309	314	294	294	294
Miami Fort Generating Station	Ohio	2832	7	2,462	1,103	1,119	1,048	1,048	1,048

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Miami Fort Generating Station	Ohio	2832	8	2,201	1,035	1,049	983	983	983
Muskingum River	Ohio	2872	1	688	285	289	271	271	271
Muskingum River	Ohio	2872	2	680	328	333	312	312	312
Muskingum River	Ohio	2872	3	704	298	302	283	283	283
Muskingum River	Ohio	2872	4	660	301	305	286	286	286
Muskingum River	Ohio	2872	5	2,352	988	1,002	939	939	939
Niles	Ohio	2861	1	404	167	169	158	158	158
Niles	Ohio	2861	2	281	136	138	130	130	130
Niles	Ohio	2861	CTA	0	0	0	0	0	0
O H Hutchings	Ohio	2848	H-1	9	4	4	3	3	3
O H Hutchings	Ohio	2848	H-2	9	5	6	5	5	5
O H Hutchings	Ohio	2848	H-3	76	37	38	35	35	35
O H Hutchings	Ohio	2848	H-4	93	42	43	40	40	40
O H Hutchings	Ohio	2848	H-5	88	46	47	44	44	44
O H Hutchings	Ohio	2848	H-6	87	44	45	42	42	42
O H Hutchings	Ohio	2848	H-7	0	0	0	0	0	0
Omega JV2 Bowling Green	Ohio	7783	P001	1	1	1	1	1	1
Omega JV2 Hamilton	Ohio	7782	P001	1	1	1	1	1	1
Picway	Ohio	2843	9	270	128	130	122	122	122
R E Burger	Ohio	2864	5	12	12	12	11	11	11
R E Burger	Ohio	2864	6	12	12	12	11	11	11
R E Burger	Ohio	2864	7	590	269	272	255	255	255
R E Burger	Ohio	2864	8	578	275	279	262	262	262
Richard Gorsuch	Ohio	7253	1	0	127	0	0	0	0
Richard Gorsuch	Ohio	7253	2	0	130	0	0	0	0
Richard Gorsuch	Ohio	7253	3	0	122	0	0	0	0
Richard Gorsuch	Ohio	7253	4	0	113	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG4	15	14	14	14	14	14
Richland Peaking Station	Ohio	2880	CTG5	15	14	14	14	14	14
Richland Peaking Station	Ohio	2880	CTG6	13	14	14	13	13	13
Robert P Mone	Ohio	7872	1	12	5	5	5	5	5
Robert P Mone	Ohio	7872	2	7	4	4	4	4	4
Robert P Mone	Ohio	7872	3	9	5	5	5	5	5
Rolling Hills Generating LLC	Ohio	55401	CT-1	3	3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-2	3	3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-3	3	3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-4	3	3	3	3	3	3

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2017 (tons)	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)
Rolling Hills Generating LLC	Ohio	55401	CT-5	3	3	3	3	3	3
Tait Electric Generating Station	Ohio	55248	CT4	5	4	4	4	4	4
Tait Electric Generating Station	Ohio	55248	CT5	5	4	4	4	4	4
Tait Electric Generating Station	Ohio	55248	CT6	4	3	3	3	3	3
Tait Electric Generating Station	Ohio	55248	CT7	5	4	4	4	4	4
Troy Energy, LLC	Ohio	55348	1	13	8	8	8	8	8
Troy Energy, LLC	Ohio	55348	2	9	7	7	7	7	7
Troy Energy, LLC	Ohio	55348	3	11	6	6	6	6	6
Troy Energy, LLC	Ohio	55348	4	8	7	7	7	7	7
W H Sammis	Ohio	2866	1	788	378	384	360	360	360
W H Sammis	Ohio	2866	2	789	360	365	342	342	342
W H Sammis	Ohio	2866	3	727	327	331	310	310	310
W H Sammis	Ohio	2866	4	684	327	332	311	311	311
W H Sammis	Ohio	2866	5	1,243	570	578	542	542	542
W H Sammis	Ohio	2866	6	2,758	1,312	1,331	1,247	1,247	1,247
W H Sammis	Ohio	2866	7	2,700	1,313	1,332	1,248	1,248	1,248
W H Zimmer Generating Station	Ohio	6019	1	5,581	2,387	2,421	2,268	2,268	2,268
Walter C Beckjord Generating Station	Ohio	2830	1	280	117	118	111	111	111
Walter C Beckjord Generating Station	Ohio	2830	2	288	131	133	124	124	124
Walter C Beckjord Generating Station	Ohio	2830	3	426	189	191	179	179	179
Walter C Beckjord Generating Station	Ohio	2830	4	606	260	264	247	247	247
Walter C Beckjord Generating Station	Ohio	2830	5	733	332	337	316	316	316
Walter C Beckjord Generating Station	Ohio	2830	6	1,617	741	751	704	704	704
Walter C Beckjord Generating Station	Ohio	2830	CT1	2	2	2	2	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT2	2	2	2	2	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT3	1	1	1	1	1	1
Walter C Beckjord Generating Station	Ohio	2830	CT4	1	1	1	1	1	1
Waterford Plant	Ohio	55503	1	29	24	24	24	24	24
Waterford Plant	Ohio	55503	2	55	27	27	27	27	27
Waterford Plant	Ohio	55503	3	33	33	33	33	33	33
West Lorain	Ohio	2869	1A	3	3	3	3	3	3
West Lorain	Ohio	2869	1B	3	3	3	3	3	3
West Lorain	Ohio	2869	2	7	4	4	4	4	4
West Lorain	Ohio	2869	3	6	3	3	3	3	3
West Lorain	Ohio	2869	4	5	3	3	3	3	3
West Lorain	Ohio	2869	5	6	2	2	2	2	2
West Lorain	Ohio	2869	6	5	2	2	2	2	2

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Woodsdale	Ohio	7158	**GT1	26	10	10	10	10	10
Woodsdale	Ohio	7158	**GT2	4	4	4	4	4	4
Woodsdale	Ohio	7158	**GT3	25	13	13	12	12	12
Woodsdale	Ohio	7158	**GT4	13	6	7	6	6	6
Woodsdale	Ohio	7158	**GT5	23	11	11	11	11	11
Woodsdale	Ohio	7158	**GT6	21	11	11	10	10	10
AES Shady Point	Oklahoma	10671	1A			220	220	220	220
AES Shady Point	Oklahoma	10671	1B			207	207	207	207
AES Shady Point	Oklahoma	10671	2A			204	204	204	204
AES Shady Point	Oklahoma	10671	2B			207	207	207	207
Anadarko	Oklahoma	3006	10			7	7	7	7
Anadarko	Oklahoma	3006	11			6	6	6	6
Anadarko	Oklahoma	3006	3			2	2	2	2
Anadarko	Oklahoma	3006	7			6	6	6	6
Anadarko	Oklahoma	3006	8			5	5	5	5
Anadarko	Oklahoma	3006	9			7	7	7	7
Anadarko Plant	Oklahoma	3006	4			157	157	157	157
Anadarko Plant	Oklahoma	3006	5			134	134	134	134
Anadarko Plant	Oklahoma	3006	6			129	129	129	129
Chouteau Power Plant	Oklahoma	7757	1			40	40	40	40
Chouteau Power Plant	Oklahoma	7757	2			38	38	38	38
Comanche (8059)	Oklahoma	8059	7251			207	207	207	207
Comanche (8059)	Oklahoma	8059	7252			233	233	233	233
Grand River Dam Authority	Oklahoma	165	1			1,261	1,261	1,261	1,261
Grand River Dam Authority	Oklahoma	165	2			1,585	1,585	1,585	1,585
Green Country Energy, LLC	Oklahoma	55146	CTGEN1			73	73	73	73
Green Country Energy, LLC	Oklahoma	55146	CTGEN2			66	66	66	66
Green Country Energy, LLC	Oklahoma	55146	CTGEN3			67	67	67	67
Horseshoe Lake	Oklahoma	2951	10			10	10	10	10
Horseshoe Lake	Oklahoma	2951	6			214	214	214	214
Horseshoe Lake	Oklahoma	2951	7			315	315	315	315
Horseshoe Lake	Oklahoma	2951	8			418	418	418	418
Horseshoe Lake	Oklahoma	2951	9			7	7	7	7
Hugo	Oklahoma	6772	1			1,243	1,243	1,243	1,243
McClain Energy Facility	Oklahoma	55457	CT1			74	74	74	74
McClain Energy Facility	Oklahoma	55457	CT2			79	79	79	79
Mooreland	Oklahoma	3008	1			5	5	5	5

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Mooreland	Oklahoma	3008	2			106	106	106	106
Mooreland	Oklahoma	3008	3			119	119	119	119
Muskogee	Oklahoma	2952	3			112	112	112	112
Muskogee	Oklahoma	2952	4			1,266	1,266	1,266	1,266
Muskogee	Oklahoma	2952	5			1,316	1,316	1,316	1,316
Muskogee	Oklahoma	2952	6			1,202	1,202	1,202	1,202
Mustang	Oklahoma	2953	1			23	23	23	23
Mustang	Oklahoma	2953	2			23	23	23	23
Mustang	Oklahoma	2953	3			127	127	127	127
Mustang	Oklahoma	2953	4			284	284	284	284
Mustang	Oklahoma	2953	5A			4	4	4	4
Mustang	Oklahoma	2953	5B			4	4	4	4
Northeastern	Oklahoma	2963	3301A			101	101	101	101
Northeastern	Oklahoma	2963	3301B			89	89	89	89
Northeastern	Oklahoma	2963	3302			646	646	646	646
Northeastern	Oklahoma	2963	3313			1,223	1,223	1,223	1,223
Northeastern	Oklahoma	2963	3314			1,234	1,234	1,234	1,234
Oneta Energy Center	Oklahoma	55225	CTG-1			63	63	63	63
Oneta Energy Center	Oklahoma	55225	CTG-2			64	64	64	64
Oneta Energy Center	Oklahoma	55225	CTG-3			237	237	237	237
Oneta Energy Center	Oklahoma	55225	CTG-4			245	245	245	245
Ponca	Oklahoma	762	2			1	1	1	1
Ponca	Oklahoma	762	3			25	25	25	25
Ponca	Oklahoma	762	4			12	12	12	12
PowerSmith Cogeneration Project	Oklahoma	50558	GT01			144	144	144	144
Redbud Power Plant	Oklahoma	55463	CT-01			33	33	33	33
Redbud Power Plant	Oklahoma	55463	CT-02			32	32	32	32
Redbud Power Plant	Oklahoma	55463	CT-03			26	26	26	26
Redbud Power Plant	Oklahoma	55463	CT-04			29	29	29	29
Riverside (4940)	Oklahoma	4940	1501			498	498	498	498
Riverside (4940)	Oklahoma	4940	1502			497	497	497	497
Riverside (4940)	Oklahoma	4940	1503			17	17	17	17
Riverside (4940)	Oklahoma	4940	1504			12	12	12	12
Seminole (2956)	Oklahoma	2956	1			506	506	506	506
Seminole (2956)	Oklahoma	2956	2			521	521	521	521
Seminole (2956)	Oklahoma	2956	3			518	518	518	518
Sooner	Oklahoma	6095	1			1,371	1,371	1,371	1,371

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2017 (tons)	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)
Sooner	Oklahoma	6095	2			1,252	1,252	1,252	1,252
Southwestern	Oklahoma	2964	8002			21	21	21	21
Southwestern	Oklahoma	2964	8003			350	350	350	350
Southwestern	Oklahoma	2964	8004			4	4	4	4
Southwestern	Oklahoma	2964	8005			4	4	4	4
Southwestern	Oklahoma	2964	801N			11	11	11	11
Southwestern	Oklahoma	2964	801S			11	11	11	11
Spring Creek Power Plant	Oklahoma	55651	CT-01			4	4	4	4
Spring Creek Power Plant	Oklahoma	55651	CT-02			14	14	14	14
Spring Creek Power Plant	Oklahoma	55651	CT-03			13	13	13	13
Spring Creek Power Plant	Oklahoma	55651	CT-04			16	16	16	16
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1			86	86	86	86
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2			82	82	82	82
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3			85	85	85	85
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4			82	82	82	82
Tulsa	Oklahoma	2965	1402			94	94	94	94
Tulsa	Oklahoma	2965	1403			39	39	39	39
Tulsa	Oklahoma	2965	1404			108	108	108	108
Weleetka	Oklahoma	2966	4			3	3	3	3
Weleetka	Oklahoma	2966	5			3	3	3	3
Weleetka	Oklahoma	2966	6			3	3	3	3
Broad River Energy Center	South Carolina	55166	CT-1						
Broad River Energy Center	South Carolina	55166	CT-2						
Broad River Energy Center	South Carolina	55166	CT-3						
Broad River Energy Center	South Carolina	55166	CT-4						
Broad River Energy Center	South Carolina	55166	CT-5						
Canadys Steam	South Carolina	3280	CAN1						
Canadys Steam	South Carolina	3280	CAN2						
Canadys Steam	South Carolina	3280	CAN3						
Cherokee County Cogen	South Carolina	55043	CCCP1						
Cogen South	South Carolina	7737	B001						
Columbia Energy Center (SC)	South Carolina	55386	CT-1						
Columbia Energy Center (SC)	South Carolina	55386	CT-2						
Cope Station	South Carolina	7210	COP1						
Cross	South Carolina	130	1						
Cross	South Carolina	130	2						
Cross	South Carolina	130	3						

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Cross	South Carolina	130	4						
Darlington County	South Carolina	3250	1						
Darlington County	South Carolina	3250	10						
Darlington County	South Carolina	3250	11						
Darlington County	South Carolina	3250	12						
Darlington County	South Carolina	3250	13						
Darlington County	South Carolina	3250	2						
Darlington County	South Carolina	3250	3						
Darlington County	South Carolina	3250	4						
Darlington County	South Carolina	3250	5						
Darlington County	South Carolina	3250	6						
Darlington County	South Carolina	3250	7						
Darlington County	South Carolina	3250	8						
Darlington County	South Carolina	3250	9						
Dolphus M Grainger	South Carolina	3317	1						
Dolphus M Grainger	South Carolina	3317	2						
H B Robinson	South Carolina	3251	1						
Hagood	South Carolina	3285	HAG4						
Hilton Head Gas Turbine Site	South Carolina	3318	CT1						
Hilton Head Gas Turbine Site	South Carolina	3318	CT2						
Hilton Head Gas Turbine Site	South Carolina	3318	CT3						
Jasper County Generating Facility	South Carolina	55927	CT01						
Jasper County Generating Facility	South Carolina	55927	CT02						
Jasper County Generating Facility	South Carolina	55927	CT03						
Jefferies	South Carolina	3319	1						
Jefferies	South Carolina	3319	2						
Jefferies	South Carolina	3319	3						
Jefferies	South Carolina	3319	4						
John S. Rainey Generating Station	South Carolina	7834	CT1A						
John S. Rainey Generating Station	South Carolina	7834	CT1B						
John S. Rainey Generating Station	South Carolina	7834	CT2A						
John S. Rainey Generating Station	South Carolina	7834	CT2B						
John S. Rainey Generating Station	South Carolina	7834	CT3						
John S. Rainey Generating Station	South Carolina	7834	CT4						
John S. Rainey Generating Station	South Carolina	7834	CT5						
McMeekin	South Carolina	3287	MCM1						
McMeekin	South Carolina	3287	MCM2						

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Mill Creek Combustion Turbine Sta	South Carolina	7981	1						
Mill Creek Combustion Turbine Sta	South Carolina	7981	2						
Mill Creek Combustion Turbine Sta	South Carolina	7981	3						
Mill Creek Combustion Turbine Sta	South Carolina	7981	4						
Mill Creek Combustion Turbine Sta	South Carolina	7981	5						
Mill Creek Combustion Turbine Sta	South Carolina	7981	6						
Mill Creek Combustion Turbine Sta	South Carolina	7981	7						
Mill Creek Combustion Turbine Sta	South Carolina	7981	8						
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3						
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4						
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5						
Urquhart	South Carolina	3295	URQ3						
Urquhart	South Carolina	3295	URQ4						
Urquhart	South Carolina	3295	URQ5						
Urquhart	South Carolina	3295	URQ6						
W S Lee	South Carolina	3264	1						
W S Lee	South Carolina	3264	2						
W S Lee	South Carolina	3264	3						
W S Lee	South Carolina	3264	7C						
W S Lee	South Carolina	3264	8C						
Wateree	South Carolina	3297	WAT1						
Wateree	South Carolina	3297	WAT2						
Williams	South Carolina	3298	WIL1						
Williams	South Carolina	3298	WIL4						
Williams	South Carolina	3298	WIL5						
Winyah	South Carolina	6249	1						
Winyah	South Carolina	6249	2						
Winyah	South Carolina	6249	3						
Winyah	South Carolina	6249	4						
AES Deepwater, Inc.	Texas	10670	01001	727	337	337	337	337	337
Air Products Port Arthur	Texas	55309	GEN1	104	51	51	51	51	51
Air Products Port Arthur	Texas	55309	GEN4	189	92	92	92	92	92
Alex Ty Cooke Generating Station	Texas	3602	1	42	34	34	34	34	34
Alex Ty Cooke Generating Station	Texas	3602	2	42	34	34	34	34	34
Barney M. Davis	Texas	4939	1	208	164	164	164	164	164
Barney M. Davis	Texas	4939	3	54	30	30	30	30	30
Barney M. Davis	Texas	4939	4	44	23	23	23	23	23

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2017 (tons)	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)
Bastrop Clean Energy Center	Texas	55168	CTG-1A	152	81	81	81	81	81
Bastrop Clean Energy Center	Texas	55168	CTG-1B	167	83	83	83	83	83
Bayou Cogeneration Plant	Texas	10298	CG801	102	47	47	47	47	47
Bayou Cogeneration Plant	Texas	10298	CG802	106	44	44	44	44	44
Bayou Cogeneration Plant	Texas	10298	CG803	104	45	45	45	45	45
Bayou Cogeneration Plant	Texas	10298	CG804	99	43	43	43	43	43
Baytown Energy Center	Texas	55327	CTG-1	99	50	50	50	50	50
Baytown Energy Center	Texas	55327	CTG-2	78	37	37	37	37	37
Baytown Energy Center	Texas	55327	CTG-3	82	36	36	36	36	36
Big Brown	Texas	3497	1	2,520	1,130	1,130	1,130	1,130	1,130
Big Brown	Texas	3497	2	2,545	1,096	1,096	1,096	1,096	1,096
Blackhawk Station	Texas	55064	001	388	107	107	107	107	107
Blackhawk Station	Texas	55064	002	259	112	112	112	112	112
Bosque County Power Plant	Texas	55172	GT-1	56	42	42	42	42	42
Bosque County Power Plant	Texas	55172	GT-2	63	49	49	49	49	49
Bosque County Power Plant	Texas	55172	GT-3	227	103	103	103	103	103
Brazos Valley Energy, LP	Texas	55357	CTG1	85	39	39	39	39	39
Brazos Valley Energy, LP	Texas	55357	CTG2	81	37	37	37	37	37
C E Newman	Texas	3574	BW5	3	3	3	3	3	3
C. R. Wing Cogeneration Plant	Texas	52176	1	132	100	100	100	100	100
C. R. Wing Cogeneration Plant	Texas	52176	2	135	108	108	108	108	108
Calpine Hidalgo Energy Center	Texas	7762	HRS1	223	97	97	97	97	97
Calpine Hidalgo Energy Center	Texas	7762	HRS2	173	89	89	89	89	89
Cedar Bayou	Texas	3460	CBY1	591	410	410	410	410	410
Cedar Bayou	Texas	3460	CBY2	560	384	384	384	384	384
Cedar Bayou 4	Texas	56806	CBY41	38	20	20	20	20	20
Cedar Bayou 4	Texas	56806	CBY42	41	15	15	15	15	15
Channel Energy Center	Texas	55299	CTG1	515	339	339	339	339	339
Channel Energy Center	Texas	55299	CTG2	150	88	88	88	88	88
Channelview Cogeneration Facility	Texas	55187	CHV1	81	36	36	36	36	36
Channelview Cogeneration Facility	Texas	55187	CHV2	77	37	37	37	37	37
Channelview Cogeneration Facility	Texas	55187	CHV3	88	38	38	38	38	38
Channelview Cogeneration Facility	Texas	55187	CHV4	82	37	37	37	37	37
Clear Lake Cogeneration	Texas	10741	G102	111	81	81	81	81	81
Clear Lake Cogeneration	Texas	10741	G103	108	78	78	78	78	78
Clear Lake Cogeneration	Texas	10741	G104	107	74	74	74	74	74
Coletto Creek	Texas	6178	1	2,693	1,178	1,178	1,178	1,178	1,178

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2017 (tons)	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)
Colorado Bend Energy Center	Texas	56350	CT1A	26	16	16	16	16	16
Colorado Bend Energy Center	Texas	56350	CT1B	23	12	12	12	12	12
Colorado Bend Energy Center	Texas	56350	CT2A	34	20	20	20	20	20
Colorado Bend Energy Center	Texas	56350	CT2B	35	20	20	20	20	20
Copper Station	Texas	9	CTG-1	13	9	9	9	9	9
Corpus Christi	Texas	50475	GEN1	209	108	108	108	108	108
Corpus Christi Energy Center	Texas	55206	CU1	218	91	91	91	91	91
Corpus Christi Energy Center	Texas	55206	CU2	217	95	95	95	95	95
Cottonwood Energy Project	Texas	55358	CT1	80	39	39	39	39	39
Cottonwood Energy Project	Texas	55358	CT2	73	38	38	38	38	38
Cottonwood Energy Project	Texas	55358	CT3	65	35	35	35	35	35
Cottonwood Energy Project	Texas	55358	CT4	67	34	34	34	34	34
Decker Creek	Texas	3548	1	378	252	252	252	252	252
Decker Creek	Texas	3548	2	406	284	284	284	284	284
Decker Creek	Texas	3548	GT-1A	5	2	2	2	2	2
Decker Creek	Texas	3548	GT-1B	5	2	2	2	2	2
Decker Creek	Texas	3548	GT-2A	6	3	3	3	3	3
Decker Creek	Texas	3548	GT-2B	6	3	3	3	3	3
Decker Creek	Texas	3548	GT-3A	7	4	4	4	4	4
Decker Creek	Texas	3548	GT-3B	7	4	4	4	4	4
Decker Creek	Texas	3548	GT-4A	6	4	4	4	4	4
Decker Creek	Texas	3548	GT-4B	6	4	4	4	4	4
Decordova	Texas	8063	1	171	170	170	170	170	170
Decordova	Texas	8063	CT1	7	4	4	4	4	4
Decordova	Texas	8063	CT2	6	3	3	3	3	3
Decordova	Texas	8063	CT3	6	4	4	4	4	4
Decordova	Texas	8063	CT4	6	4	4	4	4	4
Deer Park Energy Center	Texas	55464	CTG1	76	33	33	33	33	33
Deer Park Energy Center	Texas	55464	CTG2	70	28	28	28	28	28
Deer Park Energy Center	Texas	55464	CTG3	88	40	40	40	40	40
Deer Park Energy Center	Texas	55464	CTG4	70	28	28	28	28	28
EG178 Facility	Texas	56233	CT02	91	28	28	28	28	28
EG178 Facility	Texas	56233	CTG1	91	28	28	28	28	28
Eastman Cogeneration Facility	Texas	55176	1	151	83	83	83	83	83
Eastman Cogeneration Facility	Texas	55176	2	181	74	74	74	74	74
Ennis Power Company, LLC	Texas	55223	GT-1	234	88	88	88	88	88
Exelon Laporte Generating Station	Texas	55365	GT-1	12	8	8	8	8	8

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2017 (tons)	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)
Exelon Laporte Generating Station	Texas	55365	GT-2	12	7	7	7	7	7
Exelon Laporte Generating Station	Texas	55365	GT-3	11	7	7	7	7	7
Exelon Laporte Generating Station	Texas	55365	GT-4	11	7	7	7	7	7
ExxonMobil Beaumont Refinery	Texas	50625	33	96	48	48	48	48	48
ExxonMobil Beaumont Refinery	Texas	50625	34	89	38	38	38	38	38
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	200	68	68	68	68	68
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	140	68	68	68	68	68
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	135	54	54	54	54	54
FPLE Forney, LP	Texas	55480	U1	171	87	87	87	87	87
FPLE Forney, LP	Texas	55480	U2	176	85	85	85	85	85
FPLE Forney, LP	Texas	55480	U3	166	86	86	86	86	86
FPLE Forney, LP	Texas	55480	U4	178	88	88	88	88	88
FPLE Forney, LP	Texas	55480	U5	191	95	95	95	95	95
FPLE Forney, LP	Texas	55480	U6	172	90	90	90	90	90
Freestone Power Generation	Texas	55226	GT1	170	85	85	85	85	85
Freestone Power Generation	Texas	55226	GT2	177	87	87	87	87	87
Freestone Power Generation	Texas	55226	GT3	194	88	88	88	88	88
Freestone Power Generation	Texas	55226	GT4	172	81	81	81	81	81
Frontera Generation Facility	Texas	55098	1	201	99	99	99	99	99
Frontera Generation Facility	Texas	55098	2	187	117	117	117	117	117
Gibbons Creek Steam Electric Station	Texas	6136	1	1,878	842	842	842	842	842
Graham	Texas	3490	1	87	55	55	55	55	55
Graham	Texas	3490	2	305	186	186	186	186	186
Greens Bayou	Texas	3464	GBY5	137	100	100	100	100	100
Greens Bayou	Texas	3464	GBY73	9	6	6	6	6	6
Greens Bayou	Texas	3464	GBY74	10	7	7	7	7	7
Greens Bayou	Texas	3464	GBY81	10	7	7	7	7	7
Greens Bayou	Texas	3464	GBY82	10	6	6	6	6	6
Greens Bayou	Texas	3464	GBY83	12	7	7	7	7	7
Greens Bayou	Texas	3464	GBY84	11	6	6	6	6	6
Gregory Power Facility	Texas	55086	101	272	126	126	126	126	126
Gregory Power Facility	Texas	55086	102	262	102	102	102	102	102
Guadalupe Generating Station	Texas	55153	CTG-1	279	139	139	139	139	139
Guadalupe Generating Station	Texas	55153	CTG-2	401	229	229	229	229	229
Guadalupe Generating Station	Texas	55153	CTG-3	425	212	212	212	212	212
Guadalupe Generating Station	Texas	55153	CTG-4	337	135	135	135	135	135
H W Pirkey Power Plant	Texas	7902	1	2,641	1,210	1,210	1,210	1,210	1,210

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Handley Generating Station	Texas	3491	3	172	167	167	167	167	167
Handley Generating Station	Texas	3491	4	114	61	61	61	61	61
Handley Generating Station	Texas	3491	5	107	51	51	51	51	51
Hardin County Peaking Facility	Texas	56604	HCCT1	6	4	4	4	4	4
Hardin County Peaking Facility	Texas	56604	HCCT2	5	4	4	4	4	4
Harrington Station	Texas	6193	061B	1,594	679	679	679	679	679
Harrington Station	Texas	6193	062B	1,563	658	658	658	658	658
Harrington Station	Texas	6193	063B	1,503	648	648	648	648	648
Harrison County Power Project	Texas	55664	GT-1	47	25	25	25	25	25
Harrison County Power Project	Texas	55664	GT-2	78	77	77	77	77	77
Hays Energy Project	Texas	55144	STK1	63	35	35	35	35	35
Hays Energy Project	Texas	55144	STK2	64	34	34	34	34	34
Hays Energy Project	Texas	55144	STK3	103	49	49	49	49	49
Hays Energy Project	Texas	55144	STK4	233	114	114	114	114	114
J K Spruce	Texas	7097	**1	2,480	1,133	1,133	1,133	1,133	1,133
J K Spruce	Texas	7097	**2	560	455	455	455	455	455
J Robert Massengale Generating Station	Texas	3604	GT1	69	28	28	28	28	28
J T Deely	Texas	6181	1	1,835	872	872	872	872	872
J T Deely	Texas	6181	2	1,809	830	830	830	830	830
JCO Oxides Olefins Plant	Texas	54637	GCG1	153	76	76	76	76	76
JCO Oxides Olefins Plant	Texas	54637	GCG2	153	76	76	76	76	76
Jack County Generation Facility	Texas	55230	CT-1	114	47	47	47	47	47
Jack County Generation Facility	Texas	55230	CT-2	123	54	54	54	54	54
Johnson County Generation Facility	Texas	54817	EAST	215	93	93	93	93	93
Jones Station	Texas	3482	151B	550	270	270	270	270	270
Jones Station	Texas	3482	152B	584	276	276	276	276	276
Knox Lee Power Plant	Texas	3476	2	5	4	4	4	4	4
Knox Lee Power Plant	Texas	3476	3	5	5	5	5	5	5
Knox Lee Power Plant	Texas	3476	4	12	6	6	6	6	6
Knox Lee Power Plant	Texas	3476	5	244	127	127	127	127	127
Lake Creek	Texas	3502	1	5	5	5	5	5	5
Lake Creek	Texas	3502	2	51	42	42	42	42	42
Lake Hubbard	Texas	3452	1	114	83	83	83	83	83
Lake Hubbard	Texas	3452	2	124	40	40	40	40	40
Lamar Power (Paris)	Texas	55097	1	157	78	78	78	78	78
Lamar Power (Paris)	Texas	55097	2	159	88	88	88	88	88
Lamar Power (Paris)	Texas	55097	3	153	74	74	74	74	74

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2017 (tons)	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)
Lamar Power (Paris)	Texas	55097	4	178	82	82	82	82	82
Laredo	Texas	3439	4	11	7	7	7	7	7
Laredo	Texas	3439	5	11	7	7	7	7	7
Leon Creek	Texas	3609	3	3	3	3	3	3	3
Leon Creek	Texas	3609	4	6	6	6	6	6	6
Leon Creek	Texas	3609	CGT1	7	3	3	3	3	3
Leon Creek	Texas	3609	CGT2	6	3	3	3	3	3
Leon Creek	Texas	3609	CGT3	6	3	3	3	3	3
Leon Creek	Texas	3609	CGT4	6	3	3	3	3	3
Lewis Creek	Texas	3457	1	304	76	76	76	76	76
Lewis Creek	Texas	3457	2	350	89	89	89	89	89
Limestone	Texas	298	LIM1	3,593	1,549	1,549	1,549	1,549	1,549
Limestone	Texas	298	LIM2	3,656	1,653	1,653	1,653	1,653	1,653
Lone Star Power Plant	Texas	3477	1	9	8	8	8	8	8
Lost Pines 1	Texas	55154	1	105	48	48	48	48	48
Lost Pines 1	Texas	55154	2	106	50	50	50	50	50
Magic Valley Generating Station	Texas	55123	CTG-1	184	101	101	101	101	101
Magic Valley Generating Station	Texas	55123	CTG-2	200	113	113	113	113	113
Martin Lake	Texas	6146	1	3,576	1,552	1,552	1,552	1,552	1,552
Martin Lake	Texas	6146	2	3,444	1,627	1,627	1,627	1,627	1,627
Martin Lake	Texas	6146	3	3,639	1,597	1,597	1,597	1,597	1,597
Midlothian Energy	Texas	55091	STK1	54	28	28	28	28	28
Midlothian Energy	Texas	55091	STK2	52	28	28	28	28	28
Midlothian Energy	Texas	55091	STK3	45	28	28	28	28	28
Midlothian Energy	Texas	55091	STK4	54	28	28	28	28	28
Midlothian Energy	Texas	55091	STK5	71	38	38	38	38	38
Midlothian Energy	Texas	55091	STK6	71	36	36	36	36	36
Monticello	Texas	6147	1	2,557	1,057	1,057	1,057	1,057	1,057
Monticello	Texas	6147	2	2,616	1,085	1,085	1,085	1,085	1,085
Monticello	Texas	6147	3	3,633	1,545	1,545	1,545	1,545	1,545
Moore County Station	Texas	3483	3	52	46	46	46	46	46
Morgan Creek	Texas	3492	5	8	8	8	8	8	8
Morgan Creek	Texas	3492	6	0	0	0	0	0	0
Morgan Creek	Texas	3492	CT1	7	3	3	3	3	3
Morgan Creek	Texas	3492	CT2	8	3	3	3	3	3
Morgan Creek	Texas	3492	CT3	8	3	3	3	3	3
Morgan Creek	Texas	3492	CT4	6	2	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2017 (tons)	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)
Morgan Creek	Texas	3492	CT5	7	3	3	3	3	3
Morgan Creek	Texas	3492	CT6	6	3	3	3	3	3
Mountain Creek Generating Station	Texas	3453	6	25	23	23	23	23	23
Mountain Creek Generating Station	Texas	3453	7	25	23	23	23	23	23
Mountain Creek Generating Station	Texas	3453	8	60	51	51	51	51	51
Mustang Station	Texas	55065	1	352	123	123	123	123	123
Mustang Station	Texas	55065	2	290	115	115	115	115	115
Mustang Station Units 4 and 5	Texas	56326	GEN1	20	14	14	14	14	14
Mustang Station Units 4 and 5	Texas	56326	GEN2	17	11	11	11	11	11
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	195	98	98	98	98	98
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	195	98	98	98	98	98
New Gulf Power Facility	Texas	50137	1	12	9	9	9	9	9
Newman	Texas	3456	**4	294	140	140	140	140	140
Newman	Texas	3456	**5	282	138	138	138	138	138
Newman	Texas	3456	1	164	87	87	87	87	87
Newman	Texas	3456	2	200	102	102	102	102	102
Newman	Texas	3456	3	231	109	109	109	109	109
Newman	Texas	3456	GT-6A	19	17	17	17	17	17
Newman	Texas	3456	GT-6B	18	16	16	16	16	16
Nichols Station	Texas	3484	141B	149	82	82	82	82	82
Nichols Station	Texas	3484	142B	194	98	98	98	98	98
Nichols Station	Texas	3484	143B	372	186	186	186	186	186
Nueces Bay	Texas	3441	8	53	24	24	24	24	24
Nueces Bay	Texas	3441	9	52	23	23	23	23	23
O W Sommers	Texas	3611	1	518	274	274	274	274	274
O W Sommers	Texas	3611	2	401	250	250	250	250	250
Oak Grove	Texas	6180	1	1,543	898	898	898	898	898
Odessa-Ector Generating Station	Texas	55215	GT1	192	86	86	86	86	86
Odessa-Ector Generating Station	Texas	55215	GT2	172	74	74	74	74	74
Odessa-Ector Generating Station	Texas	55215	GT3	223	98	98	98	98	98
Odessa-Ector Generating Station	Texas	55215	GT4	197	93	93	93	93	93
Oklauion Power Station	Texas	127	1	2,292	1,054	1,054	1,054	1,054	1,054
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	349	147	147	147	147	147
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	348	152	152	152	152	152
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	279	123	123	123	123	123
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	282	129	129	129	129	129
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	286	128	128	128	128	128

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Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	146	58	58	58	58	58
Oyster Creek Unit VIII	Texas	54676	G81	259	108	108	108	108	108
Oyster Creek Unit VIII	Texas	54676	G82	259	108	108	108	108	108
Oyster Creek Unit VIII	Texas	54676	G83	259	108	108	108	108	108
Pampa Power Plant	Texas	7678	BL09A1	0	0	0	0	0	0
Pampa Power Plant	Texas	7678	BL10A1	0	0	0	0	0	0
Pampa Power Plant	Texas	7678	BL11A1	0	0	0	0	0	0
Paris Energy Center	Texas	50109	HRSG1	116	80	80	80	80	80
Paris Energy Center	Texas	50109	HRSG2	116	77	77	77	77	77
Pasadena Power Plant	Texas	55047	CG-1	150	63	63	63	63	63
Pasadena Power Plant	Texas	55047	CG-2	151	81	81	81	81	81
Pasadena Power Plant	Texas	55047	CG-3	167	136	136	136	136	136
Permian Basin	Texas	3494	5	33	19	19	19	19	19
Permian Basin	Texas	3494	6	281	179	179	179	179	179
Permian Basin	Texas	3494	CT1	12	6	6	6	6	6
Permian Basin	Texas	3494	CT2	13	7	7	7	7	7
Permian Basin	Texas	3494	CT3	9	4	4	4	4	4
Permian Basin	Texas	3494	CT4	11	7	7	7	7	7
Permian Basin	Texas	3494	CT5	8	5	5	5	5	5
Plant X	Texas	3485	111B	54	43	43	43	43	43
Plant X	Texas	3485	112B	109	62	62	62	62	62
Plant X	Texas	3485	113B	139	70	70	70	70	70
Plant X	Texas	3485	114B	466	226	226	226	226	226
Port Neches Plant	Texas	54748	G1	200	90	90	90	90	90
Power Lane Steam Plant	Texas	4195	2	8	6	6	6	6	6
Power Lane Steam Plant	Texas	4195	3	20	14	14	14	14	14
Quail Run Energy Center	Texas	56349	CT1A	24	16	16	16	16	16
Quail Run Energy Center	Texas	56349	CT1B	22	15	15	15	15	15
Quail Run Energy Center	Texas	56349	CT2A	23	16	16	16	16	16
Quail Run Energy Center	Texas	56349	CT2B	19	14	14	14	14	14
R W Miller	Texas	3628	**4	38	29	29	29	29	29
R W Miller	Texas	3628	**5	48	29	29	29	29	29
R W Miller	Texas	3628	1	30	29	29	29	29	29
R W Miller	Texas	3628	2	75	71	71	71	71	71
R W Miller	Texas	3628	3	204	146	146	146	146	146
Ray Olinger	Texas	3576	BW2	88	50	50	50	50	50
Ray Olinger	Texas	3576	BW3	51	46	46	46	46	46

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Ray Olinger	Texas	3576	CE1	41	29	29	29	29	29
Ray Olinger	Texas	3576	GE4	8	6	6	6	6	6
Rio Nogales Power Project, LP	Texas	55137	CTG-1	125	70	70	70	70	70
Rio Nogales Power Project, LP	Texas	55137	CTG-2	155	143	143	143	143	143
Rio Nogales Power Project, LP	Texas	55137	CTG-3	114	64	64	64	64	64
Roland C. Dansby Power Plant	Texas	6243	1	138	76	76	76	76	76
Roland C. Dansby Power Plant	Texas	6243	2	5	4	4	4	4	4
SRW Cogen Limited Partnership	Texas	55120	CTG-1	122	50	50	50	50	50
SRW Cogen Limited Partnership	Texas	55120	CTG-2	147	70	70	70	70	70
Sabine	Texas	3459	1	348	181	181	181	181	181
Sabine	Texas	3459	2	307	196	196	196	196	196
Sabine	Texas	3459	3	577	279	279	279	279	279
Sabine	Texas	3459	4	806	439	439	439	439	439
Sabine	Texas	3459	5	635	277	277	277	277	277
Sabine Cogeneration Facility	Texas	55104	SAB-1	34	14	14	14	14	14
Sabine Cogeneration Facility	Texas	55104	SAB-2	34	13	13	13	13	13
Sam Bertron	Texas	3468	SRB1	41	31	31	31	31	31
Sam Bertron	Texas	3468	SRB2	69	53	53	53	53	53
Sam Bertron	Texas	3468	SRB3	62	50	50	50	50	50
Sam Bertron	Texas	3468	SRB4	69	56	56	56	56	56
Sam Rayburn Plant	Texas	3631	CT7	14	7	7	7	7	7
Sam Rayburn Plant	Texas	3631	CT8	13	7	7	7	7	7
Sam Rayburn Plant	Texas	3631	CT9	14	7	7	7	7	7
Sam Seymour	Texas	6179	1	2,373	1,111	1,111	1,111	1,111	1,111
Sam Seymour	Texas	6179	2	2,385	1,116	1,116	1,116	1,116	1,116
Sam Seymour	Texas	6179	3	1,953	850	850	850	850	850
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	17	11	11	11	11	11
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	15	10	10	10	10	10
San Jacinto Steam Electric Station	Texas	7325	SJS1	141	52	52	52	52	52
San Jacinto Steam Electric Station	Texas	7325	SJS2	107	40	40	40	40	40
San Miguel	Texas	6183	SM-1	1,865	903	903	903	903	903
Sand Hill Energy Center	Texas	7900	SH1	32	7	7	7	7	7
Sand Hill Energy Center	Texas	7900	SH2	36	20	20	20	20	20
Sand Hill Energy Center	Texas	7900	SH3	34	18	18	18	18	18
Sand Hill Energy Center	Texas	7900	SH4	33	18	18	18	18	18
Sand Hill Energy Center	Texas	7900	SH5	112	51	51	51	51	51
Sandow	Texas	6648	4	2,489	1,077	1,077	1,077	1,077	1,077

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Sandow Station	Texas	52071	5A	525	321	321	321	321	321
Sandow Station	Texas	52071	5B	505	298	298	298	298	298
Silas Ray	Texas	3559	10	7	4	4	4	4	4
Silas Ray	Texas	3559	9	38	23	23	23	23	23
Sim Gideon	Texas	3601	1	72	46	46	46	46	46
Sim Gideon	Texas	3601	2	82	44	44	44	44	44
Sim Gideon	Texas	3601	3	465	225	225	225	225	225
South Houston Green Power Site	Texas	55470	EPN801	98	43	43	43	43	43
South Houston Green Power Site	Texas	55470	EPN802	92	41	41	41	41	41
South Houston Green Power Site	Texas	55470	EPN803	99	41	41	41	41	41
Spencer	Texas	4266	4	20	15	15	15	15	15
Spencer	Texas	4266	5	32	19	19	19	19	19
Stryker Creek	Texas	3504	1	33	26	26	26	26	26
Stryker Creek	Texas	3504	2	408	237	237	237	237	237
Sweeny Cogeneration Facility	Texas	55015	1	406	157	157	157	157	157
Sweeny Cogeneration Facility	Texas	55015	2	288	134	134	134	134	134
Sweeny Cogeneration Facility	Texas	55015	3	361	174	174	174	174	174
Sweeny Cogeneration Facility	Texas	55015	4	454	186	186	186	186	186
Sweetwater Generating Plant	Texas	50615	GT01	23	15	15	15	15	15
Sweetwater Generating Plant	Texas	50615	GT02	52	33	33	33	33	33
Sweetwater Generating Plant	Texas	50615	GT03	51	33	33	33	33	33
T C Ferguson Power Plant	Texas	4937	1	503	248	248	248	248	248
T H Wharton	Texas	3469	THW31	9	5	5	5	5	5
T H Wharton	Texas	3469	THW32	35	22	22	22	22	22
T H Wharton	Texas	3469	THW33	14	7	7	7	7	7
T H Wharton	Texas	3469	THW34	11	6	6	6	6	6
T H Wharton	Texas	3469	THW41	11	6	6	6	6	6
T H Wharton	Texas	3469	THW42	9	5	5	5	5	5
T H Wharton	Texas	3469	THW43	13	7	7	7	7	7
T H Wharton	Texas	3469	THW44	49	31	31	31	31	31
T H Wharton	Texas	3469	THW51	8	6	6	6	6	6
T H Wharton	Texas	3469	THW52	9	7	7	7	7	7
T H Wharton	Texas	3469	THW53	9	7	7	7	7	7
T H Wharton	Texas	3469	THW54	8	7	7	7	7	7
T H Wharton	Texas	3469	THW55	8	6	6	6	6	6
T H Wharton	Texas	3469	THW56	8	6	6	6	6	6
Tenaska Frontier Generation Station	Texas	55062	1	240	105	105	105	105	105

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Tenaska Frontier Generation Station	Texas	55062	2	252	114	114	114	114	114
Tenaska Frontier Generation Station	Texas	55062	3	226	105	105	105	105	105
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	153	73	73	73	73	73
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	149	82	82	82	82	82
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	162	76	76	76	76	76
Texas City Cogeneration	Texas	52088	GT-A	111	78	78	78	78	78
Texas City Cogeneration	Texas	52088	GT-B	126	59	59	59	59	59
Texas City Cogeneration	Texas	52088	GT-C	142	60	60	60	60	60
Texas Petrochemicals	Texas	50229	TPCBLR	686	296	296	296	296	296
Tolk Station	Texas	6194	171B	2,052	937	937	937	937	937
Tolk Station	Texas	6194	172B	2,100	893	893	893	893	893
Tradinghouse	Texas	3506	1	87	77	77	77	77	77
Tradinghouse	Texas	3506	2	203	184	184	184	184	184
Trinidad	Texas	3507	9	46	40	40	40	40	40
Twin Oaks	Texas	7030	U1	692	300	300	300	300	300
Twin Oaks	Texas	7030	U2	675	306	306	306	306	306
Union Carbide Seadrift Cogen	Texas	50150	GE11	137	61	61	61	61	61
Union Carbide Seadrift Cogen	Texas	50150	GEN6	137	61	61	61	61	61
Union Carbide Seadrift Cogen	Texas	50150	GEN8	137	61	61	61	61	61
V H Braunig	Texas	3612	1	128	83	83	83	83	83
V H Braunig	Texas	3612	2	91	64	64	64	64	64
V H Braunig	Texas	3612	3	389	256	256	256	256	256
V H Braunig	Texas	3612	CT01	119	64	64	64	64	64
V H Braunig	Texas	3612	CT02	109	59	59	59	59	59
Valley (TXU)	Texas	3508	1	34	26	26	26	26	26
Valley (TXU)	Texas	3508	2	141	139	139	139	139	139
Valley (TXU)	Texas	3508	3	79	57	57	57	57	57
Victoria Power Station	Texas	3443	9	60	43	43	43	43	43
W A Parish	Texas	3470	WAP1	44	37	37	37	37	37
W A Parish	Texas	3470	WAP2	48	39	39	39	39	39
W A Parish	Texas	3470	WAP3	74	62	62	62	62	62
W A Parish	Texas	3470	WAP4	414	268	268	268	268	268
W A Parish	Texas	3470	WAP5	1,967	635	635	635	635	635
W A Parish	Texas	3470	WAP6	1,460	745	745	745	745	745
W A Parish	Texas	3470	WAP7	2,276	1,047	1,047	1,047	1,047	1,047
W A Parish	Texas	3470	WAP8	2,644	1,058	1,058	1,058	1,058	1,058
W B Tuttle	Texas	3613	1	1	1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	NOx Annual Allocation 2017 (tons)	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)
W B Tuttle	Texas	3613	3	6	6	6	6	6	6
W B Tuttle	Texas	3613	4	6	5	5	5	5	5
Welsh Power Plant	Texas	6139	1	1,932	978	978	978	978	978
Welsh Power Plant	Texas	6139	2	2,097	953	953	953	953	953
Welsh Power Plant	Texas	6139	3	2,144	989	989	989	989	989
Wilkes Power Plant	Texas	3478	1	176	91	91	91	91	91
Wilkes Power Plant	Texas	3478	2	314	171	171	171	171	171
Wilkes Power Plant	Texas	3478	3	411	209	209	209	209	209
Winchester Power Park	Texas	56674	1	5	4	4	4	4	4
Winchester Power Park	Texas	56674	2	3	2	2	2	2	2
Winchester Power Park	Texas	56674	3	3	1	1	1	1	1
Winchester Power Park	Texas	56674	4	2	2	2	2	2	2
Wise County Power Company, LLC	Texas	55320	GT-1	131	59	59	59	59	59
Wise County Power Company, LLC	Texas	55320	GT-2	134	62	62	62	62	62
Wolf Hollow I, LP	Texas	55139	CTG1	238	128	128	128	128	128
Wolf Hollow I, LP	Texas	55139	CTG2	206	99	99	99	99	99

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Carl Bailey	Arkansas	202	01	26
Cecil Lynch	Arkansas	167	2	10
Cecil Lynch	Arkansas	167	3	44
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	12
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	11
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	13
Dell Power Plant	Arkansas	55340	1	15
Dell Power Plant	Arkansas	55340	2	14
Flint Creek Power Plant	Arkansas	6138	1	1,641
Fulton	Arkansas	7825	CT1	8
Hamilton Moses	Arkansas	168	1	4
Hamilton Moses	Arkansas	168	2	2
Harry D. Mattison Power Plant	Arkansas	56328	1	11
Harry D. Mattison Power Plant	Arkansas	56328	2	7
Harry D. Mattison Power Plant	Arkansas	56328	3	10
Harry D. Mattison Power Plant	Arkansas	56328	4	10
Harvey Couch	Arkansas	169	1	17
Harvey Couch	Arkansas	169	2	66
Hot Spring Energy Facility	Arkansas	55418	CT-1	28
Hot Spring Energy Facility	Arkansas	55418	CT-2	21
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	45
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	44
Independence	Arkansas	6641	1	2,892
Independence	Arkansas	6641	2	2,923
Lake Catherine	Arkansas	170	1	0
Lake Catherine	Arkansas	170	2	0
Lake Catherine	Arkansas	170	3	1
Lake Catherine	Arkansas	170	4	139
McClellan	Arkansas	203	01	132
Oswald Generating Station	Arkansas	55221	G1	17
Oswald Generating Station	Arkansas	55221	G2	14
Oswald Generating Station	Arkansas	55221	G3	16
Oswald Generating Station	Arkansas	55221	G4	14
Oswald Generating Station	Arkansas	55221	G5	14
Oswald Generating Station	Arkansas	55221	G6	18
Oswald Generating Station	Arkansas	55221	G7	19
Pine Bluff Energy Center	Arkansas	55075	CT-1	231

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Robert E Ritchie	Arkansas	173	2	0
Thomas Fitzhugh	Arkansas	201	2	78
Union Power Station	Arkansas	55380	CTG-1	31
Union Power Station	Arkansas	55380	CTG-2	34
Union Power Station	Arkansas	55380	CTG-3	32
Union Power Station	Arkansas	55380	CTG-4	28
Union Power Station	Arkansas	55380	CTG-5	31
Union Power Station	Arkansas	55380	CTG-6	31
Union Power Station	Arkansas	55380	CTG-7	33
Union Power Station	Arkansas	55380	CTG-8	34
White Bluff	Arkansas	6009	1	2,546
White Bluff	Arkansas	6009	2	2,534
AL Sandersville	Georgia	55672	CT1	2
AL Sandersville	Georgia	55672	CT2	1
AL Sandersville	Georgia	55672	CT3	2
AL Sandersville	Georgia	55672	CT4	1
AL Sandersville	Georgia	55672	CT5	2
AL Sandersville	Georgia	55672	CT6	2
AL Sandersville	Georgia	55672	CT7	1
AL Sandersville	Georgia	55672	CT8	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F	0
Baconton	Georgia	55304	CT1	16
Baconton	Georgia	55304	CT4	16
Baconton	Georgia	55304	CT5	17
Baconton	Georgia	55304	CT6	16
Bowen	Georgia	703	1BLR	646
Bowen	Georgia	703	2BLR	669
Bowen	Georgia	703	3BLR	850
Bowen	Georgia	703	4BLR	803
Bowen	Georgia	703	6A	0
Bowen	Georgia	703	6B	0
Chattahoochee Energy Facility	Georgia	7917	8A	25

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Chattahoochee Energy Facility	Georgia	7917	8B	23
Dahlberg (Jackson County)	Georgia	7765	1	3
Dahlberg (Jackson County)	Georgia	7765	10	7
Dahlberg (Jackson County)	Georgia	7765	2	3
Dahlberg (Jackson County)	Georgia	7765	3	3
Dahlberg (Jackson County)	Georgia	7765	4	13
Dahlberg (Jackson County)	Georgia	7765	5	2
Dahlberg (Jackson County)	Georgia	7765	6	9
Dahlberg (Jackson County)	Georgia	7765	7	2
Dahlberg (Jackson County)	Georgia	7765	8	3
Dahlberg (Jackson County)	Georgia	7765	9	12
Doyle Generating Facility	Georgia	55244	CTG-1	5
Doyle Generating Facility	Georgia	55244	CTG-2	7
Doyle Generating Facility	Georgia	55244	CTG-3	7
Doyle Generating Facility	Georgia	55244	CTG-4	9
Doyle Generating Facility	Georgia	55244	CTG-5	10
Effingham County Power, LLC	Georgia	55406	1	29
Effingham County Power, LLC	Georgia	55406	2	25
Hammond	Georgia	708	1	188
Hammond	Georgia	708	2	194
Hammond	Georgia	708	3	192
Hammond	Georgia	708	4	1,034
Harllee Branch	Georgia	709	1	489
Harllee Branch	Georgia	709	2	622
Harllee Branch	Georgia	709	3	1,019
Harllee Branch	Georgia	709	4	990
Hartwell Energy Facility	Georgia	70454	MAG1	54
Hartwell Energy Facility	Georgia	70454	MAG2	59
Hawk Road Energy Facility	Georgia	55141	CT1	34
Hawk Road Energy Facility	Georgia	55141	CT2	33
Hawk Road Energy Facility	Georgia	55141	CT3	14
Jack McDonough	Georgia	710	3AA	0
Jack McDonough	Georgia	710	3AB	0
Jack McDonough	Georgia	710	3BA	0
Jack McDonough	Georgia	710	3BB	0
Jack McDonough	Georgia	710	MB1	522
Jack McDonough	Georgia	710	MB2	538

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Kraft	Georgia	733	1	130
Kraft	Georgia	733	2	122
Kraft	Georgia	733	3	237
Kraft	Georgia	733	4	11
MPC Generating, LLC	Georgia	7764	1	5
MPC Generating, LLC	Georgia	7764	2	3
McIntosh (6124)	Georgia	6124	1	312
McIntosh (6124)	Georgia	6124	CT1	3
McIntosh (6124)	Georgia	6124	CT2	3
McIntosh (6124)	Georgia	6124	CT3	5
McIntosh (6124)	Georgia	6124	CT4	4
McIntosh (6124)	Georgia	6124	CT5	5
McIntosh (6124)	Georgia	6124	CT6	5
McIntosh (6124)	Georgia	6124	CT7	4
McIntosh (6124)	Georgia	6124	CT8	4
McIntosh Combined Cycle Facility	Georgia	56150	10A	23
McIntosh Combined Cycle Facility	Georgia	56150	10B	22
McIntosh Combined Cycle Facility	Georgia	56150	11A	24
McIntosh Combined Cycle Facility	Georgia	56150	11B	24
McManus	Georgia	715	1	4
McManus	Georgia	715	2	7
McManus	Georgia	715	3A	0
McManus	Georgia	715	3B	0
McManus	Georgia	715	3C	0
McManus	Georgia	715	4A	0
McManus	Georgia	715	4B	1
McManus	Georgia	715	4C	0
McManus	Georgia	715	4D	0
McManus	Georgia	715	4E	0
McManus	Georgia	715	4F	0
Mid-Georgia Cogeneration	Georgia	55040	1	14
Mid-Georgia Cogeneration	Georgia	55040	2	15
Mitchell (GA)	Georgia	727	3	209
Mitchell (GA)	Georgia	727	4AA	0
Mitchell (GA)	Georgia	727	4AB	0
Mitchell (GA)	Georgia	727	4BA	0
Mitchell (GA)	Georgia	727	4BB	0

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Mitchell (GA)	Georgia	727	4CA	0
Mitchell (GA)	Georgia	727	4CB	0
Murray Energy Facility	Georgia	55382	CCCT1	24
Murray Energy Facility	Georgia	55382	CCCT2	21
Murray Energy Facility	Georgia	55382	CCCT3	25
Murray Energy Facility	Georgia	55382	CCCT4	25
Robins	Georgia	7348	CT1	9
Robins	Georgia	7348	CT2	8
SEGCO Bainbridge	Georgia	56015	P1A	0
SEGCO Bainbridge	Georgia	56015	P1B	0
SEGCO Bainbridge	Georgia	56015	P2A	0
SEGCO Bainbridge	Georgia	56015	P2B	0
Scherer	Georgia	6257	1	2,051
Scherer	Georgia	6257	2	2,077
Scherer	Georgia	6257	3	2,081
Scherer	Georgia	6257	4	2,146
Sewell Creek Energy	Georgia	7813	1	3
Sewell Creek Energy	Georgia	7813	2	5
Sewell Creek Energy	Georgia	7813	3	44
Sewell Creek Energy	Georgia	7813	4	50
Smarr Energy Facility	Georgia	7829	1	18
Smarr Energy Facility	Georgia	7829	2	20
Sowega Power Project	Georgia	7768	CT2	8
Sowega Power Project	Georgia	7768	CT3	9
Talbot Energy Facility	Georgia	7916	1	9
Talbot Energy Facility	Georgia	7916	2	6
Talbot Energy Facility	Georgia	7916	3	7
Talbot Energy Facility	Georgia	7916	4	7
Talbot Energy Facility	Georgia	7916	5	7
Talbot Energy Facility	Georgia	7916	6	6
Tenaska Georgia Generating Station	Georgia	55061	CT1	3
Tenaska Georgia Generating Station	Georgia	55061	CT2	4
Tenaska Georgia Generating Station	Georgia	55061	CT3	7
Tenaska Georgia Generating Station	Georgia	55061	CT4	4
Tenaska Georgia Generating Station	Georgia	55061	CT5	4
Tenaska Georgia Generating Station	Georgia	55061	CT6	4
Walton County Power, LLC	Georgia	55128	T1	21

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Walton County Power, LLC	Georgia	55128	T2	26
Walton County Power, LLC	Georgia	55128	T3	21
Wansley (6052)	Georgia	6052	1	757
Wansley (6052)	Georgia	6052	2	776
Wansley (6052)	Georgia	6052	5A	0
Wansley (6052)	Georgia	6052	6A	32
Wansley (6052)	Georgia	6052	6B	28
Wansley (6052)	Georgia	6052	7A	49
Wansley (6052)	Georgia	6052	7B	27
Wansley (7946)	Georgia	7946	CT9A	23
Wansley (7946)	Georgia	7946	CT9B	23
Washington County Power, LLC	Georgia	55332	T1	8
Washington County Power, LLC	Georgia	55332	T2	12
Washington County Power, LLC	Georgia	55332	T3	11
Washington County Power, LLC	Georgia	55332	T4	8
West Georgia Generating Facility	Georgia	55267	1	12
West Georgia Generating Facility	Georgia	55267	2	12
West Georgia Generating Facility	Georgia	55267	3	12
West Georgia Generating Facility	Georgia	55267	4	8
Yates	Georgia	728	Y1BR	215
Yates	Georgia	728	Y2BR	204
Yates	Georgia	728	Y3BR	192
Yates	Georgia	728	Y4BR	239
Yates	Georgia	728	Y5BR	268
Yates	Georgia	728	Y6BR	735
Yates	Georgia	728	Y7BR	725
A B Brown Generating Station	Indiana	6137	1	
A B Brown Generating Station	Indiana	6137	2	
A B Brown Generating Station	Indiana	6137	3	
A B Brown Generating Station	Indiana	6137	4	
Alcoa Allowance Management Inc	Indiana	6705	4	
Anderson	Indiana	7336	ACT1	
Anderson	Indiana	7336	ACT2	
Anderson	Indiana	7336	ACT3	
Bailly Generating Station	Indiana	995	10	
Bailly Generating Station	Indiana	995	7	
Bailly Generating Station	Indiana	995	8	

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Broadway Avenue Generating Station	Indiana	1011	1	
Broadway Avenue Generating Station	Indiana	1011	2	
Cayuga	Indiana	1001	1	
Cayuga	Indiana	1001	2	
Cayuga	Indiana	1001	4	
Clifty Creek	Indiana	983	1	
Clifty Creek	Indiana	983	2	
Clifty Creek	Indiana	983	3	
Clifty Creek	Indiana	983	4	
Clifty Creek	Indiana	983	5	
Clifty Creek	Indiana	983	6	
Connersville Peaking Station	Indiana	1002	1A	
Connersville Peaking Station	Indiana	1002	1B	
Connersville Peaking Station	Indiana	1002	2A	
Connersville Peaking Station	Indiana	1002	2B	
Dean H Mitchell Generating Station	Indiana	996	11	
Dean H Mitchell Generating Station	Indiana	996	4	
Dean H Mitchell Generating Station	Indiana	996	5	
Dean H Mitchell Generating Station	Indiana	996	6	
Duke Energy Vermillion, II LLC	Indiana	55111	1	
Duke Energy Vermillion, II LLC	Indiana	55111	2	
Duke Energy Vermillion, II LLC	Indiana	55111	3	
Duke Energy Vermillion, II LLC	Indiana	55111	4	
Duke Energy Vermillion, II LLC	Indiana	55111	5	
Duke Energy Vermillion, II LLC	Indiana	55111	6	
Duke Energy Vermillion, II LLC	Indiana	55111	7	
Duke Energy Vermillion, II LLC	Indiana	55111	8	
Edwardsport	Indiana	1004	6-1	
Edwardsport	Indiana	1004	7-1	
Edwardsport	Indiana	1004	7-2	
Edwardsport	Indiana	1004	8-1	
F B Culley Generating Station	Indiana	1012	2	
F B Culley Generating Station	Indiana	1012	3	
Frank E Ratts	Indiana	1043	1SG1	
Frank E Ratts	Indiana	1043	2SG1	
Georgetown Substation	Indiana	7759	GT1	
Georgetown Substation	Indiana	7759	GT2	

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Georgetown Substation	Indiana	7759	GT3	
Georgetown Substation	Indiana	7759	GT4	
Gibson	Indiana	6113	1	
Gibson	Indiana	6113	2	
Gibson	Indiana	6113	3	
Gibson	Indiana	6113	4	
Gibson	Indiana	6113	5	
Harding Street Station (EW Stout)	Indiana	990	10	
Harding Street Station (EW Stout)	Indiana	990	50	
Harding Street Station (EW Stout)	Indiana	990	60	
Harding Street Station (EW Stout)	Indiana	990	70	
Harding Street Station (EW Stout)	Indiana	990	9	
Harding Street Station (EW Stout)	Indiana	990	GT4	
Harding Street Station (EW Stout)	Indiana	990	GT5	
Harding Street Station (EW Stout)	Indiana	990	GT6	
Henry County Generating Station	Indiana	7763	1	
Henry County Generating Station	Indiana	7763	2	
Henry County Generating Station	Indiana	7763	3	
Hoosier Energy Lawrence Co Station	Indiana	7948	1	
Hoosier Energy Lawrence Co Station	Indiana	7948	2	
Hoosier Energy Lawrence Co Station	Indiana	7948	3	
Hoosier Energy Lawrence Co Station	Indiana	7948	4	
Hoosier Energy Lawrence Co Station	Indiana	7948	5	
Hoosier Energy Lawrence Co Station	Indiana	7948	6	
IPL Eagle Valley Generating Station	Indiana	991	1	
IPL Eagle Valley Generating Station	Indiana	991	2	
IPL Eagle Valley Generating Station	Indiana	991	3	
IPL Eagle Valley Generating Station	Indiana	991	4	
IPL Eagle Valley Generating Station	Indiana	991	5	
IPL Eagle Valley Generating Station	Indiana	991	6	
Lawrenceburg Energy Facility	Indiana	55502	1	
Lawrenceburg Energy Facility	Indiana	55502	2	
Lawrenceburg Energy Facility	Indiana	55502	3	
Lawrenceburg Energy Facility	Indiana	55502	4	
Merom	Indiana	6213	1SG1	
Merom	Indiana	6213	2SG1	
Michigan City Generating Station	Indiana	997	12	

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Michigan City Generating Station	Indiana	997	4	
Michigan City Generating Station	Indiana	997	5	
Michigan City Generating Station	Indiana	997	6	
Montpelier Electric Gen Station	Indiana	55229	G1CT1	
Montpelier Electric Gen Station	Indiana	55229	G1CT2	
Montpelier Electric Gen Station	Indiana	55229	G2CT1	
Montpelier Electric Gen Station	Indiana	55229	G2CT2	
Montpelier Electric Gen Station	Indiana	55229	G3CT1	
Montpelier Electric Gen Station	Indiana	55229	G3CT2	
Montpelier Electric Gen Station	Indiana	55229	G4CT1	
Montpelier Electric Gen Station	Indiana	55229	G4CT2	
Noblesville	Indiana	1007	CT3	
Noblesville	Indiana	1007	CT4	
Noblesville	Indiana	1007	CT5	
Petersburg	Indiana	994	1	
Petersburg	Indiana	994	2	
Petersburg	Indiana	994	3	
Petersburg	Indiana	994	4	
Portside Energy	Indiana	55096	GT	
R Gallagher	Indiana	1008	1	
R Gallagher	Indiana	1008	2	
R Gallagher	Indiana	1008	3	
R Gallagher	Indiana	1008	4	
R M Schahfer Generating Station	Indiana	6085	14	
R M Schahfer Generating Station	Indiana	6085	15	
R M Schahfer Generating Station	Indiana	6085	16A	
R M Schahfer Generating Station	Indiana	6085	16B	
R M Schahfer Generating Station	Indiana	6085	17	
R M Schahfer Generating Station	Indiana	6085	18	
Richmond (IN)	Indiana	7335	RCT1	
Richmond (IN)	Indiana	7335	RCT2	
Rockport	Indiana	6166	MB1	
Rockport	Indiana	6166	MB2	
State Line Generating Station (IN)	Indiana	981	3	
State Line Generating Station (IN)	Indiana	981	4	
Sugar Creek Generating Station	Indiana	55364	CT11	
Sugar Creek Generating Station	Indiana	55364	CT12	

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Tanners Creek	Indiana	988	U1	
Tanners Creek	Indiana	988	U2	
Tanners Creek	Indiana	988	U3	
Tanners Creek	Indiana	988	U4	
Wabash River Gen Station	Indiana	1010	1	
Wabash River Gen Station	Indiana	1010	2	
Wabash River Gen Station	Indiana	1010	3	
Wabash River Gen Station	Indiana	1010	4	
Wabash River Gen Station	Indiana	1010	5	
Wabash River Gen Station	Indiana	1010	6	
Wheatland Generating Facility LLC	Indiana	55224	EU-01	
Wheatland Generating Facility LLC	Indiana	55224	EU-02	
Wheatland Generating Facility LLC	Indiana	55224	EU-03	
Wheatland Generating Facility LLC	Indiana	55224	EU-04	
Whitewater Valley	Indiana	1040	1	
Whitewater Valley	Indiana	1040	2	
Whiting Clean Energy, Inc.	Indiana	55259	CT1	
Whiting Clean Energy, Inc.	Indiana	55259	CT2	
Worthington Generation	Indiana	55148	1	
Worthington Generation	Indiana	55148	2	
Worthington Generation	Indiana	55148	3	
Worthington Generation	Indiana	55148	4	
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	
Chanute 2	Kansas	1268	14	
Cimarron River	Kansas	1230	1	
Clifton	Kansas	8037	T1	
Coffeyville	Kansas	1271	4	
East 12th Street	Kansas	7013	4	
Emporia Energy Center	Kansas	56502	EEC1	
Emporia Energy Center	Kansas	56502	EEC2	
Emporia Energy Center	Kansas	56502	EEC3	
Emporia Energy Center	Kansas	56502	EEC4	
Emporia Energy Center	Kansas	56502	EEC5	
Emporia Energy Center	Kansas	56502	EEC6	
Emporia Energy Center	Kansas	56502	EEC7	
Fort Dodge aka Judson Large	Kansas	1233	4	
Garden City	Kansas	1336	S-2	

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Garden City	Kansas	1336	S4	
Garden City	Kansas	1336	S5	
Gordon Evans Energy Center	Kansas	1240	1	
Gordon Evans Energy Center	Kansas	1240	2	
Gordon Evans Energy Center	Kansas	1240	E1CT	
Gordon Evans Energy Center	Kansas	1240	E2CT	
Gordon Evans Energy Center	Kansas	1240	E3CT	
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	
Holcomb	Kansas	108	SGU1	
Hutchinson Energy Center	Kansas	1248	4	
Hutchinson Energy Center	Kansas	1248	GT1	
Hutchinson Energy Center	Kansas	1248	GT2	
Hutchinson Energy Center	Kansas	1248	GT3	
Hutchinson Energy Center	Kansas	1248	GT4	
Jeffrey Energy Center	Kansas	6068	1	
Jeffrey Energy Center	Kansas	6068	2	
Jeffrey Energy Center	Kansas	6068	3	
La Cygne	Kansas	1241	1	
La Cygne	Kansas	1241	2	
Lawrence Energy Center	Kansas	1250	3	
Lawrence Energy Center	Kansas	1250	4	
Lawrence Energy Center	Kansas	1250	5	
McPherson 2	Kansas	1305	GT1	
McPherson 2	Kansas	1305	GT2	
McPherson 2	Kansas	1305	GT3	
McPherson 3	Kansas	7515	1	
Murray Gill Energy Center	Kansas	1242	1	
Murray Gill Energy Center	Kansas	1242	2	
Murray Gill Energy Center	Kansas	1242	3	
Murray Gill Energy Center	Kansas	1242	4	
Nearman Creek	Kansas	6064	CT4	
Nearman Creek	Kansas	6064	N1	
Neosho Energy Center	Kansas	1243	7	
Osawatomie Generating Station	Kansas	7928	1	
Quindaro	Kansas	1295	1	
Quindaro	Kansas	1295	2	
Quindaro	Kansas	1295	GT2	

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Quindaro	Kansas	1295	GT3	
Riverton	Kansas	1239	12	
Riverton	Kansas	1239	39	
Riverton	Kansas	1239	40	
Tecumseh Energy Center	Kansas	1252	10	
Tecumseh Energy Center	Kansas	1252	9	
West Gardner Generating Station	Kansas	7929	1	
West Gardner Generating Station	Kansas	7929	2	
West Gardner Generating Station	Kansas	7929	3	
West Gardner Generating Station	Kansas	7929	4	
Acadia Power Station	Louisiana	55173	CT1	34
Acadia Power Station	Louisiana	55173	CT2	54
Acadia Power Station	Louisiana	55173	CT3	44
Acadia Power Station	Louisiana	55173	CT4	40
Arsenal Hill Power Plant	Louisiana	1416	5A	68
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	4
Big Cajun 1	Louisiana	1464	1B1	5
Big Cajun 1	Louisiana	1464	1B2	0
Big Cajun 1	Louisiana	1464	CTG1	13
Big Cajun 1	Louisiana	1464	CTG2	16
Big Cajun 2	Louisiana	6055	2B1	1,384
Big Cajun 2	Louisiana	6055	2B2	1,362
Big Cajun 2	Louisiana	6055	2B3	1,354
Brame Energy Center	Louisiana	6190	1	300
Brame Energy Center	Louisiana	6190	2	1,102
Brame Energy Center	Louisiana	6190	3-1	140
Brame Energy Center	Louisiana	6190	3-2	154
Calcasieu Plant	Louisiana	55165	GTG1	26
Calcasieu Plant	Louisiana	55165	GTG2	36
Carville Energy Center	Louisiana	55404	COG01	78
Carville Energy Center	Louisiana	55404	COG02	85
Coughlin Power Station	Louisiana	1396	6-1	58
Coughlin Power Station	Louisiana	1396	7-1	81
Coughlin Power Station	Louisiana	1396	7-2	92

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
D G Hunter	Louisiana	6558	3	5
D G Hunter	Louisiana	6558	4	10
Doc Bonin	Louisiana	1443	1	7
Doc Bonin	Louisiana	1443	2	84
Doc Bonin	Louisiana	1443	3	93
Dolet Hills Power Station	Louisiana	51	1	1,524
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	22
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	17
Houma	Louisiana	1439	15	14
Houma	Louisiana	1439	16	18
Lieberman Power Plant	Louisiana	1417	3	40
Lieberman Power Plant	Louisiana	1417	4	39
Little Gypsy	Louisiana	1402	1	192
Little Gypsy	Louisiana	1402	2	299
Little Gypsy	Louisiana	1402	3	497
Louisiana 1	Louisiana	1391	1A	102
Louisiana 1	Louisiana	1391	2A	68
Louisiana 1	Louisiana	1391	3A	97
Louisiana 1	Louisiana	1391	4A	334
Louisiana 1	Louisiana	1391	5A	138
Michoud	Louisiana	1409	1	0
Michoud	Louisiana	1409	2	243
Michoud	Louisiana	1409	3	610
Morgan City Electrical Gen Facility	Louisiana	1449	4	50
Natchitoches	Louisiana	1450	10	1
Nelson Industrial Steam Company	Louisiana	50030	1A	210
Nelson Industrial Steam Company	Louisiana	50030	2A	295
Ninemile Point	Louisiana	1403	1	45
Ninemile Point	Louisiana	1403	2	24
Ninemile Point	Louisiana	1403	3	88
Ninemile Point	Louisiana	1403	4	918
Ninemile Point	Louisiana	1403	5	1,011
Ouachita Plant	Louisiana	55467	CTGEN1	24
Ouachita Plant	Louisiana	55467	CTGEN2	26
Ouachita Plant	Louisiana	55467	CTGEN3	28
Perryville Power Station	Louisiana	55620	1-1	33
Perryville Power Station	Louisiana	55620	1-2	33

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Perryville Power Station	Louisiana	55620	2-1	2
Plaquemine Cogen Facility	Louisiana	55419	500	50
Plaquemine Cogen Facility	Louisiana	55419	600	49
Plaquemine Cogen Facility	Louisiana	55419	700	46
Plaquemine Cogen Facility	Louisiana	55419	800	59
R S Cogen	Louisiana	55117	RS-5	163
R S Cogen	Louisiana	55117	RS-6	166
R S Nelson	Louisiana	1393	3	94
R S Nelson	Louisiana	1393	4	516
R S Nelson	Louisiana	1393	6	1,383
Sterlington	Louisiana	1404	10	0
Sterlington	Louisiana	1404	7AB	5
Sterlington	Louisiana	1404	7C	7
T J Labbe Electric Generating Station	Louisiana	56108	U-1	27
T J Labbe Electric Generating Station	Louisiana	56108	U-2	15
Taft Cogeneration Facility	Louisiana	55089	CT1	83
Taft Cogeneration Facility	Louisiana	55089	CT2	80
Taft Cogeneration Facility	Louisiana	55089	CT3	87
Teche Power Station	Louisiana	1400	2	3
Teche Power Station	Louisiana	1400	3	345
Waterford 1 & 2	Louisiana	8056	1	241
Waterford 1 & 2	Louisiana	8056	2	262
Waterford 1 & 2	Louisiana	8056	4	0
Willow Glen	Louisiana	1394	1	24
Willow Glen	Louisiana	1394	2	60
Willow Glen	Louisiana	1394	3	1
Willow Glen	Louisiana	1394	4	179
Willow Glen	Louisiana	1394	5	26
Attala Generating Plant	Mississippi	55220	A01	18
Attala Generating Plant	Mississippi	55220	A02	19
Batesville Generation Facility	Mississippi	55063	1	61
Batesville Generation Facility	Mississippi	55063	2	70
Batesville Generation Facility	Mississippi	55063	3	74
Baxter Wilson	Mississippi	2050	1	918
Baxter Wilson	Mississippi	2050	2	740
Caledonia	Mississippi	55197	AA-001	25
Caledonia	Mississippi	55197	AA-002	28

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Caledonia	Mississippi	55197	AA-003	26
Chevron Cogenerating Station	Mississippi	2047	5	113
Choctaw County Gen	Mississippi	55706	CTG1	12
Choctaw County Gen	Mississippi	55706	CTG2	16
Choctaw County Gen	Mississippi	55706	CTG3	16
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	37
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	35
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	3
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	1
Daniel Electric Generating Plant	Mississippi	6073	1	1,640
Daniel Electric Generating Plant	Mississippi	6073	2	1,623
Daniel Electric Generating Plant	Mississippi	6073	3A	21
Daniel Electric Generating Plant	Mississippi	6073	3B	21
Daniel Electric Generating Plant	Mississippi	6073	4A	20
Daniel Electric Generating Plant	Mississippi	6073	4B	18
Delta	Mississippi	2051	1	7
Delta	Mississippi	2051	2	5
Gerald Andrus	Mississippi	8054	1	1,014
Hinds Energy Facility	Mississippi	55218	H01	13
Hinds Energy Facility	Mississippi	55218	H02	14
Kemper County	Mississippi	7960	KCT1	8
Kemper County	Mississippi	7960	KCT2	7
Kemper County	Mississippi	7960	KCT3	6
Kemper County	Mississippi	7960	KCT4	6
Magnolia Facility	Mississippi	55451	CTG-1	24
Magnolia Facility	Mississippi	55451	CTG-2	23
Magnolia Facility	Mississippi	55451	CTG-3	28
Moselle Generating Plant	Mississippi	2070	**4	3
Moselle Generating Plant	Mississippi	2070	1	62
Moselle Generating Plant	Mississippi	2070	2	47
Moselle Generating Plant	Mississippi	2070	3	55
Moselle Generating Plant	Mississippi	2070	5	1
R D Morrow Senior Generating Plant	Mississippi	6061	1	673
R D Morrow Senior Generating Plant	Mississippi	6061	2	698
Red Hills Generation Facility	Mississippi	55076	AA001	657

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Red Hills Generation Facility	Mississippi	55076	AA002	653
Rex Brown	Mississippi	2053	3	11
Rex Brown	Mississippi	2053	4	185
Silver Creek Generating Plant	Mississippi	7988	1	5
Silver Creek Generating Plant	Mississippi	7988	2	9
Silver Creek Generating Plant	Mississippi	7988	3	8
Southaven Combined Cycle	Mississippi	55269	AA-001	29
Southaven Combined Cycle	Mississippi	55269	AA-002	32
Southaven Combined Cycle	Mississippi	55269	AA-003	75
Sweatt Electric Generating Plant	Mississippi	2048	1	5
Sweatt Electric Generating Plant	Mississippi	2048	2	5
Sweatt Electric Generating Plant	Mississippi	2048	CTA	0
Sweatt Electric Generating Plant	Mississippi	2048	CTB	0
Sylvarena Generating Plant	Mississippi	7989	1	13
Sylvarena Generating Plant	Mississippi	7989	2	19
Sylvarena Generating Plant	Mississippi	7989	3	21
Watson Electric Generating Plant	Mississippi	2049	1	7
Watson Electric Generating Plant	Mississippi	2049	2	8
Watson Electric Generating Plant	Mississippi	2049	3	9
Watson Electric Generating Plant	Mississippi	2049	4	691
Watson Electric Generating Plant	Mississippi	2049	5	1,487
Watson Electric Generating Plant	Mississippi	2049	CTA	0
Watson Electric Generating Plant	Mississippi	2049	CTB	0
Asbury	Missouri	2076	1	394
Audrain Power Plant	Missouri	55234	CT1	1
Audrain Power Plant	Missouri	55234	CT2	1
Audrain Power Plant	Missouri	55234	CT3	1
Audrain Power Plant	Missouri	55234	CT4	1
Audrain Power Plant	Missouri	55234	CT5	1
Audrain Power Plant	Missouri	55234	CT6	1
Audrain Power Plant	Missouri	55234	CT7	1
Audrain Power Plant	Missouri	55234	CT8	1
Blue Valley	Missouri	2132	3	65
Chamois Power Plant	Missouri	2169	2	101
Chillicothe	Missouri	2122	GT1A	0
Chillicothe	Missouri	2122	GT1B	0
Chillicothe	Missouri	2122	GT2A	0

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Chillicothe	Missouri	2122	GT2B	0
Columbia	Missouri	2123	6	18
Columbia	Missouri	2123	7	26
Columbia	Missouri	2123	8	0
Columbia Energy Center (MO)	Missouri	55447	CT01	1
Columbia Energy Center (MO)	Missouri	55447	CT02	1
Columbia Energy Center (MO)	Missouri	55447	CT03	1
Columbia Energy Center (MO)	Missouri	55447	CT04	0
Dogwood Energy Facility	Missouri	55178	CT-1	23
Dogwood Energy Facility	Missouri	55178	CT-2	18
Empire District Elec Co Energy Ctr	Missouri	6223	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	2	1
Empire District Elec Co Energy Ctr	Missouri	6223	3A	6
Empire District Elec Co Energy Ctr	Missouri	6223	3B	6
Empire District Elec Co Energy Ctr	Missouri	6223	4A	6
Empire District Elec Co Energy Ctr	Missouri	6223	4B	6
Essex Power Plant	Missouri	7749	1	7
Fairgrounds	Missouri	2082	CT01	0
Greenwood Energy Center	Missouri	6074	1	2
Greenwood Energy Center	Missouri	6074	2	2
Greenwood Energy Center	Missouri	6074	3	3
Greenwood Energy Center	Missouri	6074	4	3
Hawthorn	Missouri	2079	5A	1,082
Hawthorn	Missouri	2079	6	1
Hawthorn	Missouri	2079	7	6
Hawthorn	Missouri	2079	8	7
Hawthorn	Missouri	2079	9	21
Higginsville Municipal Power Plant	Missouri	2131	4A	0
Higginsville Municipal Power Plant	Missouri	2131	4B	0
Holden Power Plant	Missouri	7848	1	3
Holden Power Plant	Missouri	7848	2	4
Holden Power Plant	Missouri	7848	3	3
Howard Bend	Missouri	2102	CT1A	0
Howard Bend	Missouri	2102	CT1B	0
Iatan	Missouri	6065	1	1,374
James River	Missouri	2161	**GT1	6
James River	Missouri	2161	**GT2	12

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
James River	Missouri	2161	3	87
James River	Missouri	2161	4	102
James River	Missouri	2161	5	186
Labadie	Missouri	2103	1	986
Labadie	Missouri	2103	2	1,038
Labadie	Missouri	2103	3	1,115
Labadie	Missouri	2103	4	1,100
Lake Road	Missouri	2098	6	178
Lake Road	Missouri	2098	GT5	1
McCartney Generating Station	Missouri	7903	MGS1A	9
McCartney Generating Station	Missouri	7903	MGS1B	9
McCartney Generating Station	Missouri	7903	MGS2A	8
McCartney Generating Station	Missouri	7903	MGS2B	8
Meramec	Missouri	2104	1	255
Meramec	Missouri	2104	2	250
Meramec	Missouri	2104	3	483
Meramec	Missouri	2104	4	632
Meramec	Missouri	2104	CT01	0
Meramec	Missouri	2104	CT2A	0
Meramec	Missouri	2104	CT2B	0
Mexico	Missouri	6650	CT01	0
Moberly	Missouri	6651	CT01	0
Montrose	Missouri	2080	1	311
Montrose	Missouri	2080	2	295
Montrose	Missouri	2080	3	307
Moreau	Missouri	6652	CT01	0
New Madrid Power Plant	Missouri	2167	1	989
New Madrid Power Plant	Missouri	2167	2	994
Nodaway Power Plant	Missouri	7754	1	4
Nodaway Power Plant	Missouri	7754	2	5
Northeast Generating Station	Missouri	2081	11	0
Northeast Generating Station	Missouri	2081	12	0
Northeast Generating Station	Missouri	2081	13	0
Northeast Generating Station	Missouri	2081	14	0
Northeast Generating Station	Missouri	2081	15	0
Northeast Generating Station	Missouri	2081	16	0
Northeast Generating Station	Missouri	2081	17	0

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Northeast Generating Station	Missouri	2081	18	0
Peno Creek Energy Center	Missouri	7964	CT1A	8
Peno Creek Energy Center	Missouri	7964	CT1B	7
Peno Creek Energy Center	Missouri	7964	CT2A	7
Peno Creek Energy Center	Missouri	7964	CT2B	6
Peno Creek Energy Center	Missouri	7964	CT3A	7
Peno Creek Energy Center	Missouri	7964	CT3B	8
Peno Creek Energy Center	Missouri	7964	CT4A	8
Peno Creek Energy Center	Missouri	7964	CT4B	8
Ralph Green Station	Missouri	2092	3	1
Rush Island	Missouri	6155	1	885
Rush Island	Missouri	6155	2	916
Sibley	Missouri	2094	1	91
Sibley	Missouri	2094	2	94
Sibley	Missouri	2094	3	611
Sikeston	Missouri	6768	1	548
Sioux	Missouri	2107	1	773
Sioux	Missouri	2107	2	690
South Harper Peaking Facility	Missouri	56151	1	12
South Harper Peaking Facility	Missouri	56151	2	16
South Harper Peaking Facility	Missouri	56151	3	20
Southwest	Missouri	6195	1	351
Southwest	Missouri	6195	CT1A	1
Southwest	Missouri	6195	CT1B	1
Southwest	Missouri	6195	CT2A	1
Southwest	Missouri	6195	CT2B	1
St. Francis Power Plant	Missouri	7604	1	19
St. Francis Power Plant	Missouri	7604	2	18
State Line (MO)	Missouri	7296	1	5
State Line (MO)	Missouri	7296	2-1	28
State Line (MO)	Missouri	7296	2-2	29
Thomas Hill Energy Center	Missouri	2168	MB1	366
Thomas Hill Energy Center	Missouri	2168	MB2	557
Thomas Hill Energy Center	Missouri	2168	MB3	1,166
Viaduct	Missouri	2096	CT01	0
Beatrice	Nebraska	8000	1	
Beatrice	Nebraska	8000	2	

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
C W Burdick	Nebraska	2241	B-3	
C W Burdick	Nebraska	2241	GT-2	
C W Burdick	Nebraska	2241	GT-3	
Canaday	Nebraska	2226	1	
Cass County Station	Nebraska	55972	CT1	
Cass County Station	Nebraska	55972	CT2	
Gerald Gentleman Station	Nebraska	6077	1	
Gerald Gentleman Station	Nebraska	6077	2	
Gerald Whelan Energy Center	Nebraska	60	1	
Hallam	Nebraska	2265	1	
Hebron	Nebraska	2266	1	
J Street	Nebraska	2250	1	
Jones Street	Nebraska	2290	1	
Jones Street	Nebraska	2290	2	
Lon D Wright Power Plant	Nebraska	2240	50T	
Lon D Wright Power Plant	Nebraska	2240	8	
McCook	Nebraska	2271	1	
Nebraska City Station	Nebraska	6096	1	
Nebraska City Station	Nebraska	6096	2	
North Omaha Station	Nebraska	2291	1	
North Omaha Station	Nebraska	2291	2	
North Omaha Station	Nebraska	2291	3	
North Omaha Station	Nebraska	2291	4	
North Omaha Station	Nebraska	2291	5	
Platte	Nebraska	59	1	
Rokeby	Nebraska	6373	1	
Rokeby	Nebraska	6373	2	
Rokeby	Nebraska	6373	3	
Sarpy County	Nebraska	2292	1	
Sarpy County	Nebraska	2292	2	
Sarpy County Station	Nebraska	2292	CT3	
Sarpy County Station	Nebraska	2292	CT4A	
Sarpy County Station	Nebraska	2292	CT4B	
Sarpy County Station	Nebraska	2292	CT5A	
Sarpy County Station	Nebraska	2292	CT5B	
Sheldon	Nebraska	2277	1	
Sheldon	Nebraska	2277	2	

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Terry Bundy Generating Station	Nebraska	7887	SVGS2	
Terry Bundy Generating Station	Nebraska	7887	SVGS3	
Terry Bundy Generating Station	Nebraska	7887	SVGS4	
23rd and 3rd	New York	7910	2301	3
23rd and 3rd	New York	7910	2302	3
74th Street	New York	2504	120	15
74th Street	New York	2504	121	20
74th Street	New York	2504	122	15
AES Cayuga, LLC	New York	2535	1	216
AES Cayuga, LLC	New York	2535	2	204
AES Greenidge	New York	2527	4	9
AES Greenidge	New York	2527	5	9
AES Greenidge	New York	2527	6	119
AES Somerset (Kintigh)	New York	6082	1	926
AES Westover (Goudey)	New York	2526	13	83
AG - Energy	New York	10803	1	1
AG - Energy	New York	10803	2	0
Allegany Station No. 133	New York	10619	00001	9
Arthur Kill	New York	2490	20	200
Arthur Kill	New York	2490	30	208
Astoria Energy	New York	55375	CT1	35
Astoria Energy	New York	55375	CT2	37
Astoria Gas Turbine Power	New York	55243	CT2-1A	1
Astoria Gas Turbine Power	New York	55243	CT2-1B	1
Astoria Gas Turbine Power	New York	55243	CT2-2A	2
Astoria Gas Turbine Power	New York	55243	CT2-2B	2
Astoria Gas Turbine Power	New York	55243	CT2-3A	1
Astoria Gas Turbine Power	New York	55243	CT2-3B	1
Astoria Gas Turbine Power	New York	55243	CT2-4A	1
Astoria Gas Turbine Power	New York	55243	CT2-4B	1
Astoria Gas Turbine Power	New York	55243	CT3-1A	2
Astoria Gas Turbine Power	New York	55243	CT3-1B	2
Astoria Gas Turbine Power	New York	55243	CT3-2A	2
Astoria Gas Turbine Power	New York	55243	CT3-2B	2
Astoria Gas Turbine Power	New York	55243	CT3-3A	1
Astoria Gas Turbine Power	New York	55243	CT3-3B	1
Astoria Gas Turbine Power	New York	55243	CT3-4A	1

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Astoria Gas Turbine Power	New York	55243	CT3-4B	1
Astoria Gas Turbine Power	New York	55243	CT4-1A	2
Astoria Gas Turbine Power	New York	55243	CT4-1B	2
Astoria Gas Turbine Power	New York	55243	CT4-2A	1
Astoria Gas Turbine Power	New York	55243	CT4-2B	1
Astoria Gas Turbine Power	New York	55243	CT4-3A	1
Astoria Gas Turbine Power	New York	55243	CT4-3B	1
Astoria Gas Turbine Power	New York	55243	CT4-4A	2
Astoria Gas Turbine Power	New York	55243	CT4-4B	2
Astoria Generating Station	New York	8906	20	20
Astoria Generating Station	New York	8906	31RH	89
Astoria Generating Station	New York	8906	32SH	80
Astoria Generating Station	New York	8906	41SH	79
Astoria Generating Station	New York	8906	42RH	65
Astoria Generating Station	New York	8906	51RH	68
Astoria Generating Station	New York	8906	52SH	65
Athens Generating Company	New York	55405	1	50
Athens Generating Company	New York	55405	2	56
Athens Generating Company	New York	55405	3	50
Batavia Energy	New York	54593	1	8
Bayswater Peaking Facility	New York	55699	1	9
Bayswater Peaking Facility	New York	55699	2	6
Bethlehem Energy Center (Albany)	New York	2539	10001	21
Bethlehem Energy Center (Albany)	New York	2539	10002	16
Bethlehem Energy Center (Albany)	New York	2539	10003	18
Bethpage Energy Center	New York	50292	GT1	14
Bethpage Energy Center	New York	50292	GT2	11
Bethpage Energy Center	New York	50292	GT3	6
Bethpage Energy Center	New York	50292	GT4	12
Binghamton Cogen Plant	New York	55600	1	3
Black River Generation, LLC	New York	10464	E0001	35
Black River Generation, LLC	New York	10464	E0002	37
Black River Generation, LLC	New York	10464	E0003	36
Bowline Generating Station	New York	2625	1	104
Bowline Generating Station	New York	2625	2	48
Brentwood	New York	7912	BW01	3
Brooklyn Navy Yard Cogeneration	New York	54914	1	15

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Brooklyn Navy Yard Cogeneration	New York	54914	2	14
Caithness Long Island Energy Center	New York	56234	0001	19
Carr Street Generating Station	New York	50978	A	3
Carr Street Generating Station	New York	50978	B	3
Carthage Energy	New York	10620	1	4
Castleton Power, LLC	New York	10190	1	32
Charles Poletti	New York	2491	001	488
Dynegy Danskammer	New York	2480	1	3
Dynegy Danskammer	New York	2480	2	4
Dynegy Danskammer	New York	2480	3	176
Dynegy Danskammer	New York	2480	4	295
Dynegy Roseton	New York	8006	1	77
Dynegy Roseton	New York	8006	2	83
E F Barrett	New York	2511	10	179
E F Barrett	New York	2511	20	162
E F Barrett	New York	2511	U00012	3
E F Barrett	New York	2511	U00013	3
E F Barrett	New York	2511	U00014	2
E F Barrett	New York	2511	U00015	2
E F Barrett	New York	2511	U00016	3
E F Barrett	New York	2511	U00017	3
E F Barrett	New York	2511	U00018	3
E F Barrett	New York	2511	U00019	3
East River	New York	2493	1	20
East River	New York	2493	2	22
East River	New York	2493	60	139
East River	New York	2493	70	135
Edgewood Energy	New York	55786	CT01	2
Edgewood Energy	New York	55786	CT02	2
Equus Power I	New York	56032	0001	15
Far Rockaway	New York	2513	40	79
Fortistar North Tonawanda Inc	New York	54131	NTCT1	4
Freeport Power Plant No. 2	New York	2679	5	3
Glenwood	New York	2514	40	58
Glenwood	New York	2514	50	47
Glenwood	New York	2514	U00020	1
Glenwood	New York	2514	U00021	1

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Glenwood Landing Energy Center	New York	7869	UGT012	3
Glenwood Landing Energy Center	New York	7869	UGT013	3
Harlem River Yard	New York	7914	HR01	3
Harlem River Yard	New York	7914	HR02	2
Hawkeye Energy Greenport, LLC	New York	55969	U-01	10
Hell Gate	New York	7913	HG01	3
Hell Gate	New York	7913	HG02	3
Hillburn	New York	2628	001	0
Holtsville Facility	New York	8007	U00001	1
Holtsville Facility	New York	8007	U00002	1
Holtsville Facility	New York	8007	U00003	1
Holtsville Facility	New York	8007	U00004	1
Holtsville Facility	New York	8007	U00005	1
Holtsville Facility	New York	8007	U00006	1
Holtsville Facility	New York	8007	U00007	2
Holtsville Facility	New York	8007	U00008	2
Holtsville Facility	New York	8007	U00009	1
Holtsville Facility	New York	8007	U00010	1
Holtsville Facility	New York	8007	U00011	3
Holtsville Facility	New York	8007	U00012	3
Holtsville Facility	New York	8007	U00013	2
Holtsville Facility	New York	8007	U00014	2
Holtsville Facility	New York	8007	U00015	2
Holtsville Facility	New York	8007	U00016	2
Holtsville Facility	New York	8007	U00017	3
Holtsville Facility	New York	8007	U00018	3
Holtsville Facility	New York	8007	U00019	2
Holtsville Facility	New York	8007	U00020	2
Huntley Power	New York	2549	67	222
Huntley Power	New York	2549	68	259
Indeck-Corinth Energy Center	New York	50458	1	45
Indeck-Olean Energy Center	New York	54076	1	17
Indeck-Oswego Energy Center	New York	50450	1	2
Indeck-Silver Springs Energy Center	New York	50449	1	17
Indeck-Yerkes Energy Center	New York	50451	1	4
Independence	New York	54547	1	27
Independence	New York	54547	2	26

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Independence	New York	54547	3	28
Independence	New York	54547	4	26
KIAC Cogeneration	New York	54114	GT1	28
KIAC Cogeneration	New York	54114	GT2	25
Lockport	New York	54041	011854	31
Lockport	New York	54041	011855	29
Lockport	New York	54041	011856	29
Massena Energy Facility	New York	54592	001	1
NRG Dunkirk Power	New York	2554	1	118
NRG Dunkirk Power	New York	2554	2	134
NRG Dunkirk Power	New York	2554	3	214
NRG Dunkirk Power	New York	2554	4	215
Nassau Energy Corporation	New York	52056	00004	81
Niagara Generation, LLC	New York	50202	1	65
Nissequogue Cogen	New York	54149	1	60
North 1st	New York	7915	NO1	3
Northport	New York	2516	1	309
Northport	New York	2516	2	293
Northport	New York	2516	3	276
Northport	New York	2516	4	314
Oswego Harbor Power	New York	2594	5	18
Oswego Harbor Power	New York	2594	6	14
Pinelawn Power	New York	56188	00001	6
Poletti 500 MW CC	New York	56196	CTG7A	17
Poletti 500 MW CC	New York	56196	CTG7B	18
Port Jefferson Energy Center	New York	2517	3	122
Port Jefferson Energy Center	New York	2517	4	137
Port Jefferson Energy Center	New York	2517	UGT002	3
Port Jefferson Energy Center	New York	2517	UGT003	3
Pouch Terminal	New York	8053	PT01	4
Project Orange Facility	New York	54425	001	20
Project Orange Facility	New York	54425	002	31
Ravenswood Generating Station	New York	2500	10	256
Ravenswood Generating Station	New York	2500	20	165
Ravenswood Generating Station	New York	2500	30	493
Ravenswood Generating Station	New York	2500	CT02-1	2
Ravenswood Generating Station	New York	2500	CT02-2	2

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Ravenswood Generating Station	New York	2500	CT02-3	2
Ravenswood Generating Station	New York	2500	CT02-4	1
Ravenswood Generating Station	New York	2500	CT03-1	2
Ravenswood Generating Station	New York	2500	CT03-2	2
Ravenswood Generating Station	New York	2500	CT03-3	2
Ravenswood Generating Station	New York	2500	CT03-4	1
Ravenswood Generating Station	New York	2500	UCC001	21
Rensselaer Cogen	New York	54034	1GTDBS	4
Richard M Flynn (Holtsville)	New York	7314	001	60
S A Carlson	New York	2682	10	4
S A Carlson	New York	2682	11	0
S A Carlson	New York	2682	12	23
S A Carlson	New York	2682	20	6
S A Carlson	New York	2682	9	14
Saranac Power Partners, LP	New York	54574	00001	56
Saranac Power Partners, LP	New York	54574	00002	56
Selkirk Cogen Partners	New York	10725	CTG101	108
Selkirk Cogen Partners	New York	10725	CTG201	41
Selkirk Cogen Partners	New York	10725	CTG301	40
Shoemaker	New York	2632	1	2
Shoreham Energy	New York	55787	CT01	2
Shoreham Energy	New York	55787	CT02	2
Sterling Power Plant	New York	50744	00001	3
Syracuse Energy Corporation	New York	50651	BLR1	26
Syracuse Energy Corporation	New York	50651	BLR2	26
Syracuse Energy Corporation	New York	50651	BLR3	24
Syracuse Energy Corporation	New York	50651	BLR4	18
Syracuse Energy Corporation	New York	50651	BLR5	19
Vernon Boulevard	New York	7909	VB01	2
Vernon Boulevard	New York	7909	VB02	2
WPS Beaver Falls Generation, LLC	New York	10617	1	6
WPS Syracuse Generation, LLC	New York	10621	1	6
Wading River Facility	New York	7146	UGT007	13
Wading River Facility	New York	7146	UGT008	13
Wading River Facility	New York	7146	UGT009	14
Wading River Facility	New York	7146	UGT013	1
West Babylon Facility	New York	2521	UGT001	1

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0
Ashtabula	Ohio	2835	7	448
Avon Lake Power Plant	Ohio	2836	10	92
Avon Lake Power Plant	Ohio	2836	12	798
Avon Lake Power Plant	Ohio	2836	CT10	1
Bay Shore	Ohio	2878	1	393
Bay Shore	Ohio	2878	2	271
Bay Shore	Ohio	2878	3	274
Bay Shore	Ohio	2878	4	442
Cardinal	Ohio	2828	1	1,044
Cardinal	Ohio	2828	2	696
Cardinal	Ohio	2828	3	1,069
Conesville	Ohio	2840	3	196
Conesville	Ohio	2840	4	1,253
Conesville	Ohio	2840	5	809
Conesville	Ohio	2840	6	696
Darby Electric Generating Station	Ohio	55247	CT1	3
Darby Electric Generating Station	Ohio	55247	CT2	2
Darby Electric Generating Station	Ohio	55247	CT3	2
Darby Electric Generating Station	Ohio	55247	CT4	2
Darby Electric Generating Station	Ohio	55247	CT5	3
Darby Electric Generating Station	Ohio	55247	CT6	2
Dicks Creek Station	Ohio	2831	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	19
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	16
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	17
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	15
Duke Energy Washington, II LLC	Ohio	55397	CT1	13
Duke Energy Washington, II LLC	Ohio	55397	CT2	20
Eastlake	Ohio	2837	1	230
Eastlake	Ohio	2837	2	234
Eastlake	Ohio	2837	3	229
Eastlake	Ohio	2837	4	448
Eastlake	Ohio	2837	5	1,147
Eastlake	Ohio	2837	6	1

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Frank M Tait Station	Ohio	2847	1	4
Frank M Tait Station	Ohio	2847	2	4
Frank M Tait Station	Ohio	2847	3	3
Gen J M Gavin	Ohio	8102	1	2,568
Gen J M Gavin	Ohio	8102	2	2,594
Greenville Electric Gen Station	Ohio	55228	G1CT1	3
Greenville Electric Gen Station	Ohio	55228	G1CT2	3
Greenville Electric Gen Station	Ohio	55228	G2CT1	3
Greenville Electric Gen Station	Ohio	55228	G2CT2	3
Greenville Electric Gen Station	Ohio	55228	G3CT1	3
Greenville Electric Gen Station	Ohio	55228	G3CT2	3
Greenville Electric Gen Station	Ohio	55228	G4CT1	3
Greenville Electric Gen Station	Ohio	55228	G4CT2	3
Hamilton Municipal Power Plant	Ohio	2917	9	108
J M Stuart	Ohio	2850	1	1,138
J M Stuart	Ohio	2850	2	1,058
J M Stuart	Ohio	2850	3	1,104
J M Stuart	Ohio	2850	4	1,048
Killen Station	Ohio	6031	2	1,226
Kyger Creek	Ohio	2876	1	391
Kyger Creek	Ohio	2876	2	386
Kyger Creek	Ohio	2876	3	375
Kyger Creek	Ohio	2876	4	404
Kyger Creek	Ohio	2876	5	400
Lake Shore	Ohio	2838	18	330
Mad River	Ohio	2860	A	1
Mad River	Ohio	2860	B	1
Madison Generating Station	Ohio	55110	1	8
Madison Generating Station	Ohio	55110	2	9
Madison Generating Station	Ohio	55110	3	8
Madison Generating Station	Ohio	55110	4	8
Madison Generating Station	Ohio	55110	5	6
Madison Generating Station	Ohio	55110	6	6
Madison Generating Station	Ohio	55110	7	6
Madison Generating Station	Ohio	55110	8	7
Miami Fort Generating Station	Ohio	2832	6	294
Miami Fort Generating Station	Ohio	2832	7	1,048

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Miami Fort Generating Station	Ohio	2832	8	983
Muskingum River	Ohio	2872	1	271
Muskingum River	Ohio	2872	2	312
Muskingum River	Ohio	2872	3	283
Muskingum River	Ohio	2872	4	286
Muskingum River	Ohio	2872	5	939
Niles	Ohio	2861	1	158
Niles	Ohio	2861	2	130
Niles	Ohio	2861	CTA	0
O H Hutchings	Ohio	2848	H-1	3
O H Hutchings	Ohio	2848	H-2	5
O H Hutchings	Ohio	2848	H-3	35
O H Hutchings	Ohio	2848	H-4	40
O H Hutchings	Ohio	2848	H-5	44
O H Hutchings	Ohio	2848	H-6	42
O H Hutchings	Ohio	2848	H-7	0
Omega JV2 Bowling Green	Ohio	7783	P001	1
Omega JV2 Hamilton	Ohio	7782	P001	1
Picway	Ohio	2843	9	122
R E Burger	Ohio	2864	5	11
R E Burger	Ohio	2864	6	11
R E Burger	Ohio	2864	7	255
R E Burger	Ohio	2864	8	262
Richard Gorsuch	Ohio	7253	1	0
Richard Gorsuch	Ohio	7253	2	0
Richard Gorsuch	Ohio	7253	3	0
Richard Gorsuch	Ohio	7253	4	0
Richland Peaking Station	Ohio	2880	CTG4	14
Richland Peaking Station	Ohio	2880	CTG5	14
Richland Peaking Station	Ohio	2880	CTG6	13
Robert P Mone	Ohio	7872	1	5
Robert P Mone	Ohio	7872	2	4
Robert P Mone	Ohio	7872	3	5
Rolling Hills Generating LLC	Ohio	55401	CT-1	3
Rolling Hills Generating LLC	Ohio	55401	CT-2	3
Rolling Hills Generating LLC	Ohio	55401	CT-3	3
Rolling Hills Generating LLC	Ohio	55401	CT-4	3

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Rolling Hills Generating LLC	Ohio	55401	CT-5	3
Tait Electric Generating Station	Ohio	55248	CT4	4
Tait Electric Generating Station	Ohio	55248	CT5	4
Tait Electric Generating Station	Ohio	55248	CT6	3
Tait Electric Generating Station	Ohio	55248	CT7	4
Troy Energy, LLC	Ohio	55348	1	8
Troy Energy, LLC	Ohio	55348	2	7
Troy Energy, LLC	Ohio	55348	3	6
Troy Energy, LLC	Ohio	55348	4	7
W H Sammis	Ohio	2866	1	360
W H Sammis	Ohio	2866	2	342
W H Sammis	Ohio	2866	3	310
W H Sammis	Ohio	2866	4	311
W H Sammis	Ohio	2866	5	542
W H Sammis	Ohio	2866	6	1,247
W H Sammis	Ohio	2866	7	1,248
W H Zimmer Generating Station	Ohio	6019	1	2,268
Walter C Beckjord Generating Station	Ohio	2830	1	111
Walter C Beckjord Generating Station	Ohio	2830	2	124
Walter C Beckjord Generating Station	Ohio	2830	3	179
Walter C Beckjord Generating Station	Ohio	2830	4	247
Walter C Beckjord Generating Station	Ohio	2830	5	316
Walter C Beckjord Generating Station	Ohio	2830	6	704
Walter C Beckjord Generating Station	Ohio	2830	CT1	2
Walter C Beckjord Generating Station	Ohio	2830	CT2	2
Walter C Beckjord Generating Station	Ohio	2830	CT3	1
Walter C Beckjord Generating Station	Ohio	2830	CT4	1
Waterford Plant	Ohio	55503	1	24
Waterford Plant	Ohio	55503	2	27
Waterford Plant	Ohio	55503	3	33
West Lorain	Ohio	2869	1A	3
West Lorain	Ohio	2869	1B	3
West Lorain	Ohio	2869	2	4
West Lorain	Ohio	2869	3	3
West Lorain	Ohio	2869	4	3
West Lorain	Ohio	2869	5	2
West Lorain	Ohio	2869	6	2

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Woodsdale	Ohio	7158	**GT1	10
Woodsdale	Ohio	7158	**GT2	4
Woodsdale	Ohio	7158	**GT3	12
Woodsdale	Ohio	7158	**GT4	6
Woodsdale	Ohio	7158	**GT5	11
Woodsdale	Ohio	7158	**GT6	10
AES Shady Point	Oklahoma	10671	1A	220
AES Shady Point	Oklahoma	10671	1B	207
AES Shady Point	Oklahoma	10671	2A	204
AES Shady Point	Oklahoma	10671	2B	207
Anadarko	Oklahoma	3006	10	7
Anadarko	Oklahoma	3006	11	6
Anadarko	Oklahoma	3006	3	2
Anadarko	Oklahoma	3006	7	6
Anadarko	Oklahoma	3006	8	5
Anadarko	Oklahoma	3006	9	7
Anadarko Plant	Oklahoma	3006	4	157
Anadarko Plant	Oklahoma	3006	5	134
Anadarko Plant	Oklahoma	3006	6	129
Chouteau Power Plant	Oklahoma	7757	1	40
Chouteau Power Plant	Oklahoma	7757	2	38
Comanche (8059)	Oklahoma	8059	7251	207
Comanche (8059)	Oklahoma	8059	7252	233
Grand River Dam Authority	Oklahoma	165	1	1,261
Grand River Dam Authority	Oklahoma	165	2	1,585
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	73
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	66
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	67
Horseshoe Lake	Oklahoma	2951	10	10
Horseshoe Lake	Oklahoma	2951	6	214
Horseshoe Lake	Oklahoma	2951	7	315
Horseshoe Lake	Oklahoma	2951	8	418
Horseshoe Lake	Oklahoma	2951	9	7
Hugo	Oklahoma	6772	1	1,243
McClain Energy Facility	Oklahoma	55457	CT1	74
McClain Energy Facility	Oklahoma	55457	CT2	79
Mooreland	Oklahoma	3008	1	5

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Mooreland	Oklahoma	3008	2	106
Mooreland	Oklahoma	3008	3	119
Muskogee	Oklahoma	2952	3	112
Muskogee	Oklahoma	2952	4	1,266
Muskogee	Oklahoma	2952	5	1,316
Muskogee	Oklahoma	2952	6	1,202
Mustang	Oklahoma	2953	1	23
Mustang	Oklahoma	2953	2	23
Mustang	Oklahoma	2953	3	127
Mustang	Oklahoma	2953	4	284
Mustang	Oklahoma	2953	5A	4
Mustang	Oklahoma	2953	5B	4
Northeastern	Oklahoma	2963	3301A	101
Northeastern	Oklahoma	2963	3301B	89
Northeastern	Oklahoma	2963	3302	646
Northeastern	Oklahoma	2963	3313	1,223
Northeastern	Oklahoma	2963	3314	1,234
Oneta Energy Center	Oklahoma	55225	CTG-1	63
Oneta Energy Center	Oklahoma	55225	CTG-2	64
Oneta Energy Center	Oklahoma	55225	CTG-3	237
Oneta Energy Center	Oklahoma	55225	CTG-4	245
Ponca	Oklahoma	762	2	1
Ponca	Oklahoma	762	3	25
Ponca	Oklahoma	762	4	12
PowerSmith Cogeneration Project	Oklahoma	50558	GT01	144
Redbud Power Plant	Oklahoma	55463	CT-01	33
Redbud Power Plant	Oklahoma	55463	CT-02	32
Redbud Power Plant	Oklahoma	55463	CT-03	26
Redbud Power Plant	Oklahoma	55463	CT-04	29
Riverside (4940)	Oklahoma	4940	1501	498
Riverside (4940)	Oklahoma	4940	1502	497
Riverside (4940)	Oklahoma	4940	1503	17
Riverside (4940)	Oklahoma	4940	1504	12
Seminole (2956)	Oklahoma	2956	1	506
Seminole (2956)	Oklahoma	2956	2	521
Seminole (2956)	Oklahoma	2956	3	518
Sooner	Oklahoma	6095	1	1,371

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Sooner	Oklahoma	6095	2	1,252
Southwestern	Oklahoma	2964	8002	21
Southwestern	Oklahoma	2964	8003	350
Southwestern	Oklahoma	2964	8004	4
Southwestern	Oklahoma	2964	8005	4
Southwestern	Oklahoma	2964	801N	11
Southwestern	Oklahoma	2964	801S	11
Spring Creek Power Plant	Oklahoma	55651	CT-01	4
Spring Creek Power Plant	Oklahoma	55651	CT-02	14
Spring Creek Power Plant	Oklahoma	55651	CT-03	13
Spring Creek Power Plant	Oklahoma	55651	CT-04	16
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	86
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	82
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	85
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	82
Tulsa	Oklahoma	2965	1402	94
Tulsa	Oklahoma	2965	1403	39
Tulsa	Oklahoma	2965	1404	108
Weleetka	Oklahoma	2966	4	3
Weleetka	Oklahoma	2966	5	3
Weleetka	Oklahoma	2966	6	3
Broad River Energy Center	South Carolina	55166	CT-1	
Broad River Energy Center	South Carolina	55166	CT-2	
Broad River Energy Center	South Carolina	55166	CT-3	
Broad River Energy Center	South Carolina	55166	CT-4	
Broad River Energy Center	South Carolina	55166	CT-5	
Canadys Steam	South Carolina	3280	CAN1	
Canadys Steam	South Carolina	3280	CAN2	
Canadys Steam	South Carolina	3280	CAN3	
Cherokee County Cogen	South Carolina	55043	CCCP1	
Cogen South	South Carolina	7737	B001	
Columbia Energy Center (SC)	South Carolina	55386	CT-1	
Columbia Energy Center (SC)	South Carolina	55386	CT-2	
Cope Station	South Carolina	7210	COP1	
Cross	South Carolina	130	1	
Cross	South Carolina	130	2	
Cross	South Carolina	130	3	

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Cross	South Carolina	130	4	
Darlington County	South Carolina	3250	1	
Darlington County	South Carolina	3250	10	
Darlington County	South Carolina	3250	11	
Darlington County	South Carolina	3250	12	
Darlington County	South Carolina	3250	13	
Darlington County	South Carolina	3250	2	
Darlington County	South Carolina	3250	3	
Darlington County	South Carolina	3250	4	
Darlington County	South Carolina	3250	5	
Darlington County	South Carolina	3250	6	
Darlington County	South Carolina	3250	7	
Darlington County	South Carolina	3250	8	
Darlington County	South Carolina	3250	9	
Dolphus M Grainger	South Carolina	3317	1	
Dolphus M Grainger	South Carolina	3317	2	
H B Robinson	South Carolina	3251	1	
Hagood	South Carolina	3285	HAG4	
Hilton Head Gas Turbine Site	South Carolina	3318	CT1	
Hilton Head Gas Turbine Site	South Carolina	3318	CT2	
Hilton Head Gas Turbine Site	South Carolina	3318	CT3	
Jasper County Generating Facility	South Carolina	55927	CT01	
Jasper County Generating Facility	South Carolina	55927	CT02	
Jasper County Generating Facility	South Carolina	55927	CT03	
Jefferies	South Carolina	3319	1	
Jefferies	South Carolina	3319	2	
Jefferies	South Carolina	3319	3	
Jefferies	South Carolina	3319	4	
John S. Rainey Generating Station	South Carolina	7834	CT1A	
John S. Rainey Generating Station	South Carolina	7834	CT1B	
John S. Rainey Generating Station	South Carolina	7834	CT2A	
John S. Rainey Generating Station	South Carolina	7834	CT2B	
John S. Rainey Generating Station	South Carolina	7834	CT3	
John S. Rainey Generating Station	South Carolina	7834	CT4	
John S. Rainey Generating Station	South Carolina	7834	CT5	
McMeekin	South Carolina	3287	MCM1	
McMeekin	South Carolina	3287	MCM2	

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3	
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4	
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5	
Urquhart	South Carolina	3295	URQ3	
Urquhart	South Carolina	3295	URQ4	
Urquhart	South Carolina	3295	URQ5	
Urquhart	South Carolina	3295	URQ6	
W S Lee	South Carolina	3264	1	
W S Lee	South Carolina	3264	2	
W S Lee	South Carolina	3264	3	
W S Lee	South Carolina	3264	7C	
W S Lee	South Carolina	3264	8C	
Wateree	South Carolina	3297	WAT1	
Wateree	South Carolina	3297	WAT2	
Williams	South Carolina	3298	WIL1	
Williams	South Carolina	3298	WIL4	
Williams	South Carolina	3298	WIL5	
Winyah	South Carolina	6249	1	
Winyah	South Carolina	6249	2	
Winyah	South Carolina	6249	3	
Winyah	South Carolina	6249	4	
AES Deepwater, Inc.	Texas	10670	01001	337
Air Products Port Arthur	Texas	55309	GEN1	51
Air Products Port Arthur	Texas	55309	GEN4	92
Alex Ty Cooke Generating Station	Texas	3602	1	34
Alex Ty Cooke Generating Station	Texas	3602	2	34
Barney M. Davis	Texas	4939	1	164
Barney M. Davis	Texas	4939	3	30
Barney M. Davis	Texas	4939	4	23

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Bastrop Clean Energy Center	Texas	55168	CTG-1A	81
Bastrop Clean Energy Center	Texas	55168	CTG-1B	83
Bayou Cogeneration Plant	Texas	10298	CG801	47
Bayou Cogeneration Plant	Texas	10298	CG802	44
Bayou Cogeneration Plant	Texas	10298	CG803	45
Bayou Cogeneration Plant	Texas	10298	CG804	43
Baytown Energy Center	Texas	55327	CTG-1	50
Baytown Energy Center	Texas	55327	CTG-2	37
Baytown Energy Center	Texas	55327	CTG-3	36
Big Brown	Texas	3497	1	1,130
Big Brown	Texas	3497	2	1,096
Blackhawk Station	Texas	55064	001	107
Blackhawk Station	Texas	55064	002	112
Bosque County Power Plant	Texas	55172	GT-1	42
Bosque County Power Plant	Texas	55172	GT-2	49
Bosque County Power Plant	Texas	55172	GT-3	103
Brazos Valley Energy, LP	Texas	55357	CTG1	39
Brazos Valley Energy, LP	Texas	55357	CTG2	37
C E Newman	Texas	3574	BW5	3
C. R. Wing Cogeneration Plant	Texas	52176	1	100
C. R. Wing Cogeneration Plant	Texas	52176	2	108
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	97
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	89
Cedar Bayou	Texas	3460	CBY1	410
Cedar Bayou	Texas	3460	CBY2	384
Cedar Bayou 4	Texas	56806	CBY41	20
Cedar Bayou 4	Texas	56806	CBY42	15
Channel Energy Center	Texas	55299	CTG1	339
Channel Energy Center	Texas	55299	CTG2	88
Channelview Cogeneration Facility	Texas	55187	CHV1	36
Channelview Cogeneration Facility	Texas	55187	CHV2	37
Channelview Cogeneration Facility	Texas	55187	CHV3	38
Channelview Cogeneration Facility	Texas	55187	CHV4	37
Clear Lake Cogeneration	Texas	10741	G102	81
Clear Lake Cogeneration	Texas	10741	G103	78
Clear Lake Cogeneration	Texas	10741	G104	74
Coletto Creek	Texas	6178	1	1,178

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Colorado Bend Energy Center	Texas	56350	CT1A	16
Colorado Bend Energy Center	Texas	56350	CT1B	12
Colorado Bend Energy Center	Texas	56350	CT2A	20
Colorado Bend Energy Center	Texas	56350	CT2B	20
Copper Station	Texas	9	CTG-1	9
Corpus Christi	Texas	50475	GEN1	108
Corpus Christi Energy Center	Texas	55206	CU1	91
Corpus Christi Energy Center	Texas	55206	CU2	95
Cottonwood Energy Project	Texas	55358	CT1	39
Cottonwood Energy Project	Texas	55358	CT2	38
Cottonwood Energy Project	Texas	55358	CT3	35
Cottonwood Energy Project	Texas	55358	CT4	34
Decker Creek	Texas	3548	1	252
Decker Creek	Texas	3548	2	284
Decker Creek	Texas	3548	GT-1A	2
Decker Creek	Texas	3548	GT-1B	2
Decker Creek	Texas	3548	GT-2A	3
Decker Creek	Texas	3548	GT-2B	3
Decker Creek	Texas	3548	GT-3A	4
Decker Creek	Texas	3548	GT-3B	4
Decker Creek	Texas	3548	GT-4A	4
Decker Creek	Texas	3548	GT-4B	4
Decordova	Texas	8063	1	170
Decordova	Texas	8063	CT1	4
Decordova	Texas	8063	CT2	3
Decordova	Texas	8063	CT3	4
Decordova	Texas	8063	CT4	4
Deer Park Energy Center	Texas	55464	CTG1	33
Deer Park Energy Center	Texas	55464	CTG2	28
Deer Park Energy Center	Texas	55464	CTG3	40
Deer Park Energy Center	Texas	55464	CTG4	28
EG178 Facility	Texas	56233	CT02	28
EG178 Facility	Texas	56233	CTG1	28
Eastman Cogeneration Facility	Texas	55176	1	83
Eastman Cogeneration Facility	Texas	55176	2	74
Ennis Power Company, LLC	Texas	55223	GT-1	88
Exelon Laporte Generating Station	Texas	55365	GT-1	8

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Exelon Laporte Generating Station	Texas	55365	GT-2	7
Exelon Laporte Generating Station	Texas	55365	GT-3	7
Exelon Laporte Generating Station	Texas	55365	GT-4	7
ExxonMobil Beaumont Refinery	Texas	50625	33	48
ExxonMobil Beaumont Refinery	Texas	50625	34	38
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	68
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	68
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	54
FPLE Forney, LP	Texas	55480	U1	87
FPLE Forney, LP	Texas	55480	U2	85
FPLE Forney, LP	Texas	55480	U3	86
FPLE Forney, LP	Texas	55480	U4	88
FPLE Forney, LP	Texas	55480	U5	95
FPLE Forney, LP	Texas	55480	U6	90
Freestone Power Generation	Texas	55226	GT1	85
Freestone Power Generation	Texas	55226	GT2	87
Freestone Power Generation	Texas	55226	GT3	88
Freestone Power Generation	Texas	55226	GT4	81
Frontera Generation Facility	Texas	55098	1	99
Frontera Generation Facility	Texas	55098	2	117
Gibbons Creek Steam Electric Station	Texas	6136	1	842
Graham	Texas	3490	1	55
Graham	Texas	3490	2	186
Greens Bayou	Texas	3464	GBY5	100
Greens Bayou	Texas	3464	GBY73	6
Greens Bayou	Texas	3464	GBY74	7
Greens Bayou	Texas	3464	GBY81	7
Greens Bayou	Texas	3464	GBY82	6
Greens Bayou	Texas	3464	GBY83	7
Greens Bayou	Texas	3464	GBY84	6
Gregory Power Facility	Texas	55086	101	126
Gregory Power Facility	Texas	55086	102	102
Guadalupe Generating Station	Texas	55153	CTG-1	139
Guadalupe Generating Station	Texas	55153	CTG-2	229
Guadalupe Generating Station	Texas	55153	CTG-3	212
Guadalupe Generating Station	Texas	55153	CTG-4	135
H W Pirkey Power Plant	Texas	7902	1	1,210

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Handley Generating Station	Texas	3491	3	167
Handley Generating Station	Texas	3491	4	61
Handley Generating Station	Texas	3491	5	51
Hardin County Peaking Facility	Texas	56604	HCCT1	4
Hardin County Peaking Facility	Texas	56604	HCCT2	4
Harrington Station	Texas	6193	061B	679
Harrington Station	Texas	6193	062B	658
Harrington Station	Texas	6193	063B	648
Harrison County Power Project	Texas	55664	GT-1	25
Harrison County Power Project	Texas	55664	GT-2	77
Hays Energy Project	Texas	55144	STK1	35
Hays Energy Project	Texas	55144	STK2	34
Hays Energy Project	Texas	55144	STK3	49
Hays Energy Project	Texas	55144	STK4	114
J K Spruce	Texas	7097	**1	1,133
J K Spruce	Texas	7097	**2	455
J Robert Massengale Generating Station	Texas	3604	GT1	28
J T Deely	Texas	6181	1	872
J T Deely	Texas	6181	2	830
JCO Oxides Olefins Plant	Texas	54637	GCG1	76
JCO Oxides Olefins Plant	Texas	54637	GCG2	76
Jack County Generation Facility	Texas	55230	CT-1	47
Jack County Generation Facility	Texas	55230	CT-2	54
Johnson County Generation Facility	Texas	54817	EAST	93
Jones Station	Texas	3482	151B	270
Jones Station	Texas	3482	152B	276
Knox Lee Power Plant	Texas	3476	2	4
Knox Lee Power Plant	Texas	3476	3	5
Knox Lee Power Plant	Texas	3476	4	6
Knox Lee Power Plant	Texas	3476	5	127
Lake Creek	Texas	3502	1	5
Lake Creek	Texas	3502	2	42
Lake Hubbard	Texas	3452	1	83
Lake Hubbard	Texas	3452	2	40
Lamar Power (Paris)	Texas	55097	1	78
Lamar Power (Paris)	Texas	55097	2	88
Lamar Power (Paris)	Texas	55097	3	74

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Lamar Power (Paris)	Texas	55097	4	82
Laredo	Texas	3439	4	7
Laredo	Texas	3439	5	7
Leon Creek	Texas	3609	3	3
Leon Creek	Texas	3609	4	6
Leon Creek	Texas	3609	CGT1	3
Leon Creek	Texas	3609	CGT2	3
Leon Creek	Texas	3609	CGT3	3
Leon Creek	Texas	3609	CGT4	3
Lewis Creek	Texas	3457	1	76
Lewis Creek	Texas	3457	2	89
Limestone	Texas	298	LIM1	1,549
Limestone	Texas	298	LIM2	1,653
Lone Star Power Plant	Texas	3477	1	8
Lost Pines 1	Texas	55154	1	48
Lost Pines 1	Texas	55154	2	50
Magic Valley Generating Station	Texas	55123	CTG-1	101
Magic Valley Generating Station	Texas	55123	CTG-2	113
Martin Lake	Texas	6146	1	1,552
Martin Lake	Texas	6146	2	1,627
Martin Lake	Texas	6146	3	1,597
Midlothian Energy	Texas	55091	STK1	28
Midlothian Energy	Texas	55091	STK2	28
Midlothian Energy	Texas	55091	STK3	28
Midlothian Energy	Texas	55091	STK4	28
Midlothian Energy	Texas	55091	STK5	38
Midlothian Energy	Texas	55091	STK6	36
Monticello	Texas	6147	1	1,057
Monticello	Texas	6147	2	1,085
Monticello	Texas	6147	3	1,545
Moore County Station	Texas	3483	3	46
Morgan Creek	Texas	3492	5	8
Morgan Creek	Texas	3492	6	0
Morgan Creek	Texas	3492	CT1	3
Morgan Creek	Texas	3492	CT2	3
Morgan Creek	Texas	3492	CT3	3
Morgan Creek	Texas	3492	CT4	2

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Morgan Creek	Texas	3492	CT5	3
Morgan Creek	Texas	3492	CT6	3
Mountain Creek Generating Station	Texas	3453	6	23
Mountain Creek Generating Station	Texas	3453	7	23
Mountain Creek Generating Station	Texas	3453	8	51
Mustang Station	Texas	55065	1	123
Mustang Station	Texas	55065	2	115
Mustang Station Units 4 and 5	Texas	56326	GEN1	14
Mustang Station Units 4 and 5	Texas	56326	GEN2	11
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	98
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	98
New Gulf Power Facility	Texas	50137	1	9
Newman	Texas	3456	**4	140
Newman	Texas	3456	**5	138
Newman	Texas	3456	1	87
Newman	Texas	3456	2	102
Newman	Texas	3456	3	109
Newman	Texas	3456	GT-6A	17
Newman	Texas	3456	GT-6B	16
Nichols Station	Texas	3484	141B	82
Nichols Station	Texas	3484	142B	98
Nichols Station	Texas	3484	143B	186
Nueces Bay	Texas	3441	8	24
Nueces Bay	Texas	3441	9	23
O W Sommers	Texas	3611	1	274
O W Sommers	Texas	3611	2	250
Oak Grove	Texas	6180	1	898
Odessa-Ector Generating Station	Texas	55215	GT1	86
Odessa-Ector Generating Station	Texas	55215	GT2	74
Odessa-Ector Generating Station	Texas	55215	GT3	98
Odessa-Ector Generating Station	Texas	55215	GT4	93
Oklaunion Power Station	Texas	127	1	1,054
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	147
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	152
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	123
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	129
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	128

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	58
Oyster Creek Unit VIII	Texas	54676	G81	108
Oyster Creek Unit VIII	Texas	54676	G82	108
Oyster Creek Unit VIII	Texas	54676	G83	108
Pampa Power Plant	Texas	7678	BL09A1	0
Pampa Power Plant	Texas	7678	BL10A1	0
Pampa Power Plant	Texas	7678	BL11A1	0
Paris Energy Center	Texas	50109	HRSG1	80
Paris Energy Center	Texas	50109	HRSG2	77
Pasadena Power Plant	Texas	55047	CG-1	63
Pasadena Power Plant	Texas	55047	CG-2	81
Pasadena Power Plant	Texas	55047	CG-3	136
Permian Basin	Texas	3494	5	19
Permian Basin	Texas	3494	6	179
Permian Basin	Texas	3494	CT1	6
Permian Basin	Texas	3494	CT2	7
Permian Basin	Texas	3494	CT3	4
Permian Basin	Texas	3494	CT4	7
Permian Basin	Texas	3494	CT5	5
Plant X	Texas	3485	111B	43
Plant X	Texas	3485	112B	62
Plant X	Texas	3485	113B	70
Plant X	Texas	3485	114B	226
Port Neches Plant	Texas	54748	G1	90
Power Lane Steam Plant	Texas	4195	2	6
Power Lane Steam Plant	Texas	4195	3	14
Quail Run Energy Center	Texas	56349	CT1A	16
Quail Run Energy Center	Texas	56349	CT1B	15
Quail Run Energy Center	Texas	56349	CT2A	16
Quail Run Energy Center	Texas	56349	CT2B	14
R W Miller	Texas	3628	**4	29
R W Miller	Texas	3628	**5	29
R W Miller	Texas	3628	1	29
R W Miller	Texas	3628	2	71
R W Miller	Texas	3628	3	146
Ray Olinger	Texas	3576	BW2	50
Ray Olinger	Texas	3576	BW3	46

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Ray Olinger	Texas	3576	CE1	29
Ray Olinger	Texas	3576	GE4	6
Rio Nogales Power Project, LP	Texas	55137	CTG-1	70
Rio Nogales Power Project, LP	Texas	55137	CTG-2	143
Rio Nogales Power Project, LP	Texas	55137	CTG-3	64
Roland C. Dansby Power Plant	Texas	6243	1	76
Roland C. Dansby Power Plant	Texas	6243	2	4
SRW Cogen Limited Partnership	Texas	55120	CTG-1	50
SRW Cogen Limited Partnership	Texas	55120	CTG-2	70
Sabine	Texas	3459	1	181
Sabine	Texas	3459	2	196
Sabine	Texas	3459	3	279
Sabine	Texas	3459	4	439
Sabine	Texas	3459	5	277
Sabine Cogeneration Facility	Texas	55104	SAB-1	14
Sabine Cogeneration Facility	Texas	55104	SAB-2	13
Sam Bertron	Texas	3468	SRB1	31
Sam Bertron	Texas	3468	SRB2	53
Sam Bertron	Texas	3468	SRB3	50
Sam Bertron	Texas	3468	SRB4	56
Sam Rayburn Plant	Texas	3631	CT7	7
Sam Rayburn Plant	Texas	3631	CT8	7
Sam Rayburn Plant	Texas	3631	CT9	7
Sam Seymour	Texas	6179	1	1,111
Sam Seymour	Texas	6179	2	1,116
Sam Seymour	Texas	6179	3	850
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	11
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	10
San Jacinto Steam Electric Station	Texas	7325	SJS1	52
San Jacinto Steam Electric Station	Texas	7325	SJS2	40
San Miguel	Texas	6183	SM-1	903
Sand Hill Energy Center	Texas	7900	SH1	7
Sand Hill Energy Center	Texas	7900	SH2	20
Sand Hill Energy Center	Texas	7900	SH3	18
Sand Hill Energy Center	Texas	7900	SH4	18
Sand Hill Energy Center	Texas	7900	SH5	51
Sandow	Texas	6648	4	1,077

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Sandow Station	Texas	52071	5A	321
Sandow Station	Texas	52071	5B	298
Silas Ray	Texas	3559	10	4
Silas Ray	Texas	3559	9	23
Sim Gideon	Texas	3601	1	46
Sim Gideon	Texas	3601	2	44
Sim Gideon	Texas	3601	3	225
South Houston Green Power Site	Texas	55470	EPN801	43
South Houston Green Power Site	Texas	55470	EPN802	41
South Houston Green Power Site	Texas	55470	EPN803	41
Spencer	Texas	4266	4	15
Spencer	Texas	4266	5	19
Stryker Creek	Texas	3504	1	26
Stryker Creek	Texas	3504	2	237
Sweeny Cogeneration Facility	Texas	55015	1	157
Sweeny Cogeneration Facility	Texas	55015	2	134
Sweeny Cogeneration Facility	Texas	55015	3	174
Sweeny Cogeneration Facility	Texas	55015	4	186
Sweetwater Generating Plant	Texas	50615	GT01	15
Sweetwater Generating Plant	Texas	50615	GT02	33
Sweetwater Generating Plant	Texas	50615	GT03	33
T C Ferguson Power Plant	Texas	4937	1	248
T H Wharton	Texas	3469	THW31	5
T H Wharton	Texas	3469	THW32	22
T H Wharton	Texas	3469	THW33	7
T H Wharton	Texas	3469	THW34	6
T H Wharton	Texas	3469	THW41	6
T H Wharton	Texas	3469	THW42	5
T H Wharton	Texas	3469	THW43	7
T H Wharton	Texas	3469	THW44	31
T H Wharton	Texas	3469	THW51	6
T H Wharton	Texas	3469	THW52	7
T H Wharton	Texas	3469	THW53	7
T H Wharton	Texas	3469	THW54	7
T H Wharton	Texas	3469	THW55	6
T H Wharton	Texas	3469	THW56	6
Tenaska Frontier Generation Station	Texas	55062	1	105

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
Tenaska Frontier Generation Station	Texas	55062	2	114
Tenaska Frontier Generation Station	Texas	55062	3	105
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	73
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	82
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	76
Texas City Cogeneration	Texas	52088	GT-A	78
Texas City Cogeneration	Texas	52088	GT-B	59
Texas City Cogeneration	Texas	52088	GT-C	60
Texas Petrochemicals	Texas	50229	TPCBLR	296
Tolk Station	Texas	6194	171B	937
Tolk Station	Texas	6194	172B	893
Tradinghouse	Texas	3506	1	77
Tradinghouse	Texas	3506	2	184
Trinidad	Texas	3507	9	40
Twin Oaks	Texas	7030	U1	300
Twin Oaks	Texas	7030	U2	306
Union Carbide Seadrift Cogen	Texas	50150	GE11	61
Union Carbide Seadrift Cogen	Texas	50150	GEN6	61
Union Carbide Seadrift Cogen	Texas	50150	GEN8	61
V H Braunig	Texas	3612	1	83
V H Braunig	Texas	3612	2	64
V H Braunig	Texas	3612	3	256
V H Braunig	Texas	3612	CT01	64
V H Braunig	Texas	3612	CT02	59
Valley (TXU)	Texas	3508	1	26
Valley (TXU)	Texas	3508	2	139
Valley (TXU)	Texas	3508	3	57
Victoria Power Station	Texas	3443	9	43
W A Parish	Texas	3470	WAP1	37
W A Parish	Texas	3470	WAP2	39
W A Parish	Texas	3470	WAP3	62
W A Parish	Texas	3470	WAP4	268
W A Parish	Texas	3470	WAP5	635
W A Parish	Texas	3470	WAP6	745
W A Parish	Texas	3470	WAP7	1,047
W A Parish	Texas	3470	WAP8	1,058
W B Tuttle	Texas	3613	1	1

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2017 (tons)
W B Tuttle	Texas	3613	3	6
W B Tuttle	Texas	3613	4	5
Welsh Power Plant	Texas	6139	1	978
Welsh Power Plant	Texas	6139	2	953
Welsh Power Plant	Texas	6139	3	989
Wilkes Power Plant	Texas	3478	1	91
Wilkes Power Plant	Texas	3478	2	171
Wilkes Power Plant	Texas	3478	3	209
Winchester Power Park	Texas	56674	1	4
Winchester Power Park	Texas	56674	2	2
Winchester Power Park	Texas	56674	3	1
Winchester Power Park	Texas	56674	4	2
Wise County Power Company, LLC	Texas	55320	GT-1	59
Wise County Power Company, LLC	Texas	55320	GT-2	62
Wolf Hollow I, LP	Texas	55139	CTG1	128
Wolf Hollow I, LP	Texas	55139	CTG2	99

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Carl Bailey	Arkansas	202	01	111	305,418	110,987	187,864	213,573	432,445
Cecil Lynch	Arkansas	167	2	98	1,056	125,299	189,123		
Cecil Lynch	Arkansas	167	3	99	142,199	411,021	163,419	288,508	671,137
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	89827		112,676	44,208	46,246	272,743
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	89828		124,768	61,318	64,816	246,875
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	89829		120,852	84,253	89,433	284,573
Dell Power Plant	Arkansas	55340	1	4517		456,311	693,007	1,559,694	2,883,009
Dell Power Plant	Arkansas	55340	2	4518		681,214	859,646	1,248,031	2,697,751
Flint Creek Power Plant	Arkansas	6138	1	2800	37,415,631	38,281,500	36,963,054	29,012,386	36,889,222
Fulton	Arkansas	7825	CT1	3247	170,153	117,711	126,190	220,733	887,067
Hamilton Moses	Arkansas	168	1	100	282			39,562	
Hamilton Moses	Arkansas	168	2	101	103			25,216	
Harry D. Mattison Power Plant	Arkansas	56328	1	89740		33,418	309,804	135,509	602,579
Harry D. Mattison Power Plant	Arkansas	56328	2	89741		31,262	149,048	114,378	471,899
Harry D. Mattison Power Plant	Arkansas	56328	3	1869	16,491	459,486	343,154	83,941	190,479
Harry D. Mattison Power Plant	Arkansas	56328	4	1870	9,775	508,888	254,363	55,874	220,113
Harvey Couch	Arkansas	169	1	102	52,398	58,826	424,178		
Harvey Couch	Arkansas	169	2	103	405,762	377,760		661,794	1,009,952
Hot Spring Energy Facility	Arkansas	55418	CT-1	4705	3,358,260	3,626,138	5,316,515	5,950,738	2,737,738
Hot Spring Energy Facility	Arkansas	55418	CT-2	4706	3,844,788	4,236,175	5,133,144	6,976,078	3,165,840
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	9298	5,292,872	6,426,747	8,337,472	8,883,446	5,529,210
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	9299	5,650,940	5,652,344	6,508,095	10,919,106	7,905,119
Independence	Arkansas	6641	1	2898	60,749,539	66,889,312	61,850,227	53,166,394	63,712,504
Independence	Arkansas	6641	2	2899	60,955,662	68,018,354	57,116,401	64,649,132	55,125,638
Lake Catherine	Arkansas	170	1	104			10,939		125
Lake Catherine	Arkansas	170	2	105			3,086		2,704
Lake Catherine	Arkansas	170	3	106			11,510		1,432

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Carl Bailey	Arkansas	202	01	317,145	380,754,402	0.000833		
Cecil Lynch	Arkansas	167	2	105,159	380,754,402	0.000276		
Cecil Lynch	Arkansas	167	3	456,888	380,754,402	0.001200		
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	143,888	380,754,402	0.000378		
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	145,486	380,754,402	0.000382		
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	164,953	380,754,402	0.000433		
Dell Power Plant	Arkansas	55340	1	1,711,904	380,754,402	0.004496		
Dell Power Plant	Arkansas	55340	2	1,601,809	380,754,402	0.004207		
Flint Creek Power Plant	Arkansas	6138	1	37,553,395	380,754,402	0.098629		
Fulton	Arkansas	7825	CT1	425,984	380,754,402	0.001119		
Hamilton Moses	Arkansas	168	1	19,922	380,754,402	0.000052		
Hamilton Moses	Arkansas	168	2	12,659	380,754,402	0.000033		
Harry D. Mattison Power Plant	Arkansas	56328	1	349,297	380,754,402	0.000917		
Harry D. Mattison Power Plant	Arkansas	56328	2	245,108	380,754,402	0.000644		
Harry D. Mattison Power Plant	Arkansas	56328	3	331,040	380,754,402	0.000869		
Harry D. Mattison Power Plant	Arkansas	56328	4	327,788	380,754,402	0.000861		
Harvey Couch	Arkansas	169	1	178,467	380,754,402	0.000469		
Harvey Couch	Arkansas	169	2	692,503	380,754,402	0.001819		
Hot Spring Energy Facility	Arkansas	55418	CT-1	4,964,464	380,754,402	0.013038		
Hot Spring Energy Facility	Arkansas	55418	CT-2	5,448,466	380,754,402	0.014310		
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	7,882,555	380,754,402	0.020702		
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	8,444,107	380,754,402	0.022177		
Independence	Arkansas	6641	1	64,150,681	380,754,402	0.168483		
Independence	Arkansas	6641	2	64,541,049	380,754,402	0.169508		
Lake Catherine	Arkansas	170	1	5,532	380,754,402	0.000015		
Lake Catherine	Arkansas	170	2	2,895	380,754,402	0.000008		
Lake Catherine	Arkansas	170	3	6,471	380,754,402	0.000017		

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Carl Bailey	Arkansas	202	01						
Cecil Lynch	Arkansas	167	2						
Cecil Lynch	Arkansas	167	3						
City Water & Light - City of Jonesboro	Arkansas	56505	SN04						
City Water & Light - City of Jonesboro	Arkansas	56505	SN06						
City Water & Light - City of Jonesboro	Arkansas	56505	SN07						
Dell Power Plant	Arkansas	55340	1						
Dell Power Plant	Arkansas	55340	2						
Flint Creek Power Plant	Arkansas	6138	1						
Fulton	Arkansas	7825	CT1						
Hamilton Moses	Arkansas	168	1						
Hamilton Moses	Arkansas	168	2						
Harry D. Mattison Power Plant	Arkansas	56328	1						
Harry D. Mattison Power Plant	Arkansas	56328	2						
Harry D. Mattison Power Plant	Arkansas	56328	3						
Harry D. Mattison Power Plant	Arkansas	56328	4						
Harvey Couch	Arkansas	169	1						
Harvey Couch	Arkansas	169	2						
Hot Spring Energy Facility	Arkansas	55418	CT-1						
Hot Spring Energy Facility	Arkansas	55418	CT-2						
Hot Spring Power Co., LLC	Arkansas	55714	SN-01						
Hot Spring Power Co., LLC	Arkansas	55714	SN-02						
Independence	Arkansas	6641	1						
Independence	Arkansas	6641	2						
Lake Catherine	Arkansas	170	1						
Lake Catherine	Arkansas	170	2						
Lake Catherine	Arkansas	170	3						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Carl Bailey	Arkansas	202	01	435	1,194	220	149	5
Cecil Lynch	Arkansas	167	2		0	0		0
Cecil Lynch	Arkansas	167	3		0		0	0
City Water & Light - City of Jonesboro	Arkansas	56505	SN04					0
City Water & Light - City of Jonesboro	Arkansas	56505	SN06					0
City Water & Light - City of Jonesboro	Arkansas	56505	SN07					0
Dell Power Plant	Arkansas	55340	1					0
Dell Power Plant	Arkansas	55340	2					0
Flint Creek Power Plant	Arkansas	6138	1	9,429	10,099	8,227	8,526	8,723
Fulton	Arkansas	7825	CT1	0	0	0	0	0
Hamilton Moses	Arkansas	168	1		0			
Hamilton Moses	Arkansas	168	2		0			
Harry D. Mattison Power Plant	Arkansas	56328	1					0
Harry D. Mattison Power Plant	Arkansas	56328	2					0
Harry D. Mattison Power Plant	Arkansas	56328	3	0	0	0	0	0
Harry D. Mattison Power Plant	Arkansas	56328	4	0	0	0	0	0
Harvey Couch	Arkansas	169	1		0		0	0
Harvey Couch	Arkansas	169	2	0	0	0	0	0
Hot Spring Energy Facility	Arkansas	55418	CT-1	1	1	1	1	1
Hot Spring Energy Facility	Arkansas	55418	CT-2	1	0	1	1	1
Hot Spring Power Co., LLC	Arkansas	55714	SN-01			1	2	2
Hot Spring Power Co., LLC	Arkansas	55714	SN-02			0	2	2
Independence	Arkansas	6641	1	10,652	11,761	11,006	12,875	14,682
Independence	Arkansas	6641	2	11,489	11,827	11,357	13,297	14,857
Lake Catherine	Arkansas	170	1		0	0		
Lake Catherine	Arkansas	170	2			0		
Lake Catherine	Arkansas	170	3	0		0		

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Carl Bailey	Arkansas	202	01	2	45	46	1,194		
Cecil Lynch	Arkansas	167	2	0			0		
Cecil Lynch	Arkansas	167	3	0	0	0	0		
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	0	0	0	0		
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	0	1	0	1		
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	0	0	0	0		
Dell Power Plant	Arkansas	55340	1	0	0	1	1		
Dell Power Plant	Arkansas	55340	2	0	0	1	1		
Flint Creek Power Plant	Arkansas	6138	1	8,502	6,811	8,506	10,099		
Fulton	Arkansas	7825	CT1	0	0	0	0		
Hamilton Moses	Arkansas	168	1		0		0		
Hamilton Moses	Arkansas	168	2		0		0		
Harry D. Mattison Power Plant	Arkansas	56328	1	0	0	0	0		
Harry D. Mattison Power Plant	Arkansas	56328	2	0	0	0	0		
Harry D. Mattison Power Plant	Arkansas	56328	3	0	0	0	0		
Harry D. Mattison Power Plant	Arkansas	56328	4	0	0	0	0		
Harvey Couch	Arkansas	169	1	0			0		
Harvey Couch	Arkansas	169	2		0	0	0		
Hot Spring Energy Facility	Arkansas	55418	CT-1	2	2	1	2		
Hot Spring Energy Facility	Arkansas	55418	CT-2	2	2	1	2		
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	3	3	2	3		
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	2	3	2	3		
Independence	Arkansas	6641	1	13,763	12,254	14,917	14,917		
Independence	Arkansas	6641	2	12,685	15,171	13,758	15,171		
Lake Catherine	Arkansas	170	1	0			0		
Lake Catherine	Arkansas	170	2	0		0	0		
Lake Catherine	Arkansas	170	3	0			0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Carl Bailey	Arkansas	202	01					93	264
Cecil Lynch	Arkansas	167	2						1
Cecil Lynch	Arkansas	167	3						1
City Water & Light - City of Jonesboro	Arkansas	56505	SN04						
City Water & Light - City of Jonesboro	Arkansas	56505	SN06						
City Water & Light - City of Jonesboro	Arkansas	56505	SN07						
Dell Power Plant	Arkansas	55340	1						
Dell Power Plant	Arkansas	55340	2						
Flint Creek Power Plant	Arkansas	6138	1					4,756	4,945
Fulton	Arkansas	7825	CT1					2	0
Hamilton Moses	Arkansas	168	1						1
Hamilton Moses	Arkansas	168	2						0
Harry D. Mattison Power Plant	Arkansas	56328	1						
Harry D. Mattison Power Plant	Arkansas	56328	2						
Harry D. Mattison Power Plant	Arkansas	56328	3					2	1
Harry D. Mattison Power Plant	Arkansas	56328	4					1	1
Harvey Couch	Arkansas	169	1						0
Harvey Couch	Arkansas	169	2					13	22
Hot Spring Energy Facility	Arkansas	55418	CT-1					37	27
Hot Spring Energy Facility	Arkansas	55418	CT-2					33	24
Hot Spring Power Co., LLC	Arkansas	55714	SN-01						
Hot Spring Power Co., LLC	Arkansas	55714	SN-02						
Independence	Arkansas	6641	1					6,635	7,560
Independence	Arkansas	6641	2					9,108	7,961
Lake Catherine	Arkansas	170	1						0
Lake Catherine	Arkansas	170	2						0
Lake Catherine	Arkansas	170	3					8	0

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Carl Bailey	Arkansas	202	01	138	37	16	17	23
Cecil Lynch	Arkansas	167	2	0	0	25	33	
Cecil Lynch	Arkansas	167	3	0	41	57	20	32
City Water & Light - City of Jonesboro	Arkansas	56505	SN04			7	3	3
City Water & Light - City of Jonesboro	Arkansas	56505	SN06			8	4	4
City Water & Light - City of Jonesboro	Arkansas	56505	SN07			8	5	6
Dell Power Plant	Arkansas	55340	1			7	5	14
Dell Power Plant	Arkansas	55340	2			8	6	12
Flint Creek Power Plant	Arkansas	6138	1	4,628	5,461	5,345	4,919	3,782
Fulton	Arkansas	7825	CT1	6	5	3	3	5
Hamilton Moses	Arkansas	168	1		0			12
Hamilton Moses	Arkansas	168	2		0			8
Harry D. Mattison Power Plant	Arkansas	56328	1			12	53	3
Harry D. Mattison Power Plant	Arkansas	56328	2			11	29	2
Harry D. Mattison Power Plant	Arkansas	56328	3	1	0	10	7	2
Harry D. Mattison Power Plant	Arkansas	56328	4	1	0	10	5	1
Harvey Couch	Arkansas	169	1	0	5	5	36	
Harvey Couch	Arkansas	169	2	112	23	23		234
Hot Spring Energy Facility	Arkansas	55418	CT-1	16	21	27	39	33
Hot Spring Energy Facility	Arkansas	55418	CT-2	22	25	31	36	37
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	38	46	50	73	53
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	3	57	46	58	62
Independence	Arkansas	6641	1	6,578	7,350	8,740	7,981	6,610
Independence	Arkansas	6641	2	6,593	7,313	8,613	7,142	7,728
Lake Catherine	Arkansas	170	1	4			4	
Lake Catherine	Arkansas	170	2	2			1	
Lake Catherine	Arkansas	170	3	2			1	

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Carl Bailey	Arkansas	202	01	37	264				
Cecil Lynch	Arkansas	167	2		33				
Cecil Lynch	Arkansas	167	3	79	79				
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	17	17				
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	16	16				
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	18	18				
Dell Power Plant	Arkansas	55340	1	25	25				
Dell Power Plant	Arkansas	55340	2	21	21				
Flint Creek Power Plant	Arkansas	6138	1	4,880	5,461				
Fulton	Arkansas	7825	CT1	25	25				
Hamilton Moses	Arkansas	168	1		12				
Hamilton Moses	Arkansas	168	2		8				
Harry D. Mattison Power Plant	Arkansas	56328	1	13	53				
Harry D. Mattison Power Plant	Arkansas	56328	2	10	29				
Harry D. Mattison Power Plant	Arkansas	56328	3	4	10				
Harry D. Mattison Power Plant	Arkansas	56328	4	4	10				
Harvey Couch	Arkansas	169	1		36				
Harvey Couch	Arkansas	169	2	73	234				
Hot Spring Energy Facility	Arkansas	55418	CT-1	20	39				
Hot Spring Energy Facility	Arkansas	55418	CT-2	23	37				
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	39	73				
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	52	62				
Independence	Arkansas	6641	1	7,841	8,740				
Independence	Arkansas	6641	2	6,778	9,108				
Lake Catherine	Arkansas	170	1	0	4				
Lake Catherine	Arkansas	170	2	1	2				
Lake Catherine	Arkansas	170	3	0	8				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Carl Bailey	Arkansas	202	01				
Cecil Lynch	Arkansas	167	2				
Cecil Lynch	Arkansas	167	3				
City Water & Light - City of Jonesboro	Arkansas	56505	SN04				
City Water & Light - City of Jonesboro	Arkansas	56505	SN06				
City Water & Light - City of Jonesboro	Arkansas	56505	SN07				
Dell Power Plant	Arkansas	55340	1				
Dell Power Plant	Arkansas	55340	2				
Flint Creek Power Plant	Arkansas	6138	1				
Fulton	Arkansas	7825	CT1				
Hamilton Moses	Arkansas	168	1				
Hamilton Moses	Arkansas	168	2				
Harry D. Mattison Power Plant	Arkansas	56328	1				
Harry D. Mattison Power Plant	Arkansas	56328	2				
Harry D. Mattison Power Plant	Arkansas	56328	3				
Harry D. Mattison Power Plant	Arkansas	56328	4				
Harvey Couch	Arkansas	169	1				
Harvey Couch	Arkansas	169	2				
Hot Spring Energy Facility	Arkansas	55418	CT-1				
Hot Spring Energy Facility	Arkansas	55418	CT-2				
Hot Spring Power Co., LLC	Arkansas	55714	SN-01				
Hot Spring Power Co., LLC	Arkansas	55714	SN-02				
Independence	Arkansas	6641	1				
Independence	Arkansas	6641	2				
Lake Catherine	Arkansas	170	1				
Lake Catherine	Arkansas	170	2				
Lake Catherine	Arkansas	170	3				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Carl Bailey	Arkansas	202	01				
Cecil Lynch	Arkansas	167	2				
Cecil Lynch	Arkansas	167	3				
City Water & Light - City of Jonesboro	Arkansas	56505	SN04				
City Water & Light - City of Jonesboro	Arkansas	56505	SN06				
City Water & Light - City of Jonesboro	Arkansas	56505	SN07				
Dell Power Plant	Arkansas	55340	1				
Dell Power Plant	Arkansas	55340	2				
Flint Creek Power Plant	Arkansas	6138	1				
Fulton	Arkansas	7825	CT1				
Hamilton Moses	Arkansas	168	1				
Hamilton Moses	Arkansas	168	2				
Harry D. Mattison Power Plant	Arkansas	56328	1				
Harry D. Mattison Power Plant	Arkansas	56328	2				
Harry D. Mattison Power Plant	Arkansas	56328	3				
Harry D. Mattison Power Plant	Arkansas	56328	4				
Harvey Couch	Arkansas	169	1				
Harvey Couch	Arkansas	169	2				
Hot Spring Energy Facility	Arkansas	55418	CT-1				
Hot Spring Energy Facility	Arkansas	55418	CT-2				
Hot Spring Power Co., LLC	Arkansas	55714	SN-01				
Hot Spring Power Co., LLC	Arkansas	55714	SN-02				
Independence	Arkansas	6641	1				
Independence	Arkansas	6641	2				
Lake Catherine	Arkansas	170	1				
Lake Catherine	Arkansas	170	2				
Lake Catherine	Arkansas	170	3				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Carl Bailey	Arkansas	202	01				
Cecil Lynch	Arkansas	167	2				
Cecil Lynch	Arkansas	167	3				
City Water & Light - City of Jonesboro	Arkansas	56505	SN04				
City Water & Light - City of Jonesboro	Arkansas	56505	SN06				
City Water & Light - City of Jonesboro	Arkansas	56505	SN07				
Dell Power Plant	Arkansas	55340	1				
Dell Power Plant	Arkansas	55340	2				
Flint Creek Power Plant	Arkansas	6138	1				
Fulton	Arkansas	7825	CT1				
Hamilton Moses	Arkansas	168	1				
Hamilton Moses	Arkansas	168	2				
Harry D. Mattison Power Plant	Arkansas	56328	1				
Harry D. Mattison Power Plant	Arkansas	56328	2				
Harry D. Mattison Power Plant	Arkansas	56328	3				
Harry D. Mattison Power Plant	Arkansas	56328	4				
Harvey Couch	Arkansas	169	1				
Harvey Couch	Arkansas	169	2				
Hot Spring Energy Facility	Arkansas	55418	CT-1				
Hot Spring Energy Facility	Arkansas	55418	CT-2				
Hot Spring Power Co., LLC	Arkansas	55714	SN-01				
Hot Spring Power Co., LLC	Arkansas	55714	SN-02				
Independence	Arkansas	6641	1				
Independence	Arkansas	6641	2				
Lake Catherine	Arkansas	170	1				
Lake Catherine	Arkansas	170	2				
Lake Catherine	Arkansas	170	3				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
						2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)			
Carl Bailey	Arkansas	202	01			305,418	100,359	178,357
Cecil Lynch	Arkansas	167	2			1,056	125,299	189,123
Cecil Lynch	Arkansas	167	3			132,594	411,021	163,419
City Water & Light - City of Jonesboro	Arkansas	56505	SN04				90,563	30,013
City Water & Light - City of Jonesboro	Arkansas	56505	SN06				105,450	41,876
City Water & Light - City of Jonesboro	Arkansas	56505	SN07				114,693	44,121
Dell Power Plant	Arkansas	55340	1				17,560	325,126
Dell Power Plant	Arkansas	55340	2				74,029	531,447
Flint Creek Power Plant	Arkansas	6138	1			14,413,392	17,331,874	17,519,203
Fulton	Arkansas	7825	CT1			168,327	117,711	126,190
Hamilton Moses	Arkansas	168	1					
Hamilton Moses	Arkansas	168	2					
Harry D. Mattison Power Plant	Arkansas	56328	1					168,872
Harry D. Mattison Power Plant	Arkansas	56328	2					71,621
Harry D. Mattison Power Plant	Arkansas	56328	3			16,491	453,032	204,112
Harry D. Mattison Power Plant	Arkansas	56328	4			9,775	487,574	80,491
Harvey Couch	Arkansas	169	1			52,398	58,826	424,178
Harvey Couch	Arkansas	169	2			405,762	377,760	
Hot Spring Energy Facility	Arkansas	55418	CT-1			2,690,135	2,457,547	2,022,474
Hot Spring Energy Facility	Arkansas	55418	CT-2			3,066,879	2,546,087	1,877,267
Hot Spring Power Co., LLC	Arkansas	55714	SN-01			5,245,748	4,889,160	4,071,019
Hot Spring Power Co., LLC	Arkansas	55714	SN-02			4,628,692	4,637,547	3,664,050
Independence	Arkansas	6641	1			29,406,548	32,699,747	28,952,318
Independence	Arkansas	6641	2			31,511,128	31,318,282	23,825,914
Lake Catherine	Arkansas	170	1					487
Lake Catherine	Arkansas	170	2					
Lake Catherine	Arkansas	170	3					11,510

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Carl Bailey	Arkansas	202	01	149,060	342,203	275,326	189,431,481	0.001453
Cecil Lynch	Arkansas	167	2			105,159	189,431,481	0.000555
Cecil Lynch	Arkansas	167	3	288,508	671,137	456,888	189,431,481	0.002412
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	26,814	244,397	121,658	189,431,481	0.000642
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	38,653	210,980	119,435	189,431,481	0.000630
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	53,189	253,627	140,503	189,431,481	0.000742
Dell Power Plant	Arkansas	55340	1	732,860	1,819,639	959,208	189,431,481	0.005064
Dell Power Plant	Arkansas	55340	2	972,975	1,965,589	1,156,670	189,431,481	0.006106
Flint Creek Power Plant	Arkansas	6138	1	16,279,543	16,832,844	17,227,974	189,431,481	0.090946
Fulton	Arkansas	7825	CT1	206,726	353,978	243,011	189,431,481	0.001283
Hamilton Moses	Arkansas	168	1	39,562		39,562	189,431,481	0.000209
Hamilton Moses	Arkansas	168	2	25,216		25,216	189,431,481	0.000133
Harry D. Mattison Power Plant	Arkansas	56328	1	121,221	455,437	248,510	189,431,481	0.001312
Harry D. Mattison Power Plant	Arkansas	56328	2	68,730	333,160	157,837	189,431,481	0.000833
Harry D. Mattison Power Plant	Arkansas	56328	3	64,167	173,209	276,784	189,431,481	0.001461
Harry D. Mattison Power Plant	Arkansas	56328	4	47,379	180,562	249,542	189,431,481	0.001317
Harvey Couch	Arkansas	169	1			178,467	189,431,481	0.000942
Harvey Couch	Arkansas	169	2	661,794	1,009,952	692,503	189,431,481	0.003656
Hot Spring Energy Facility	Arkansas	55418	CT-1	4,962,730	2,510,742	3,387,869	189,431,481	0.017884
Hot Spring Energy Facility	Arkansas	55418	CT-2	3,764,549	2,853,554	3,228,327	189,431,481	0.017042
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	4,824,594	4,786,580	4,986,501	189,431,481	0.026324
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	4,607,011	5,903,490	5,056,577	189,431,481	0.026693
Independence	Arkansas	6641	1	26,151,296	28,820,365	30,352,871	189,431,481	0.160231
Independence	Arkansas	6641	2	29,195,353	24,367,678	30,674,921	189,431,481	0.161931
Lake Catherine	Arkansas	170	1		125	306	189,431,481	0.000002
Lake Catherine	Arkansas	170	2		2,704	2,704	189,431,481	0.000014
Lake Catherine	Arkansas	170	3		1,432	6,471	189,431,481	0.000034

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Carl Bailey	Arkansas	202	01	14,354	13,901	21	20	30	189
Cecil Lynch	Arkansas	167	2	14,354	13,901	8	8		1
Cecil Lynch	Arkansas	167	3	14,354	13,901	35	34		1
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	14,354	13,901	9	9		
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	14,354	13,901	9	9		
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	14,354	13,901	11	10		
Dell Power Plant	Arkansas	55340	1	14,354	13,901	73	70		
Dell Power Plant	Arkansas	55340	2	14,354	13,901	88	85		
Flint Creek Power Plant	Arkansas	6138	1	14,354	13,901	1,305	1,264	2,245	1,970
Fulton	Arkansas	7825	CT1	14,354	13,901	18	18	2	0
Hamilton Moses	Arkansas	168	1	14,354	13,901	3	3		1
Hamilton Moses	Arkansas	168	2	14,354	13,901	2	2		0
Harry D. Mattison Power Plant	Arkansas	56328	1	14,354	13,901	19	18		
Harry D. Mattison Power Plant	Arkansas	56328	2	14,354	13,901	12	12		
Harry D. Mattison Power Plant	Arkansas	56328	3	14,354	13,901	21	20	1	1
Harry D. Mattison Power Plant	Arkansas	56328	4	14,354	13,901	19	18	0	1
Harvey Couch	Arkansas	169	1	14,354	13,901	14	13		
Harvey Couch	Arkansas	169	2	14,354	13,901	52	51	5	20
Hot Spring Energy Facility	Arkansas	55418	CT-1	14,354	13,901	257	249	17	17
Hot Spring Energy Facility	Arkansas	55418	CT-2	14,354	13,901	245	237	13	18
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	14,354	13,901	378	366		
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	14,354	13,901	383	371		
Independence	Arkansas	6641	1	14,354	13,901	2,300	2,227	2,817	3,881
Independence	Arkansas	6641	2	14,354	13,901	2,324	2,251	3,634	3,968
Lake Catherine	Arkansas	170	1	14,354	13,901	0	0		
Lake Catherine	Arkansas	170	2	14,354	13,901	0	0		0
Lake Catherine	Arkansas	170	3	14,354	13,901	0	0		0

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Carl Bailey	Arkansas	202	01	126	37	15	16	15	27
Cecil Lynch	Arkansas	167	2	0	0	25	33		
Cecil Lynch	Arkansas	167	3	0	38	57	20	32	79
City Water & Light - City of Jonesboro	Arkansas	56505	SN04			6	2	2	16
City Water & Light - City of Jonesboro	Arkansas	56505	SN06			7	3	3	13
City Water & Light - City of Jonesboro	Arkansas	56505	SN07			7	3	3	16
Dell Power Plant	Arkansas	55340	1			0	2	5	15
Dell Power Plant	Arkansas	55340	2			1	4	8	14
Flint Creek Power Plant	Arkansas	6138	1	1,724	2,036	2,308	2,262	2,109	2,210
Fulton	Arkansas	7825	CT1	6	5	3	3	5	8
Hamilton Moses	Arkansas	168	1					12	
Hamilton Moses	Arkansas	168	2					8	
Harry D. Mattison Power Plant	Arkansas	56328	1				11	3	10
Harry D. Mattison Power Plant	Arkansas	56328	2				6	1	7
Harry D. Mattison Power Plant	Arkansas	56328	3	1	0	10	4	1	3
Harry D. Mattison Power Plant	Arkansas	56328	4	1	0	10	2	1	4
Harvey Couch	Arkansas	169	1	0	5	5	36		
Harvey Couch	Arkansas	169	2	90	23	23		234	73
Hot Spring Energy Facility	Arkansas	55418	CT-1	14	16	17	15	28	18
Hot Spring Energy Facility	Arkansas	55418	CT-2	15	19	17	12	21	21
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	36	45	35	37	29	31
Hot Spring Power Co., LLC	Arkansas	55714	SN-02		44	35	33	26	38
Independence	Arkansas	6641	1	2,955	3,578	4,325	3,747	3,430	3,486
Independence	Arkansas	6641	2	2,876	3,544	3,930	2,969	3,382	2,878
Lake Catherine	Arkansas	170	1	4			0		0
Lake Catherine	Arkansas	170	2	2					1
Lake Catherine	Arkansas	170	3	2			1		0

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Carl Bailey	Arkansas	202	01	189					
Cecil Lynch	Arkansas	167	2	33					
Cecil Lynch	Arkansas	167	3	79					
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	16					
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	13					
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	16					
Dell Power Plant	Arkansas	55340	1	15					
Dell Power Plant	Arkansas	55340	2	14					
Flint Creek Power Plant	Arkansas	6138	1	2,308					
Fulton	Arkansas	7825	CT1	8					
Hamilton Moses	Arkansas	168	1	12					
Hamilton Moses	Arkansas	168	2	8					
Harry D. Mattison Power Plant	Arkansas	56328	1	11					
Harry D. Mattison Power Plant	Arkansas	56328	2	7					
Harry D. Mattison Power Plant	Arkansas	56328	3	10					
Harry D. Mattison Power Plant	Arkansas	56328	4	10					
Harvey Couch	Arkansas	169	1	36					
Harvey Couch	Arkansas	169	2	234					
Hot Spring Energy Facility	Arkansas	55418	CT-1	28					
Hot Spring Energy Facility	Arkansas	55418	CT-2	21					
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	45					
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	44					
Independence	Arkansas	6641	1	4,325					
Independence	Arkansas	6641	2	3,968					
Lake Catherine	Arkansas	170	1	4					
Lake Catherine	Arkansas	170	2	2					
Lake Catherine	Arkansas	170	3	2					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Carl Bailey	Arkansas	202	01			27	27
Cecil Lynch	Arkansas	167	2			10	10
Cecil Lynch	Arkansas	167	3			45	45
City Water & Light - City of Jonesboro	Arkansas	56505	SN04			12	12
City Water & Light - City of Jonesboro	Arkansas	56505	SN06			12	12
City Water & Light - City of Jonesboro	Arkansas	56505	SN07			14	14
Dell Power Plant	Arkansas	55340	1			15	15
Dell Power Plant	Arkansas	55340	2			14	14
Flint Creek Power Plant	Arkansas	6138	1			1,699	1,699
Fulton	Arkansas	7825	CT1			8	8
Hamilton Moses	Arkansas	168	1			4	4
Hamilton Moses	Arkansas	168	2			2	2
Harry D. Mattison Power Plant	Arkansas	56328	1			11	11
Harry D. Mattison Power Plant	Arkansas	56328	2			7	7
Harry D. Mattison Power Plant	Arkansas	56328	3			10	10
Harry D. Mattison Power Plant	Arkansas	56328	4			10	10
Harvey Couch	Arkansas	169	1			18	18
Harvey Couch	Arkansas	169	2			68	68
Hot Spring Energy Facility	Arkansas	55418	CT-1			28	28
Hot Spring Energy Facility	Arkansas	55418	CT-2			21	21
Hot Spring Power Co., LLC	Arkansas	55714	SN-01			45	45
Hot Spring Power Co., LLC	Arkansas	55714	SN-02			44	44
Independence	Arkansas	6641	1			2,993	2,993
Independence	Arkansas	6641	2			3,024	3,024
Lake Catherine	Arkansas	170	1			0	0
Lake Catherine	Arkansas	170	2			0	0
Lake Catherine	Arkansas	170	3			1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Carl Bailey	Arkansas	202	01	26	26	26	26
Cecil Lynch	Arkansas	167	2	10	10	10	10
Cecil Lynch	Arkansas	167	3	44	44	44	44
City Water & Light - City of Jonesboro	Arkansas	56505	SN04	12	12	12	12
City Water & Light - City of Jonesboro	Arkansas	56505	SN06	11	11	11	11
City Water & Light - City of Jonesboro	Arkansas	56505	SN07	13	13	13	13
Dell Power Plant	Arkansas	55340	1	15	15	15	15
Dell Power Plant	Arkansas	55340	2	14	14	14	14
Flint Creek Power Plant	Arkansas	6138	1	1,641	1,641	1,641	1,641
Fulton	Arkansas	7825	CT1	8	8	8	8
Hamilton Moses	Arkansas	168	1	4	4	4	4
Hamilton Moses	Arkansas	168	2	2	2	2	2
Harry D. Mattison Power Plant	Arkansas	56328	1	11	11	11	11
Harry D. Mattison Power Plant	Arkansas	56328	2	7	7	7	7
Harry D. Mattison Power Plant	Arkansas	56328	3	10	10	10	10
Harry D. Mattison Power Plant	Arkansas	56328	4	10	10	10	10
Harvey Couch	Arkansas	169	1	17	17	17	17
Harvey Couch	Arkansas	169	2	66	66	66	66
Hot Spring Energy Facility	Arkansas	55418	CT-1	28	28	28	28
Hot Spring Energy Facility	Arkansas	55418	CT-2	21	21	21	21
Hot Spring Power Co., LLC	Arkansas	55714	SN-01	45	45	45	45
Hot Spring Power Co., LLC	Arkansas	55714	SN-02	44	44	44	44
Independence	Arkansas	6641	1	2,892	2,892	2,892	2,892
Independence	Arkansas	6641	2	2,923	2,923	2,923	2,923
Lake Catherine	Arkansas	170	1	0	0	0	0
Lake Catherine	Arkansas	170	2	0	0	0	0
Lake Catherine	Arkansas	170	3	1	1	1	1

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Carl Bailey	Arkansas	202	01				Y		
Cecil Lynch	Arkansas	167	2				Y		
Cecil Lynch	Arkansas	167	3				Y		
City Water & Light - City of Jonesboro	Arkansas	56505	SN04				Y		
City Water & Light - City of Jonesboro	Arkansas	56505	SN06				Y		
City Water & Light - City of Jonesboro	Arkansas	56505	SN07				Y		
Dell Power Plant	Arkansas	55340	1				Y		
Dell Power Plant	Arkansas	55340	2				Y		
Flint Creek Power Plant	Arkansas	6138	1				Y		
Fulton	Arkansas	7825	CT1				Y		
Hamilton Moses	Arkansas	168	1				Y		
Hamilton Moses	Arkansas	168	2				Y		
Harry D. Mattison Power Plant	Arkansas	56328	1				Y		
Harry D. Mattison Power Plant	Arkansas	56328	2				Y		
Harry D. Mattison Power Plant	Arkansas	56328	3				Y		
Harry D. Mattison Power Plant	Arkansas	56328	4				Y		
Harvey Couch	Arkansas	169	1				Y		
Harvey Couch	Arkansas	169	2				Y		
Hot Spring Energy Facility	Arkansas	55418	CT-1				Y		
Hot Spring Energy Facility	Arkansas	55418	CT-2				Y		
Hot Spring Power Co., LLC	Arkansas	55714	SN-01				Y		
Hot Spring Power Co., LLC	Arkansas	55714	SN-02				Y		
Independence	Arkansas	6641	1				Y		
Independence	Arkansas	6641	2				Y		
Lake Catherine	Arkansas	170	1				Y		
Lake Catherine	Arkansas	170	2				Y		
Lake Catherine	Arkansas	170	3				Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Lake Catherine	Arkansas	170	4	107	291,724	412,125	1,161,312	1,415,815	1,799,975
McClellan	Arkansas	203	01	112	1,535,991	2,002,430	2,497,924	1,636,218	2,444,251
Oswald Generating Station	Arkansas	55221	G1	4167	218,196	407,229	179,941	130,919	409,295
Oswald Generating Station	Arkansas	55221	G2	4168	223,256	305,865	129,144	146,372	266,107
Oswald Generating Station	Arkansas	55221	G3	4169	320,679	67,930	195,740	118,634	432,599
Oswald Generating Station	Arkansas	55221	G4	4170	277,541	253,836	213,905	164,386	359,641
Oswald Generating Station	Arkansas	55221	G5	4171	272,688	259,481	209,774	170,524	352,720
Oswald Generating Station	Arkansas	55221	G6	4172	179,151	260,626	236,655	156,007	470,698
Oswald Generating Station	Arkansas	55221	G7	4173	873,876	1,003,529	675,060	441,667	1,379,673
Pine Bluff Energy Center	Arkansas	55075	CT-1	3855	11,386,088	8,157,371	11,795,032	12,528,705	11,743,921
Robert E Ritchie	Arkansas	173	2	109					
Thomas Fitzhugh	Arkansas	201	2	88375	1,224,537	1,061,037	343,114	576,020	804,408
Union Power Station	Arkansas	55380	CTG-1	4590	4,809,436	2,651,574	2,912,991	4,523,351	6,728,101
Union Power Station	Arkansas	55380	CTG-2	4592	5,299,220	3,703,171	2,694,393	4,595,328	6,698,829
Union Power Station	Arkansas	55380	CTG-3	4593	2,583,711	3,832,002	2,508,912	3,955,234	6,077,002
Union Power Station	Arkansas	55380	CTG-4	4594	4,527,275	3,919,364	2,376,961	3,665,663	5,709,546
Union Power Station	Arkansas	55380	CTG-5	4595	3,729,244	4,026,370	2,308,357	4,973,654	6,268,610
Union Power Station	Arkansas	55380	CTG-6	4596	3,430,688	3,591,909	2,620,579	4,934,081	6,416,405
Union Power Station	Arkansas	55380	CTG-7	4597	5,433,578	2,942,331	2,562,900	3,291,117	5,802,453
Union Power Station	Arkansas	55380	CTG-8	4598	5,170,518	2,898,398	2,478,100	3,527,888	5,797,600
White Bluff	Arkansas	6009	1	2675	44,649,451	64,257,780	60,208,919	52,685,717	63,178,868
White Bluff	Arkansas	6009	2	2676	62,113,784	43,506,482	56,172,793	56,474,072	49,581,773
AL Sandersville	Georgia	55672	CT1	8836	52,603	123,247	12,258	19,159	67,906
AL Sandersville	Georgia	55672	CT2	8838	34,483	122,107	21,374	24,555	80,021
AL Sandersville	Georgia	55672	CT3	8840	44,463	121,605	20,498	33,155	86,891
AL Sandersville	Georgia	55672	CT4	8842	58,042	121,636	26,351	43,779	93,338
AL Sandersville	Georgia	55672	CT5	8844	42,155	177,318	29,934	27,779	69,680

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Lake Catherine	Arkansas	170	4	1,459,034	380,754,402	0.003832		
McClellan	Arkansas	203	01	2,314,869	380,754,402	0.006080		
Oswald Generating Station	Arkansas	55221	G1	344,906	380,754,402	0.000906		
Oswald Generating Station	Arkansas	55221	G2	265,076	380,754,402	0.000696		
Oswald Generating Station	Arkansas	55221	G3	316,339	380,754,402	0.000831		
Oswald Generating Station	Arkansas	55221	G4	297,006	380,754,402	0.000780		
Oswald Generating Station	Arkansas	55221	G5	294,963	380,754,402	0.000775		
Oswald Generating Station	Arkansas	55221	G6	322,659	380,754,402	0.000847		
Oswald Generating Station	Arkansas	55221	G7	1,085,693	380,754,402	0.002851		
Pine Bluff Energy Center	Arkansas	55075	CT-1	12,022,553	380,754,402	0.031576		
Robert E Ritchie	Arkansas	173	2		380,754,402			
Thomas Fitzhugh	Arkansas	201	2	1,029,994	380,754,402	0.002705		
Union Power Station	Arkansas	55380	CTG-1	5,353,629	380,754,402	0.014061		
Union Power Station	Arkansas	55380	CTG-2	5,531,126	380,754,402	0.014527		
Union Power Station	Arkansas	55380	CTG-3	4,621,413	380,754,402	0.012138		
Union Power Station	Arkansas	55380	CTG-4	4,718,729	380,754,402	0.012393		
Union Power Station	Arkansas	55380	CTG-5	5,089,544	380,754,402	0.013367		
Union Power Station	Arkansas	55380	CTG-6	4,980,798	380,754,402	0.013081		
Union Power Station	Arkansas	55380	CTG-7	4,842,382	380,754,402	0.012718		
Union Power Station	Arkansas	55380	CTG-8	4,832,002	380,754,402	0.012691		
White Bluff	Arkansas	6009	1	62,548,522	380,754,402	0.164275		
White Bluff	Arkansas	6009	2	58,253,550	380,754,402	0.152995		
AL Sandersville	Georgia	55672	CT1	81,252	1,055,697,849	0.000077	155,356	132,854
AL Sandersville	Georgia	55672	CT2	78,870	1,055,697,849	0.000075	155,356	132,854
AL Sandersville	Georgia	55672	CT3	84,320	1,055,697,849	0.000080	155,356	132,854
AL Sandersville	Georgia	55672	CT4	91,005	1,055,697,849	0.000086	155,356	132,854
AL Sandersville	Georgia	55672	CT5	96,385	1,055,697,849	0.000091	155,356	132,854

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Lake Catherine	Arkansas	170	4						
McClellan	Arkansas	203	01						
Oswald Generating Station	Arkansas	55221	G1						
Oswald Generating Station	Arkansas	55221	G2						
Oswald Generating Station	Arkansas	55221	G3						
Oswald Generating Station	Arkansas	55221	G4						
Oswald Generating Station	Arkansas	55221	G5						
Oswald Generating Station	Arkansas	55221	G6						
Oswald Generating Station	Arkansas	55221	G7						
Pine Bluff Energy Center	Arkansas	55075	CT-1						
Robert E Ritchie	Arkansas	173	2						
Thomas Fitzhugh	Arkansas	201	2						
Union Power Station	Arkansas	55380	CTG-1						
Union Power Station	Arkansas	55380	CTG-2						
Union Power Station	Arkansas	55380	CTG-3						
Union Power Station	Arkansas	55380	CTG-4						
Union Power Station	Arkansas	55380	CTG-5						
Union Power Station	Arkansas	55380	CTG-6						
Union Power Station	Arkansas	55380	CTG-7						
Union Power Station	Arkansas	55380	CTG-8						
White Bluff	Arkansas	6009	1						
White Bluff	Arkansas	6009	2						
AL Sandersville	Georgia	55672	CT1	60,770	52,663	12	10	5	4
AL Sandersville	Georgia	55672	CT2	60,770	52,663	12	10	5	4
AL Sandersville	Georgia	55672	CT3	60,770	52,663	12	11	5	4
AL Sandersville	Georgia	55672	CT4	60,770	52,663	13	11	5	5
AL Sandersville	Georgia	55672	CT5	60,770	52,663	14	12	6	5

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Lake Catherine	Arkansas	170	4	2	1	1	0	0
McClellan	Arkansas	203	01	1,669	2,090	461	441	433
Oswald Generating Station	Arkansas	55221	G1	0			0	0
Oswald Generating Station	Arkansas	55221	G2	0			0	0
Oswald Generating Station	Arkansas	55221	G3	0			0	0
Oswald Generating Station	Arkansas	55221	G4	0			0	0
Oswald Generating Station	Arkansas	55221	G5	0			0	0
Oswald Generating Station	Arkansas	55221	G6	0			0	0
Oswald Generating Station	Arkansas	55221	G7	0			0	0
Pine Bluff Energy Center	Arkansas	55075	CT-1	10	6	4	3	2
Robert E Ritchie	Arkansas	173	2					
Thomas Fitzhugh	Arkansas	201	2	9	0	14	0	13
Union Power Station	Arkansas	55380	CTG-1	1	1	1	1	1
Union Power Station	Arkansas	55380	CTG-2	1	1	1	2	1
Union Power Station	Arkansas	55380	CTG-3	1	0	1	1	1
Union Power Station	Arkansas	55380	CTG-4	1	0	1	1	1
Union Power Station	Arkansas	55380	CTG-5	1	1	1	1	1
Union Power Station	Arkansas	55380	CTG-6	1	1	1	1	1
Union Power Station	Arkansas	55380	CTG-7	1	1	1	2	1
Union Power Station	Arkansas	55380	CTG-8	1	1	1	2	1
White Bluff	Arkansas	6009	1	21,653	21,519	17,394	15,990	19,481
White Bluff	Arkansas	6009	2	17,650	22,979	17,496	22,132	14,035
AL Sandersville	Georgia	55672	CT1	0	0	0	0	0
AL Sandersville	Georgia	55672	CT2	0	0	0	0	0
AL Sandersville	Georgia	55672	CT3	0	0	0	0	0
AL Sandersville	Georgia	55672	CT4	0	0		0	0
AL Sandersville	Georgia	55672	CT5		0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Lake Catherine	Arkansas	170	4	0	0	1	2		
McClellan	Arkansas	203	01	379	395	55	2,090		
Oswald Generating Station	Arkansas	55221	G1	0	0	0	0		
Oswald Generating Station	Arkansas	55221	G2	0	0	0	0		
Oswald Generating Station	Arkansas	55221	G3	0	0	0	0		
Oswald Generating Station	Arkansas	55221	G4	0	0	0	0		
Oswald Generating Station	Arkansas	55221	G5	0	0	0	0		
Oswald Generating Station	Arkansas	55221	G6	0	0	0	0		
Oswald Generating Station	Arkansas	55221	G7	0	0	0	0		
Pine Bluff Energy Center	Arkansas	55075	CT-1	4	4	4	10		
Robert E Ritchie	Arkansas	173	2				0		
Thomas Fitzhugh	Arkansas	201	2	0	0	0	14		
Union Power Station	Arkansas	55380	CTG-1	1	1	2	2		
Union Power Station	Arkansas	55380	CTG-2	1	1	2	2		
Union Power Station	Arkansas	55380	CTG-3	1	1	2	2		
Union Power Station	Arkansas	55380	CTG-4	1	1	2	2		
Union Power Station	Arkansas	55380	CTG-5	1	1	2	2		
Union Power Station	Arkansas	55380	CTG-6	1	1	2	2		
Union Power Station	Arkansas	55380	CTG-7	1	1	2	2		
Union Power Station	Arkansas	55380	CTG-8	1	1	2	2		
White Bluff	Arkansas	6009	1	19,399	16,281	15,936	21,653		
White Bluff	Arkansas	6009	2	18,540	17,551	12,528	22,979		
AL Sandersville	Georgia	55672	CT1	0	0	0	0		
AL Sandersville	Georgia	55672	CT2	0	0	0	0		
AL Sandersville	Georgia	55672	CT3	0	0	0	0		
AL Sandersville	Georgia	55672	CT4	0	0	0	0		
AL Sandersville	Georgia	55672	CT5	0	0	0	0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Lake Catherine	Arkansas	170	4					540	140
McClellan	Arkansas	203	01					313	444
Oswald Generating Station	Arkansas	55221	G1					7	
Oswald Generating Station	Arkansas	55221	G2					7	
Oswald Generating Station	Arkansas	55221	G3					8	
Oswald Generating Station	Arkansas	55221	G4					9	
Oswald Generating Station	Arkansas	55221	G5					8	
Oswald Generating Station	Arkansas	55221	G6					8	
Oswald Generating Station	Arkansas	55221	G7					7	
Pine Bluff Energy Center	Arkansas	55075	CT-1					793	267
Robert E Ritchie	Arkansas	173	2					0	
Thomas Fitzhugh	Arkansas	201	2					39	7
Union Power Station	Arkansas	55380	CTG-1					44	26
Union Power Station	Arkansas	55380	CTG-2					44	23
Union Power Station	Arkansas	55380	CTG-3					45	16
Union Power Station	Arkansas	55380	CTG-4					37	18
Union Power Station	Arkansas	55380	CTG-5					27	25
Union Power Station	Arkansas	55380	CTG-6					29	20
Union Power Station	Arkansas	55380	CTG-7					26	45
Union Power Station	Arkansas	55380	CTG-8					28	39
White Bluff	Arkansas	6009	1					10,855	9,196
White Bluff	Arkansas	6009	2					8,161	9,011
AL Sandersville	Georgia	55672	CT1					0	0
AL Sandersville	Georgia	55672	CT2					0	0
AL Sandersville	Georgia	55672	CT3					0	0
AL Sandersville	Georgia	55672	CT4					0	0
AL Sandersville	Georgia	55672	CT5						0

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Lake Catherine	Arkansas	170	4	196	26	89	113	191
McClellan	Arkansas	203	01	205	160	236	254	166
Oswald Generating Station	Arkansas	55221	G1		10	18	8	6
Oswald Generating Station	Arkansas	55221	G2		10	14	7	7
Oswald Generating Station	Arkansas	55221	G3		14	3	9	5
Oswald Generating Station	Arkansas	55221	G4		12	11	10	7
Oswald Generating Station	Arkansas	55221	G5		12	12	10	7
Oswald Generating Station	Arkansas	55221	G6		8	12	11	7
Oswald Generating Station	Arkansas	55221	G7		21	13	10	8
Pine Bluff Energy Center	Arkansas	55075	CT-1	208	190	172	182	192
Robert E Ritchie	Arkansas	173	2					
Thomas Fitzhugh	Arkansas	201	2	76	56	91	22	35
Union Power Station	Arkansas	55380	CTG-1	38	47	26	34	41
Union Power Station	Arkansas	55380	CTG-2	39	54	35	25	37
Union Power Station	Arkansas	55380	CTG-3	23	26	33	29	36
Union Power Station	Arkansas	55380	CTG-4	21	45	33	23	29
Union Power Station	Arkansas	55380	CTG-5	22	36	33	21	38
Union Power Station	Arkansas	55380	CTG-6	22	36	33	26	38
Union Power Station	Arkansas	55380	CTG-7	38	59	25	27	28
Union Power Station	Arkansas	55380	CTG-8	39	54	28	25	31
White Bluff	Arkansas	6009	1	8,268	5,678	7,744	7,846	6,569
White Bluff	Arkansas	6009	2	7,995	8,477	6,156	8,626	7,955
AL Sandersville	Georgia	55672	CT1	0	1	2	0	1
AL Sandersville	Georgia	55672	CT2	0	0	1	0	1
AL Sandersville	Georgia	55672	CT3	0	1	2	0	1
AL Sandersville	Georgia	55672	CT4		1	1	0	1
AL Sandersville	Georgia	55672	CT5	0	1	2	0	0

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Lake Catherine	Arkansas	170	4	151	540				
McClellan	Arkansas	203	01	316	444				
Oswald Generating Station	Arkansas	55221	G1	18	18				
Oswald Generating Station	Arkansas	55221	G2	13	14				
Oswald Generating Station	Arkansas	55221	G3	19	19				
Oswald Generating Station	Arkansas	55221	G4	16	16				
Oswald Generating Station	Arkansas	55221	G5	16	16				
Oswald Generating Station	Arkansas	55221	G6	22	22				
Oswald Generating Station	Arkansas	55221	G7	21	21				
Pine Bluff Energy Center	Arkansas	55075	CT-1	192	793				
Robert E Ritchie	Arkansas	173	2		0				
Thomas Fitzhugh	Arkansas	201	2	57	91				
Union Power Station	Arkansas	55380	CTG-1	56	56				
Union Power Station	Arkansas	55380	CTG-2	50	54				
Union Power Station	Arkansas	55380	CTG-3	57	57				
Union Power Station	Arkansas	55380	CTG-4	46	46				
Union Power Station	Arkansas	55380	CTG-5	49	49				
Union Power Station	Arkansas	55380	CTG-6	48	48				
Union Power Station	Arkansas	55380	CTG-7	50	59				
Union Power Station	Arkansas	55380	CTG-8	44	54				
White Bluff	Arkansas	6009	1	7,927	10,855				
White Bluff	Arkansas	6009	2	7,880	9,011				
AL Sandersville	Georgia	55672	CT1	1	2				
AL Sandersville	Georgia	55672	CT2	1	1				
AL Sandersville	Georgia	55672	CT3	1	2				
AL Sandersville	Georgia	55672	CT4	1	1				
AL Sandersville	Georgia	55672	CT5	1	2				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Lake Catherine	Arkansas	170	4				
McClellan	Arkansas	203	01				
Oswald Generating Station	Arkansas	55221	G1				
Oswald Generating Station	Arkansas	55221	G2				
Oswald Generating Station	Arkansas	55221	G3				
Oswald Generating Station	Arkansas	55221	G4				
Oswald Generating Station	Arkansas	55221	G5				
Oswald Generating Station	Arkansas	55221	G6				
Oswald Generating Station	Arkansas	55221	G7				
Pine Bluff Energy Center	Arkansas	55075	CT-1				
Robert E Ritchie	Arkansas	173	2				
Thomas Fitzhugh	Arkansas	201	2				
Union Power Station	Arkansas	55380	CTG-1				
Union Power Station	Arkansas	55380	CTG-2				
Union Power Station	Arkansas	55380	CTG-3				
Union Power Station	Arkansas	55380	CTG-4				
Union Power Station	Arkansas	55380	CTG-5				
Union Power Station	Arkansas	55380	CTG-6				
Union Power Station	Arkansas	55380	CTG-7				
Union Power Station	Arkansas	55380	CTG-8				
White Bluff	Arkansas	6009	1				
White Bluff	Arkansas	6009	2				
AL Sandersville	Georgia	55672	CT1				
AL Sandersville	Georgia	55672	CT2				
AL Sandersville	Georgia	55672	CT3				
AL Sandersville	Georgia	55672	CT4				
AL Sandersville	Georgia	55672	CT5				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Lake Catherine	Arkansas	170	4				
McClellan	Arkansas	203	01				
Oswald Generating Station	Arkansas	55221	G1				
Oswald Generating Station	Arkansas	55221	G2				
Oswald Generating Station	Arkansas	55221	G3				
Oswald Generating Station	Arkansas	55221	G4				
Oswald Generating Station	Arkansas	55221	G5				
Oswald Generating Station	Arkansas	55221	G6				
Oswald Generating Station	Arkansas	55221	G7				
Pine Bluff Energy Center	Arkansas	55075	CT-1				
Robert E Ritchie	Arkansas	173	2				
Thomas Fitzhugh	Arkansas	201	2				
Union Power Station	Arkansas	55380	CTG-1				
Union Power Station	Arkansas	55380	CTG-2				
Union Power Station	Arkansas	55380	CTG-3				
Union Power Station	Arkansas	55380	CTG-4				
Union Power Station	Arkansas	55380	CTG-5				
Union Power Station	Arkansas	55380	CTG-6				
Union Power Station	Arkansas	55380	CTG-7				
Union Power Station	Arkansas	55380	CTG-8				
White Bluff	Arkansas	6009	1				
White Bluff	Arkansas	6009	2				
AL Sandersville	Georgia	55672	CT1	0	0	0	0
AL Sandersville	Georgia	55672	CT2	0	0	0	0
AL Sandersville	Georgia	55672	CT3	0	0	0	0
AL Sandersville	Georgia	55672	CT4	0	0	0	0
AL Sandersville	Georgia	55672	CT5	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Lake Catherine	Arkansas	170	4				
McClellan	Arkansas	203	01				
Oswald Generating Station	Arkansas	55221	G1				
Oswald Generating Station	Arkansas	55221	G2				
Oswald Generating Station	Arkansas	55221	G3				
Oswald Generating Station	Arkansas	55221	G4				
Oswald Generating Station	Arkansas	55221	G5				
Oswald Generating Station	Arkansas	55221	G6				
Oswald Generating Station	Arkansas	55221	G7				
Pine Bluff Energy Center	Arkansas	55075	CT-1				
Robert E Ritchie	Arkansas	173	2				
Thomas Fitzhugh	Arkansas	201	2				
Union Power Station	Arkansas	55380	CTG-1				
Union Power Station	Arkansas	55380	CTG-2				
Union Power Station	Arkansas	55380	CTG-3				
Union Power Station	Arkansas	55380	CTG-4				
Union Power Station	Arkansas	55380	CTG-5				
Union Power Station	Arkansas	55380	CTG-6				
Union Power Station	Arkansas	55380	CTG-7				
Union Power Station	Arkansas	55380	CTG-8				
White Bluff	Arkansas	6009	1				
White Bluff	Arkansas	6009	2				
AL Sandersville	Georgia	55672	CT1			2	2
AL Sandersville	Georgia	55672	CT2			1	1
AL Sandersville	Georgia	55672	CT3			2	2
AL Sandersville	Georgia	55672	CT4			1	1
AL Sandersville	Georgia	55672	CT5			2	2

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)			
Lake Catherine	Arkansas	170	4			211,038	411,963	1,158,574
McClellan	Arkansas	203	01			1,204,495	1,362,520	1,223,299
Oswald Generating Station	Arkansas	55221	G1			166,788	396,716	175,691
Oswald Generating Station	Arkansas	55221	G2			182,692	302,891	125,531
Oswald Generating Station	Arkansas	55221	G3			269,756	66,734	187,850
Oswald Generating Station	Arkansas	55221	G4			231,019	249,616	212,052
Oswald Generating Station	Arkansas	55221	G5			224,873	255,682	205,851
Oswald Generating Station	Arkansas	55221	G6			136,454	256,468	232,229
Oswald Generating Station	Arkansas	55221	G7			755,250	983,118	667,108
Pine Bluff Energy Center	Arkansas	55075	CT-1			4,551,885	3,416,749	4,855,513
Robert E Ritchie	Arkansas	173	2					
Thomas Fitzhugh	Arkansas	201	2			1,222,329	902,889	336,262
Union Power Station	Arkansas	55380	CTG-1			3,169,089	1,972,341	1,836,449
Union Power Station	Arkansas	55380	CTG-2			3,365,866	1,906,443	1,606,148
Union Power Station	Arkansas	55380	CTG-3			1,549,024	2,504,077	895,550
Union Power Station	Arkansas	55380	CTG-4			2,923,331	2,703,762	897,966
Union Power Station	Arkansas	55380	CTG-5			3,263,437	3,064,423	2,298,202
Union Power Station	Arkansas	55380	CTG-6			3,020,779	2,813,693	2,612,638
Union Power Station	Arkansas	55380	CTG-7			3,158,515	2,670,659	1,651,630
Union Power Station	Arkansas	55380	CTG-8			3,349,160	2,833,916	1,513,504
White Bluff	Arkansas	6009	1			25,808,126	24,579,069	20,641,884
White Bluff	Arkansas	6009	2			25,102,688	21,155,183	26,038,862
AL Sandersville	Georgia	55672	CT1	2	2	52,603	123,247	12,258
AL Sandersville	Georgia	55672	CT2	1	1	34,483	122,107	21,374
AL Sandersville	Georgia	55672	CT3	2	2	44,463	121,605	20,498
AL Sandersville	Georgia	55672	CT4	1	1	58,042	116,561	26,351
AL Sandersville	Georgia	55672	CT5	2	2	42,155	172,545	29,934

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Lake Catherine	Arkansas	170	4	1,415,815	1,799,957	1,458,115	189,431,481	0.007697
McClellan	Arkansas	203	01	1,022,363	1,577,483	1,387,767	189,431,481	0.007326
Oswald Generating Station	Arkansas	55221	G1	127,064	340,331	304,246	189,431,481	0.001606
Oswald Generating Station	Arkansas	55221	G2	141,011	248,049	244,544	189,431,481	0.001291
Oswald Generating Station	Arkansas	55221	G3	118,634	372,782	276,796	189,431,481	0.001461
Oswald Generating Station	Arkansas	55221	G4	153,772	314,054	264,896	189,431,481	0.001398
Oswald Generating Station	Arkansas	55221	G5	154,747	295,922	258,826	189,431,481	0.001366
Oswald Generating Station	Arkansas	55221	G6	141,203	384,935	291,211	189,431,481	0.001537
Oswald Generating Station	Arkansas	55221	G7	389,672	1,056,694	931,687	189,431,481	0.004918
Pine Bluff Energy Center	Arkansas	55075	CT-1	5,541,777	5,428,136	5,275,142	189,431,481	0.027847
Robert E Ritchie	Arkansas	173	2				189,431,481	
Thomas Fitzhugh	Arkansas	201	2	446,222	589,664	904,961	189,431,481	0.004777
Union Power Station	Arkansas	55380	CTG-1	2,539,956	3,171,052	2,960,033	189,431,481	0.015626
Union Power Station	Arkansas	55380	CTG-2	2,415,377	3,235,027	3,005,423	189,431,481	0.015865
Union Power Station	Arkansas	55380	CTG-3	2,708,423	3,481,768	2,898,089	189,431,481	0.015299
Union Power Station	Arkansas	55380	CTG-4	2,538,844	3,307,618	2,978,237	189,431,481	0.015722
Union Power Station	Arkansas	55380	CTG-5	2,796,025	3,149,297	3,159,052	189,431,481	0.016676
Union Power Station	Arkansas	55380	CTG-6	2,814,779	3,012,809	2,949,456	189,431,481	0.015570
Union Power Station	Arkansas	55380	CTG-7	2,287,746	3,311,010	3,046,728	189,431,481	0.016084
Union Power Station	Arkansas	55380	CTG-8	2,384,735	3,261,634	3,148,237	189,431,481	0.016619
White Bluff	Arkansas	6009	1	20,926,770	29,784,908	26,724,034	189,431,481	0.141075
White Bluff	Arkansas	6009	2	26,556,064	27,184,678	26,593,201	189,431,481	0.140384
AL Sandersville	Georgia	55672	CT1	3,573	64,494	80,115	497,863,973	0.000161
AL Sandersville	Georgia	55672	CT2	4,640	71,255	75,948	497,863,973	0.000153
AL Sandersville	Georgia	55672	CT3	9,184	65,561	77,210	497,863,973	0.000155
AL Sandersville	Georgia	55672	CT4	8,103	72,493	82,366	497,863,973	0.000165
AL Sandersville	Georgia	55672	CT5	5,939	66,445	93,715	497,863,973	0.000188

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Lake Catherine	Arkansas	170	4	14,354	13,901	110	107	271	69
McClellan	Arkansas	203	01	14,354	13,901	105	102	191	303
Oswald Generating Station	Arkansas	55221	G1	14,354	13,901	23	22	5	
Oswald Generating Station	Arkansas	55221	G2	14,354	13,901	19	18	5	
Oswald Generating Station	Arkansas	55221	G3	14,354	13,901	21	20	4	
Oswald Generating Station	Arkansas	55221	G4	14,354	13,901	20	19	5	
Oswald Generating Station	Arkansas	55221	G5	14,354	13,901	20	19	5	
Oswald Generating Station	Arkansas	55221	G6	14,354	13,901	22	21	4	
Oswald Generating Station	Arkansas	55221	G7	14,354	13,901	71	68	3	
Pine Bluff Energy Center	Arkansas	55075	CT-1	14,354	13,901	400	387	231	81
Robert E Ritchie	Arkansas	173	2	14,354	13,901			0	
Thomas Fitzhugh	Arkansas	201	2	14,354	13,901	69	66	10	3
Union Power Station	Arkansas	55380	CTG-1	14,354	13,901	224	217	23	19
Union Power Station	Arkansas	55380	CTG-2	14,354	13,901	228	221	24	18
Union Power Station	Arkansas	55380	CTG-3	14,354	13,901	220	213	31	8
Union Power Station	Arkansas	55380	CTG-4	14,354	13,901	226	219	24	7
Union Power Station	Arkansas	55380	CTG-5	14,354	13,901	239	232	27	20
Union Power Station	Arkansas	55380	CTG-6	14,354	13,901	223	216	29	17
Union Power Station	Arkansas	55380	CTG-7	14,354	13,901	231	224	22	23
Union Power Station	Arkansas	55380	CTG-8	14,354	13,901	239	231	25	21
White Bluff	Arkansas	6009	1	14,354	13,901	2,025	1,961	4,511	3,826
White Bluff	Arkansas	6009	2	14,354	13,901	2,015	1,951	4,513	4,024
AL Sandersville	Georgia	55672	CT1	27,385	23,560	4	4		0
AL Sandersville	Georgia	55672	CT2	27,385	23,560	4	4		0
AL Sandersville	Georgia	55672	CT3	27,385	23,560	4	4		0
AL Sandersville	Georgia	55672	CT4	27,385	23,560	5	4		0
AL Sandersville	Georgia	55672	CT5	27,385	23,560	5	4		0

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Lake Catherine	Arkansas	170	4	102	20	89	113	191	151
McClellan	Arkansas	203	01	154	123	150	109	105	207
Oswald Generating Station	Arkansas	55221	G1		8	17	8	6	15
Oswald Generating Station	Arkansas	55221	G2		8	14	6	7	12
Oswald Generating Station	Arkansas	55221	G3		11	3	9	5	16
Oswald Generating Station	Arkansas	55221	G4		10	11	10	7	14
Oswald Generating Station	Arkansas	55221	G5		10	12	9	7	14
Oswald Generating Station	Arkansas	55221	G6		6	11	11	6	18
Oswald Generating Station	Arkansas	55221	G7		19	13	10	7	16
Pine Bluff Energy Center	Arkansas	55075	CT-1	76	74	69	71	80	79
Robert E Ritchie	Arkansas	173	2						
Thomas Fitzhugh	Arkansas	201	2	55	56	78	22	24	36
Union Power Station	Arkansas	55380	CTG-1	23	31	20	19	22	27
Union Power Station	Arkansas	55380	CTG-2	23	34	17	15	20	25
Union Power Station	Arkansas	55380	CTG-3	23	15	20	11	23	32
Union Power Station	Arkansas	55380	CTG-4	21	28	22	8	18	27
Union Power Station	Arkansas	55380	CTG-5	18	31	25	21	20	26
Union Power Station	Arkansas	55380	CTG-6	18	31	25	26	20	24
Union Power Station	Arkansas	55380	CTG-7	25	33	22	17	20	27
Union Power Station	Arkansas	55380	CTG-8	27	34	25	15	19	25
White Bluff	Arkansas	6009	1	3,595	3,238	3,052	2,813	2,625	3,845
White Bluff	Arkansas	6009	2	3,838	3,358	3,170	4,018	3,695	4,321
AL Sandersville	Georgia	55672	CT1	0	1	2	0	0	1
AL Sandersville	Georgia	55672	CT2	0	0	1	0	0	1
AL Sandersville	Georgia	55672	CT3	0	1	2	0	0	1
AL Sandersville	Georgia	55672	CT4		1	1	0	0	1
AL Sandersville	Georgia	55672	CT5	0	1	2	0	0	1

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Lake Catherine	Arkansas	170	4	271					
McClellan	Arkansas	203	01	303					
Oswald Generating Station	Arkansas	55221	G1	17					
Oswald Generating Station	Arkansas	55221	G2	14					
Oswald Generating Station	Arkansas	55221	G3	16					
Oswald Generating Station	Arkansas	55221	G4	14					
Oswald Generating Station	Arkansas	55221	G5	14					
Oswald Generating Station	Arkansas	55221	G6	18					
Oswald Generating Station	Arkansas	55221	G7	19					
Pine Bluff Energy Center	Arkansas	55075	CT-1	231					
Robert E Ritchie	Arkansas	173	2	0					
Thomas Fitzhugh	Arkansas	201	2	78					
Union Power Station	Arkansas	55380	CTG-1	31					
Union Power Station	Arkansas	55380	CTG-2	34					
Union Power Station	Arkansas	55380	CTG-3	32					
Union Power Station	Arkansas	55380	CTG-4	28					
Union Power Station	Arkansas	55380	CTG-5	31					
Union Power Station	Arkansas	55380	CTG-6	31					
Union Power Station	Arkansas	55380	CTG-7	33					
Union Power Station	Arkansas	55380	CTG-8	34					
White Bluff	Arkansas	6009	1	4,511					
White Bluff	Arkansas	6009	2	4,513					
AL Sandersville	Georgia	55672	CT1	2					
AL Sandersville	Georgia	55672	CT2	1					
AL Sandersville	Georgia	55672	CT3	2					
AL Sandersville	Georgia	55672	CT4	1					
AL Sandersville	Georgia	55672	CT5	2					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Lake Catherine	Arkansas	170	4			144	144
McClellan	Arkansas	203	01			137	137
Oswald Generating Station	Arkansas	55221	G1			17	17
Oswald Generating Station	Arkansas	55221	G2			14	14
Oswald Generating Station	Arkansas	55221	G3			16	16
Oswald Generating Station	Arkansas	55221	G4			14	14
Oswald Generating Station	Arkansas	55221	G5			14	14
Oswald Generating Station	Arkansas	55221	G6			18	18
Oswald Generating Station	Arkansas	55221	G7			19	19
Pine Bluff Energy Center	Arkansas	55075	CT-1			231	231
Robert E Ritchie	Arkansas	173	2			0	0
Thomas Fitzhugh	Arkansas	201	2			78	78
Union Power Station	Arkansas	55380	CTG-1			31	31
Union Power Station	Arkansas	55380	CTG-2			34	34
Union Power Station	Arkansas	55380	CTG-3			32	32
Union Power Station	Arkansas	55380	CTG-4			28	28
Union Power Station	Arkansas	55380	CTG-5			31	31
Union Power Station	Arkansas	55380	CTG-6			31	31
Union Power Station	Arkansas	55380	CTG-7			33	33
Union Power Station	Arkansas	55380	CTG-8			34	34
White Bluff	Arkansas	6009	1			2,635	2,635
White Bluff	Arkansas	6009	2			2,622	2,622
AL Sandersville	Georgia	55672	CT1				
AL Sandersville	Georgia	55672	CT2				
AL Sandersville	Georgia	55672	CT3				
AL Sandersville	Georgia	55672	CT4				
AL Sandersville	Georgia	55672	CT5				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Lake Catherine	Arkansas	170	4	139	139	139	139
McClellan	Arkansas	203	01	132	132	132	132
Oswald Generating Station	Arkansas	55221	G1	17	17	17	17
Oswald Generating Station	Arkansas	55221	G2	14	14	14	14
Oswald Generating Station	Arkansas	55221	G3	16	16	16	16
Oswald Generating Station	Arkansas	55221	G4	14	14	14	14
Oswald Generating Station	Arkansas	55221	G5	14	14	14	14
Oswald Generating Station	Arkansas	55221	G6	18	18	18	18
Oswald Generating Station	Arkansas	55221	G7	19	19	19	19
Pine Bluff Energy Center	Arkansas	55075	CT-1	231	231	231	231
Robert E Ritchie	Arkansas	173	2	0	0	0	0
Thomas Fitzhugh	Arkansas	201	2	78	78	78	78
Union Power Station	Arkansas	55380	CTG-1	31	31	31	31
Union Power Station	Arkansas	55380	CTG-2	34	34	34	34
Union Power Station	Arkansas	55380	CTG-3	32	32	32	32
Union Power Station	Arkansas	55380	CTG-4	28	28	28	28
Union Power Station	Arkansas	55380	CTG-5	31	31	31	31
Union Power Station	Arkansas	55380	CTG-6	31	31	31	31
Union Power Station	Arkansas	55380	CTG-7	33	33	33	33
Union Power Station	Arkansas	55380	CTG-8	34	34	34	34
White Bluff	Arkansas	6009	1	2,546	2,546	2,546	2,546
White Bluff	Arkansas	6009	2	2,534	2,534	2,534	2,534
AL Sandersville	Georgia	55672	CT1	2	2	2	2
AL Sandersville	Georgia	55672	CT2	1	1	1	1
AL Sandersville	Georgia	55672	CT3	2	2	2	2
AL Sandersville	Georgia	55672	CT4	1	1	1	1
AL Sandersville	Georgia	55672	CT5	2	2	2	2

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Lake Catherine	Arkansas	170	4				Y		
McClellan	Arkansas	203	01				Y		
Oswald Generating Station	Arkansas	55221	G1				Y		
Oswald Generating Station	Arkansas	55221	G2				Y		
Oswald Generating Station	Arkansas	55221	G3				Y		
Oswald Generating Station	Arkansas	55221	G4				Y		
Oswald Generating Station	Arkansas	55221	G5				Y		
Oswald Generating Station	Arkansas	55221	G6				Y		
Oswald Generating Station	Arkansas	55221	G7				Y		
Pine Bluff Energy Center	Arkansas	55075	CT-1				Y		
Robert E Ritchie	Arkansas	173	2				Y		
Thomas Fitzhugh	Arkansas	201	2				Y		
Union Power Station	Arkansas	55380	CTG-1				Y		
Union Power Station	Arkansas	55380	CTG-2				Y		
Union Power Station	Arkansas	55380	CTG-3				Y		
Union Power Station	Arkansas	55380	CTG-4				Y		
Union Power Station	Arkansas	55380	CTG-5				Y		
Union Power Station	Arkansas	55380	CTG-6				Y		
Union Power Station	Arkansas	55380	CTG-7				Y		
Union Power Station	Arkansas	55380	CTG-8				Y		
White Bluff	Arkansas	6009	1				Y		
White Bluff	Arkansas	6009	2				Y		
AL Sandersville	Georgia	55672	CT1	Y		Y	Y		
AL Sandersville	Georgia	55672	CT2	Y		Y	Y		
AL Sandersville	Georgia	55672	CT3	Y		Y	Y		
AL Sandersville	Georgia	55672	CT4	Y		Y	Y		
AL Sandersville	Georgia	55672	CT5	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
AL Sandersville	Georgia	55672	CT6	8846	25,896	137,685	22,081	7,651	67,702
AL Sandersville	Georgia	55672	CT7	8848	38,600	104,127	25,380	9,317	86,399
AL Sandersville	Georgia	55672	CT8	8850	16,083	107,993	24,991	8,505	54,756
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A	89926			11,542	14,907	11,231
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B	89927			11,507	13,671	16,725
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C	89928			13,992	11,135	11,548
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D	89929			14,793	9,514	14,976
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E	89930			15,432	10,191	13,767
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F	89931			14,852	13,881	11,673
Baconton	Georgia	55304	CT1	4484	37,982	61,547	19,786	255,204	531,964
Baconton	Georgia	55304	CT4	4485	62,007	101,178	26,619	264,533	539,455
Baconton	Georgia	55304	CT5	4486	72,573	107,020	19,371	259,781	549,630
Baconton	Georgia	55304	CT6	4487	69,720	49,905	7,035	261,168	506,266
Bowen	Georgia	703	1BLR	534	47,907,747	50,008,871	44,379,294	50,324,340	42,816,034
Bowen	Georgia	703	2BLR	535	47,907,871	47,135,194	52,100,570	46,280,501	55,689,638
Bowen	Georgia	703	3BLR	536	59,843,824	72,923,519	62,193,449	55,443,349	66,719,638
Bowen	Georgia	703	4BLR	537	66,135,899	56,480,417	57,357,980	62,026,559	58,924,186
Bowen	Georgia	703	6A	90188			400	276	158
Bowen	Georgia	703	6B	90272			400	315	242
Chattahoochee Energy Facility	Georgia	7917	8A	3371	4,060,784	6,307,902	6,101,116	8,639,394	6,079,128
Chattahoochee Energy Facility	Georgia	7917	8B	3372	3,157,380	4,674,514	4,495,088	7,440,475	5,402,987
Dahlberg (Jackson County)	Georgia	7765	1	3178	141,747	273,152	227,502	69,681	136,867
Dahlberg (Jackson County)	Georgia	7765	10	3179	109,998	315,951	126,933	404,971	422,670
Dahlberg (Jackson County)	Georgia	7765	2	3186	75,856	364,577	137,839	364,498	420,589
Dahlberg (Jackson County)	Georgia	7765	3	3187	126,736	277,907	170,976	54,654	169,017
Dahlberg (Jackson County)	Georgia	7765	4	3188	75,652	311,253	203,991	378,448	688,276
Dahlberg (Jackson County)	Georgia	7765	5	3189	119,161	252,840	203,442	48,129	134,535

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
AL Sandersville	Georgia	55672	CT6	77,095	1,055,697,849	0.000073	155,356	132,854
AL Sandersville	Georgia	55672	CT7	76,376	1,055,697,849	0.000072	155,356	132,854
AL Sandersville	Georgia	55672	CT8	62,580	1,055,697,849	0.000059	155,356	132,854
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A	12,560	1,055,697,849	0.000012	155,356	132,854
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B	13,968	1,055,697,849	0.000013	155,356	132,854
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C	12,225	1,055,697,849	0.000012	155,356	132,854
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D	13,094	1,055,697,849	0.000012	155,356	132,854
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E	13,130	1,055,697,849	0.000012	155,356	132,854
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F	13,468	1,055,697,849	0.000013	155,356	132,854
Baconton	Georgia	55304	CT1	282,905	1,055,697,849	0.000268	155,356	132,854
Baconton	Georgia	55304	CT4	301,722	1,055,697,849	0.000286	155,356	132,854
Baconton	Georgia	55304	CT5	305,477	1,055,697,849	0.000289	155,356	132,854
Baconton	Georgia	55304	CT6	279,051	1,055,697,849	0.000264	155,356	132,854
Bowen	Georgia	703	1BLR	49,413,653	1,055,697,849	0.046807	155,356	132,854
Bowen	Georgia	703	2BLR	51,899,359	1,055,697,849	0.049161	155,356	132,854
Bowen	Georgia	703	3BLR	67,278,869	1,055,697,849	0.063729	155,356	132,854
Bowen	Georgia	703	4BLR	62,362,214	1,055,697,849	0.059072	155,356	132,854
Bowen	Georgia	703	6A	278	1,055,697,849	0.000000	155,356	132,854
Bowen	Georgia	703	6B	319	1,055,697,849	0.000000	155,356	132,854
Chattahoochee Energy Facility	Georgia	7917	8A	7,016,137	1,055,697,849	0.006646	155,356	132,854
Chattahoochee Energy Facility	Georgia	7917	8B	5,839,325	1,055,697,849	0.005531	155,356	132,854
Dahlberg (Jackson County)	Georgia	7765	1	214,134	1,055,697,849	0.000203	155,356	132,854
Dahlberg (Jackson County)	Georgia	7765	10	381,197	1,055,697,849	0.000361	155,356	132,854
Dahlberg (Jackson County)	Georgia	7765	2	383,221	1,055,697,849	0.000363	155,356	132,854
Dahlberg (Jackson County)	Georgia	7765	3	205,967	1,055,697,849	0.000195	155,356	132,854
Dahlberg (Jackson County)	Georgia	7765	4	459,326	1,055,697,849	0.000435	155,356	132,854
Dahlberg (Jackson County)	Georgia	7765	5	196,939	1,055,697,849	0.000187	155,356	132,854

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
AL Sandersville	Georgia	55672	CT6	60,770	52,663	11	10	4	4
AL Sandersville	Georgia	55672	CT7	60,770	52,663	11	10	4	4
AL Sandersville	Georgia	55672	CT8	60,770	52,663	9	8	4	3
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A	60,770	52,663	2	2	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B	60,770	52,663	2	2	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C	60,770	52,663	2	2	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D	60,770	52,663	2	2	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E	60,770	52,663	2	2	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F	60,770	52,663	2	2	1	1
Baconton	Georgia	55304	CT1	60,770	52,663	42	36	16	14
Baconton	Georgia	55304	CT4	60,770	52,663	44	38	17	15
Baconton	Georgia	55304	CT5	60,770	52,663	45	38	18	15
Baconton	Georgia	55304	CT6	60,770	52,663	41	35	16	14
Bowen	Georgia	703	1BLR	60,770	52,663	7,272	6,218	2,844	2,465
Bowen	Georgia	703	2BLR	60,770	52,663	7,637	6,531	2,988	2,589
Bowen	Georgia	703	3BLR	60,770	52,663	9,901	8,467	3,873	3,356
Bowen	Georgia	703	4BLR	60,770	52,663	9,177	7,848	3,590	3,111
Bowen	Georgia	703	6A	60,770	52,663	0	0	0	0
Bowen	Georgia	703	6B	60,770	52,663	0	0	0	0
Chattahoochee Energy Facility	Georgia	7917	8A	60,770	52,663	1,032	883	404	350
Chattahoochee Energy Facility	Georgia	7917	8B	60,770	52,663	859	735	336	291
Dahlberg (Jackson County)	Georgia	7765	1	60,770	52,663	32	27	12	11
Dahlberg (Jackson County)	Georgia	7765	10	60,770	52,663	56	48	22	19
Dahlberg (Jackson County)	Georgia	7765	2	60,770	52,663	56	48	22	19
Dahlberg (Jackson County)	Georgia	7765	3	60,770	52,663	30	26	12	10
Dahlberg (Jackson County)	Georgia	7765	4	60,770	52,663	68	58	26	23
Dahlberg (Jackson County)	Georgia	7765	5	60,770	52,663	29	25	11	10

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
AL Sandersville	Georgia	55672	CT6		0	0	0	0
AL Sandersville	Georgia	55672	CT7	0	0		0	0
AL Sandersville	Georgia	55672	CT8	0	0		0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A					
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B					
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C					
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D					
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E					
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F					
Baconton	Georgia	55304	CT1	1	0	0	0	0
Baconton	Georgia	55304	CT4	1	0	0	0	0
Baconton	Georgia	55304	CT5	1	0	0	0	0
Baconton	Georgia	55304	CT6	1	0	0	0	0
Bowen	Georgia	703	1BLR	34,644	34,447	39,451	44,181	42,967
Bowen	Georgia	703	2BLR	34,063	38,494	48,000	43,876	39,888
Bowen	Georgia	703	3BLR	46,724	50,603	48,713	56,594	64,746
Bowen	Georgia	703	4BLR	49,453	42,370	50,305	61,790	49,240
Bowen	Georgia	703	6A					
Bowen	Georgia	703	6B					
Chattahoochee Energy Facility	Georgia	7917	8A	1	1	1	1	2
Chattahoochee Energy Facility	Georgia	7917	8B	1	1	1	1	1
Dahlberg (Jackson County)	Georgia	7765	1	0	0	0	0	1
Dahlberg (Jackson County)	Georgia	7765	10	0	0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	2	0	0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	3	0	0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	4	0	0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	5	0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns V - AC		
AL Sandersville	Georgia	55672	CT6	0	0	0	0		
AL Sandersville	Georgia	55672	CT7	0	0	0	0		
AL Sandersville	Georgia	55672	CT8	0	0	0	0		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A		8	1	8		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B		7	1	7		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C		6	1	6		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D		5	1	5		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E		5	1	5		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F		7	1	7		
Baconton	Georgia	55304	CT1	0	0	0	1		
Baconton	Georgia	55304	CT4	0	0	0	1		
Baconton	Georgia	55304	CT5	0	0	0	1		
Baconton	Georgia	55304	CT6	0	0	0	1		
Bowen	Georgia	703	1BLR	40,749	41,320	1,027	44,181		
Bowen	Georgia	703	2BLR	47,130	8,144	1,385	48,000		
Bowen	Georgia	703	3BLR	15,416	2,902	1,663	64,746		
Bowen	Georgia	703	4BLR	44,854	2,444	3,543	61,790		
Bowen	Georgia	703	6A		0	0	0		
Bowen	Georgia	703	6B		0	0	0		
Chattahoochee Energy Facility	Georgia	7917	8A	2	3	2	3		
Chattahoochee Energy Facility	Georgia	7917	8B	1	2	2	2		
Dahlberg (Jackson County)	Georgia	7765	1	0	0	0	1		
Dahlberg (Jackson County)	Georgia	7765	10	0	0	0	0		
Dahlberg (Jackson County)	Georgia	7765	2	1	0	0	1		
Dahlberg (Jackson County)	Georgia	7765	3	0	0	0	0		
Dahlberg (Jackson County)	Georgia	7765	4	1	1	0	1		
Dahlberg (Jackson County)	Georgia	7765	5	1	0	0	1		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
AL Sandersville	Georgia	55672	CT6					0	0
AL Sandersville	Georgia	55672	CT7					0	0
AL Sandersville	Georgia	55672	CT8					0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A						
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B						
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C						
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D						
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E						
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F						
Baconton	Georgia	55304	CT1					5	0
Baconton	Georgia	55304	CT4					5	0
Baconton	Georgia	55304	CT5					6	0
Baconton	Georgia	55304	CT6					5	0
Bowen	Georgia	703	1BLR					4,695	5,129
Bowen	Georgia	703	2BLR					4,760	5,364
Bowen	Georgia	703	3BLR					7,308	7,979
Bowen	Georgia	703	4BLR					8,198	6,298
Bowen	Georgia	703	6A						
Bowen	Georgia	703	6B						
Chattahoochee Energy Facility	Georgia	7917	8A					16	23
Chattahoochee Energy Facility	Georgia	7917	8B					18	23
Dahlberg (Jackson County)	Georgia	7765	1					1	1
Dahlberg (Jackson County)	Georgia	7765	10					2	1
Dahlberg (Jackson County)	Georgia	7765	2					2	2
Dahlberg (Jackson County)	Georgia	7765	3					2	1
Dahlberg (Jackson County)	Georgia	7765	4					2	2
Dahlberg (Jackson County)	Georgia	7765	5					2	1

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
AL Sandersville	Georgia	55672	CT6	0	0	2	0	0
AL Sandersville	Georgia	55672	CT7		1	1	0	0
AL Sandersville	Georgia	55672	CT8		0	1	0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A				4	4
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B				4	4
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C				4	3
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D				4	2
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E				5	3
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F				5	4
Baconton	Georgia	55304	CT1	1	2	3	1	11
Baconton	Georgia	55304	CT4	2	3	4	1	11
Baconton	Georgia	55304	CT5	2	3	5	1	12
Baconton	Georgia	55304	CT6	2	3	2	0	11
Bowen	Georgia	703	1BLR	5,344	6,199	3,559	5,359	1,619
Bowen	Georgia	703	2BLR	7,153	6,094	4,852	6,962	1,582
Bowen	Georgia	703	3BLR	6,597	7,266	5,707	4,776	1,794
Bowen	Georgia	703	4BLR	7,151	9,076	4,359	6,972	1,952
Bowen	Georgia	703	6A				0	0
Bowen	Georgia	703	6B				0	0
Chattahoochee Energy Facility	Georgia	7917	8A	29	30	42	42	52
Chattahoochee Energy Facility	Georgia	7917	8B	20	22	31	31	50
Dahlberg (Jackson County)	Georgia	7765	1	1	2	5	5	1
Dahlberg (Jackson County)	Georgia	7765	10	2	2	8	3	10
Dahlberg (Jackson County)	Georgia	7765	2	2	1	4	3	5
Dahlberg (Jackson County)	Georgia	7765	3	1	2	4	3	1
Dahlberg (Jackson County)	Georgia	7765	4	2	1	15	4	5
Dahlberg (Jackson County)	Georgia	7765	5	1	2	4	4	1

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
AL Sandersville	Georgia	55672	CT6	1	2				
AL Sandersville	Georgia	55672	CT7	2	2				
AL Sandersville	Georgia	55672	CT8	1	1				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A	3	4				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B	5	5				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C	3	4				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D	4	4				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E	4	5				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F	3	5				
Baconton	Georgia	55304	CT1	23	23				
Baconton	Georgia	55304	CT4	22	22				
Baconton	Georgia	55304	CT5	25	25				
Baconton	Georgia	55304	CT6	24	24				
Bowen	Georgia	703	1BLR	1,380	6,199				
Bowen	Georgia	703	2BLR	1,796	7,153				
Bowen	Georgia	703	3BLR	2,133	7,979				
Bowen	Georgia	703	4BLR	1,948	9,076				
Bowen	Georgia	703	6A	0	0				
Bowen	Georgia	703	6B	0	0				
Chattahoochee Energy Facility	Georgia	7917	8A	36	52				
Chattahoochee Energy Facility	Georgia	7917	8B	32	50				
Dahlberg (Jackson County)	Georgia	7765	1	3	5				
Dahlberg (Jackson County)	Georgia	7765	10	7	10				
Dahlberg (Jackson County)	Georgia	7765	2	7	7				
Dahlberg (Jackson County)	Georgia	7765	3	3	4				
Dahlberg (Jackson County)	Georgia	7765	4	11	15				
Dahlberg (Jackson County)	Georgia	7765	5	2	4				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
AL Sandersville	Georgia	55672	CT6				
AL Sandersville	Georgia	55672	CT7				
AL Sandersville	Georgia	55672	CT8				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F				
Baconton	Georgia	55304	CT1				
Baconton	Georgia	55304	CT4				
Baconton	Georgia	55304	CT5				
Baconton	Georgia	55304	CT6				
Bowen	Georgia	703	1BLR				
Bowen	Georgia	703	2BLR				
Bowen	Georgia	703	3BLR				
Bowen	Georgia	703	4BLR				
Bowen	Georgia	703	6A				
Bowen	Georgia	703	6B				
Chattahoochee Energy Facility	Georgia	7917	8A				
Chattahoochee Energy Facility	Georgia	7917	8B				
Dahlberg (Jackson County)	Georgia	7765	1				
Dahlberg (Jackson County)	Georgia	7765	10				
Dahlberg (Jackson County)	Georgia	7765	2				
Dahlberg (Jackson County)	Georgia	7765	3				
Dahlberg (Jackson County)	Georgia	7765	4				
Dahlberg (Jackson County)	Georgia	7765	5				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
AL Sandersville	Georgia	55672	CT6	0	0	0	0
AL Sandersville	Georgia	55672	CT7	0	0	0	0
AL Sandersville	Georgia	55672	CT8	0	0	0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A	2	2	2	2
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B	2	2	2	2
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C	2	2	2	2
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D	2	2	2	2
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E	2	2	2	2
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F	2	2	2	2
Baconton	Georgia	55304	CT1	1	1	1	1
Baconton	Georgia	55304	CT4	1	1	1	1
Baconton	Georgia	55304	CT5	1	1	1	1
Baconton	Georgia	55304	CT6	1	1	1	1
Bowen	Georgia	703	1BLR	7,280	7,280	7,280	7,280
Bowen	Georgia	703	2BLR	7,646	7,646	7,646	7,646
Bowen	Georgia	703	3BLR	9,912	9,912	9,912	9,912
Bowen	Georgia	703	4BLR	9,188	9,188	9,188	9,188
Bowen	Georgia	703	6A	0	0	0	0
Bowen	Georgia	703	6B	0	0	0	0
Chattahoochee Energy Facility	Georgia	7917	8A	3	3	3	3
Chattahoochee Energy Facility	Georgia	7917	8B	2	2	2	2
Dahlberg (Jackson County)	Georgia	7765	1	1	1	1	1
Dahlberg (Jackson County)	Georgia	7765	10	0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	2	1	1	1	1
Dahlberg (Jackson County)	Georgia	7765	3	0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	4	1	1	1	1
Dahlberg (Jackson County)	Georgia	7765	5	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
AL Sandersville	Georgia	55672	CT6			2	2
AL Sandersville	Georgia	55672	CT7			2	2
AL Sandersville	Georgia	55672	CT8			1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A			1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B			1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C			1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D			1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E			1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F			1	1
Baconton	Georgia	55304	CT1			16	16
Baconton	Georgia	55304	CT4			17	17
Baconton	Georgia	55304	CT5			17	17
Baconton	Georgia	55304	CT6			16	16
Bowen	Georgia	703	1BLR			2,782	2,782
Bowen	Georgia	703	2BLR			2,921	2,921
Bowen	Georgia	703	3BLR			3,787	3,787
Bowen	Georgia	703	4BLR			3,510	3,510
Bowen	Georgia	703	6A			0	0
Bowen	Georgia	703	6B			0	0
Chattahoochee Energy Facility	Georgia	7917	8A			52	52
Chattahoochee Energy Facility	Georgia	7917	8B			50	50
Dahlberg (Jackson County)	Georgia	7765	1			5	5
Dahlberg (Jackson County)	Georgia	7765	10			10	10
Dahlberg (Jackson County)	Georgia	7765	2			7	7
Dahlberg (Jackson County)	Georgia	7765	3			4	4
Dahlberg (Jackson County)	Georgia	7765	4			15	15
Dahlberg (Jackson County)	Georgia	7765	5			4	4

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
AL Sandersville	Georgia	55672	CT6	2	2	25,896	137,685	22,081
AL Sandersville	Georgia	55672	CT7	2	2	38,600	104,127	25,380
AL Sandersville	Georgia	55672	CT8	1	1	16,083	107,993	24,991
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A	1	1			3,584
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B	1	1			7,887
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C	1	1			3,481
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D	1	1			3,493
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E	1	1			2,814
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F	1	1			3,016
Baconton	Georgia	55304	CT1	16	16	37,964	57,323	19,786
Baconton	Georgia	55304	CT4	17	17	61,979	95,077	26,619
Baconton	Georgia	55304	CT5	17	17	72,561	103,081	19,371
Baconton	Georgia	55304	CT6	16	16	69,703	48,225	7,035
Bowen	Georgia	703	1BLR	2,782	2,782	21,181,336	22,748,251	21,813,457
Bowen	Georgia	703	2BLR	2,921	2,921	23,017,172	23,194,225	21,282,575
Bowen	Georgia	703	3BLR	3,787	3,787	29,501,356	31,155,792	29,196,341
Bowen	Georgia	703	4BLR	3,510	3,510	28,192,896	26,641,076	25,359,043
Bowen	Georgia	703	6A	0	0			
Bowen	Georgia	703	6B	0	0			
Chattahoochee Energy Facility	Georgia	7917	8A	52	52	3,373,625	3,958,398	3,064,071
Chattahoochee Energy Facility	Georgia	7917	8B	50	50	2,686,627	3,337,448	2,478,737
Dahlberg (Jackson County)	Georgia	7765	1	5	5	108,153	184,778	106,255
Dahlberg (Jackson County)	Georgia	7765	10	10	10	53,552	207,386	33,067
Dahlberg (Jackson County)	Georgia	7765	2	7	7	50,617	241,765	62,921
Dahlberg (Jackson County)	Georgia	7765	3	4	4	96,232	193,689	90,823
Dahlberg (Jackson County)	Georgia	7765	4	15	15	47,205	203,076	92,720
Dahlberg (Jackson County)	Georgia	7765	5	4	4	91,094	166,649	87,334

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
AL Sandersville	Georgia	55672	CT6	2,569	64,473	76,018	497,863,973	0.000153
AL Sandersville	Georgia	55672	CT7	5,060	65,034	69,254	497,863,973	0.000139
AL Sandersville	Georgia	55672	CT8	3,296	51,054	61,346	497,863,973	0.000123
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A	2,803	3,876	3,421	497,863,973	0.000007
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B	5,246	3,547	5,560	497,863,973	0.000011
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C	3,428	3,366	3,425	497,863,973	0.000007
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D	2,979	3,481	3,318	497,863,973	0.000007
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E	2,471	2,422	2,569	497,863,973	0.000005
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F	5,723	2,488	3,742	497,863,973	0.000008
Baconton	Georgia	55304	CT1	211,129	413,370	227,274	497,863,973	0.000456
Baconton	Georgia	55304	CT4	220,805	405,960	240,614	497,863,973	0.000483
Baconton	Georgia	55304	CT5	213,858	410,348	242,429	497,863,973	0.000487
Baconton	Georgia	55304	CT6	219,905	389,739	226,449	497,863,973	0.000455
Bowen	Georgia	703	1BLR	22,228,312	21,968,567	22,315,043	497,863,973	0.044822
Bowen	Georgia	703	2BLR	22,816,585	23,187,708	23,133,035	497,863,973	0.046465
Bowen	Georgia	703	3BLR	28,183,170	29,135,877	29,951,163	497,863,973	0.060159
Bowen	Georgia	703	4BLR	26,621,666	28,827,852	27,887,275	497,863,973	0.056014
Bowen	Georgia	703	6A	34		34	497,863,973	0.000000
Bowen	Georgia	703	6B	15		15	497,863,973	0.000000
Chattahoochee Energy Facility	Georgia	7917	8A	3,885,405	4,323,917	4,055,907	497,863,973	0.008147
Chattahoochee Energy Facility	Georgia	7917	8B	3,267,153	3,941,762	3,515,455	497,863,973	0.007061
Dahlberg (Jackson County)	Georgia	7765	1	13,204	104,900	133,062	497,863,973	0.000267
Dahlberg (Jackson County)	Georgia	7765	10	280,949	202,425	230,254	497,863,973	0.000462
Dahlberg (Jackson County)	Georgia	7765	2	271,941	179,411	231,039	497,863,973	0.000464
Dahlberg (Jackson County)	Georgia	7765	3	13,158	148,234	146,051	497,863,973	0.000293
Dahlberg (Jackson County)	Georgia	7765	4	275,234	473,931	317,414	497,863,973	0.000638
Dahlberg (Jackson County)	Georgia	7765	5	12,740	107,466	121,736	497,863,973	0.000245

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
AL Sandersville	Georgia	55672	CT6	27,385	23,560	4	4		0
AL Sandersville	Georgia	55672	CT7	27,385	23,560	4	3		0
AL Sandersville	Georgia	55672	CT8	27,385	23,560	3	3		0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A	27,385	23,560	0	0		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B	27,385	23,560	0	0		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C	27,385	23,560	0	0		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D	27,385	23,560	0	0		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E	27,385	23,560	0	0		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F	27,385	23,560	0	0		
Baconton	Georgia	55304	CT1	27,385	23,560	13	11	0	
Baconton	Georgia	55304	CT4	27,385	23,560	13	11	2	0
Baconton	Georgia	55304	CT5	27,385	23,560	13	11	3	0
Baconton	Georgia	55304	CT6	27,385	23,560	12	11	2	0
Bowen	Georgia	703	1BLR	27,385	23,560	1,227	1,056	562	607
Bowen	Georgia	703	2BLR	27,385	23,560	1,272	1,095	617	662
Bowen	Georgia	703	3BLR	27,385	23,560	1,647	1,417	779	698
Bowen	Georgia	703	4BLR	27,385	23,560	1,534	1,320	742	702
Bowen	Georgia	703	6A	27,385	23,560	0	0		
Bowen	Georgia	703	6B	27,385	23,560	0	0		
Chattahoochee Energy Facility	Georgia	7917	8A	27,385	23,560	223	192	12	19
Chattahoochee Energy Facility	Georgia	7917	8B	27,385	23,560	193	166	11	18
Dahlberg (Jackson County)	Georgia	7765	1	27,385	23,560	7	6	0	1
Dahlberg (Jackson County)	Georgia	7765	10	27,385	23,560	13	11	1	1
Dahlberg (Jackson County)	Georgia	7765	2	27,385	23,560	13	11	0	1
Dahlberg (Jackson County)	Georgia	7765	3	27,385	23,560	8	7	0	1
Dahlberg (Jackson County)	Georgia	7765	4	27,385	23,560	17	15	1	1
Dahlberg (Jackson County)	Georgia	7765	5	27,385	23,560	7	6	1	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
AL Sandersville	Georgia	55672	CT6	0	0	2	0	0	1
AL Sandersville	Georgia	55672	CT7		1	1	0	0	1
AL Sandersville	Georgia	55672	CT8		0	1	0	0	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A				1	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B				2	2	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C				1	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D				1	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E				1	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F				1	2	1
Baconton	Georgia	55304	CT1	1	2	2	1	9	17
Baconton	Georgia	55304	CT4	2	3	4	1	9	16
Baconton	Georgia	55304	CT5	2	3	4	1	9	18
Baconton	Georgia	55304	CT6	2	3	2	0	9	18
Bowen	Georgia	703	1BLR	646	577	624	600	636	611
Bowen	Georgia	703	2BLR	669	621	650	602	642	638
Bowen	Georgia	703	3BLR	761	805	850	828	811	802
Bowen	Georgia	703	4BLR	803	798	736	723	747	786
Bowen	Georgia	703	6A					0	
Bowen	Georgia	703	6B					0	
Chattahoochee Energy Facility	Georgia	7917	8A	20	25	25	22	25	24
Chattahoochee Energy Facility	Georgia	7917	8B	16	18	22	17	23	23
Dahlberg (Jackson County)	Georgia	7765	1	1	2	3	2	0	1
Dahlberg (Jackson County)	Georgia	7765	10	1	1	7	0	3	3
Dahlberg (Jackson County)	Georgia	7765	2	1	1	2	1	3	2
Dahlberg (Jackson County)	Georgia	7765	3	1	1	3	1	0	2
Dahlberg (Jackson County)	Georgia	7765	4	1	1	13	1	4	7
Dahlberg (Jackson County)	Georgia	7765	5	1	1	2	1	0	1

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
AL Sandersville	Georgia	55672	CT6	2					
AL Sandersville	Georgia	55672	CT7	1					
AL Sandersville	Georgia	55672	CT8	1					
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A	1					
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B	2					
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C	1					
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D	1					
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E	1					
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F	2					
Baconton	Georgia	55304	CT1	17					
Baconton	Georgia	55304	CT4	16					
Baconton	Georgia	55304	CT5	18					
Baconton	Georgia	55304	CT6	18					
Bowen	Georgia	703	1BLR	646					
Bowen	Georgia	703	2BLR	669					
Bowen	Georgia	703	3BLR	850					
Bowen	Georgia	703	4BLR	803					
Bowen	Georgia	703	6A	0					
Bowen	Georgia	703	6B	0					
Chattahoochee Energy Facility	Georgia	7917	8A	25					
Chattahoochee Energy Facility	Georgia	7917	8B	23					
Dahlberg (Jackson County)	Georgia	7765	1	3					
Dahlberg (Jackson County)	Georgia	7765	10	7					
Dahlberg (Jackson County)	Georgia	7765	2	3					
Dahlberg (Jackson County)	Georgia	7765	3	3					
Dahlberg (Jackson County)	Georgia	7765	4	13					
Dahlberg (Jackson County)	Georgia	7765	5	2					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
AL Sandersville	Georgia	55672	CT6				
AL Sandersville	Georgia	55672	CT7				
AL Sandersville	Georgia	55672	CT8				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E				
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F				
Baconton	Georgia	55304	CT1				
Baconton	Georgia	55304	CT4				
Baconton	Georgia	55304	CT5				
Baconton	Georgia	55304	CT6				
Bowen	Georgia	703	1BLR				
Bowen	Georgia	703	2BLR				
Bowen	Georgia	703	3BLR				
Bowen	Georgia	703	4BLR				
Bowen	Georgia	703	6A				
Bowen	Georgia	703	6B				
Chattahoochee Energy Facility	Georgia	7917	8A				
Chattahoochee Energy Facility	Georgia	7917	8B				
Dahlberg (Jackson County)	Georgia	7765	1				
Dahlberg (Jackson County)	Georgia	7765	10				
Dahlberg (Jackson County)	Georgia	7765	2				
Dahlberg (Jackson County)	Georgia	7765	3				
Dahlberg (Jackson County)	Georgia	7765	4				
Dahlberg (Jackson County)	Georgia	7765	5				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
AL Sandersville	Georgia	55672	CT6	2	2	2	2
AL Sandersville	Georgia	55672	CT7	1	1	1	1
AL Sandersville	Georgia	55672	CT8	1	1	1	1
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A	0	0	0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B	0	0	0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C	0	0	0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D	0	0	0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E	0	0	0	0
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F	0	0	0	0
Baconton	Georgia	55304	CT1	16	16	16	16
Baconton	Georgia	55304	CT4	16	16	16	16
Baconton	Georgia	55304	CT5	17	17	17	17
Baconton	Georgia	55304	CT6	16	16	16	16
Bowen	Georgia	703	1BLR	646	646	646	646
Bowen	Georgia	703	2BLR	669	669	669	669
Bowen	Georgia	703	3BLR	850	850	850	850
Bowen	Georgia	703	4BLR	803	803	803	803
Bowen	Georgia	703	6A	0	0	0	0
Bowen	Georgia	703	6B	0	0	0	0
Chattahoochee Energy Facility	Georgia	7917	8A	25	25	25	25
Chattahoochee Energy Facility	Georgia	7917	8B	23	23	23	23
Dahlberg (Jackson County)	Georgia	7765	1	3	3	3	3
Dahlberg (Jackson County)	Georgia	7765	10	7	7	7	7
Dahlberg (Jackson County)	Georgia	7765	2	3	3	3	3
Dahlberg (Jackson County)	Georgia	7765	3	3	3	3	3
Dahlberg (Jackson County)	Georgia	7765	4	13	13	13	13
Dahlberg (Jackson County)	Georgia	7765	5	2	2	2	2

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
AL Sandersville	Georgia	55672	CT6	Y		Y	Y		
AL Sandersville	Georgia	55672	CT7	Y		Y	Y		
AL Sandersville	Georgia	55672	CT8	Y		Y	Y		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1A	Y		Y	Y		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1B	Y		Y	Y		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1C	Y		Y	Y		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1D	Y		Y	Y		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1E	Y		Y	Y		
Allen B Wilson Combustion Turbine Plant	Georgia	6258	1F	Y		Y	Y		
Baconton	Georgia	55304	CT1	Y		Y	Y		
Baconton	Georgia	55304	CT4	Y		Y	Y		
Baconton	Georgia	55304	CT5	Y		Y	Y		
Baconton	Georgia	55304	CT6	Y		Y	Y		
Bowen	Georgia	703	1BLR	Y		Y	Y		
Bowen	Georgia	703	2BLR	Y		Y	Y		
Bowen	Georgia	703	3BLR	Y		Y	Y		
Bowen	Georgia	703	4BLR	Y		Y	Y		
Bowen	Georgia	703	6A	Y		Y	Y		
Bowen	Georgia	703	6B	Y		Y	Y		
Chattahoochee Energy Facility	Georgia	7917	8A	Y		Y	Y		
Chattahoochee Energy Facility	Georgia	7917	8B	Y		Y	Y		
Dahlberg (Jackson County)	Georgia	7765	1	Y		Y	Y		
Dahlberg (Jackson County)	Georgia	7765	10	Y		Y	Y		
Dahlberg (Jackson County)	Georgia	7765	2	Y		Y	Y		
Dahlberg (Jackson County)	Georgia	7765	3	Y		Y	Y		
Dahlberg (Jackson County)	Georgia	7765	4	Y		Y	Y		
Dahlberg (Jackson County)	Georgia	7765	5	Y		Y	Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Dahlberg (Jackson County)	Georgia	7765	6	3190	107,176	263,253	110,219	375,905	455,006
Dahlberg (Jackson County)	Georgia	7765	7	3191	81,302	260,451	110,100	39,557	167,994
Dahlberg (Jackson County)	Georgia	7765	8	3192	95,246	273,326	64,884	367,112	386,109
Dahlberg (Jackson County)	Georgia	7765	9	3193	112,784	350,254	113,367	402,204	698,121
Doyle Generating Facility	Georgia	55244	CTG-1	4308	87,112	94,993	9,682	14,656	53,409
Doyle Generating Facility	Georgia	55244	CTG-2	4309	103,175	105,657	13,772	17,105	79,323
Doyle Generating Facility	Georgia	55244	CTG-3	4310	92,049	122,360	14,070	16,467	68,965
Doyle Generating Facility	Georgia	55244	CTG-4	4311	116,001	157,325	7,131	27,738	144,503
Doyle Generating Facility	Georgia	55244	CTG-5	4312	125,990	160,782	6,892	29,047	164,846
Effingham County Power, LLC	Georgia	55406	1	4680	3,025,530	3,773,003	3,982,922	8,951,079	7,872,986
Effingham County Power, LLC	Georgia	55406	2	4681	3,205,931	4,747,489	3,909,410	8,671,224	7,657,305
Hammond	Georgia	708	1	538	5,225,866	6,283,003	4,821,620	3,662,382	4,712,930
Hammond	Georgia	708	2	539	6,278,765	6,300,233	5,175,851	3,878,708	1,218,766
Hammond	Georgia	708	3	540	5,466,545	6,403,545	5,696,413	3,808,164	5,231,602
Hammond	Georgia	708	4	541	26,980,150	31,579,954	27,623,427	25,664,299	20,977,623
Harlee Branch	Georgia	709	1	542	14,719,909	17,078,733	15,266,298	9,682,959	8,220,699
Harlee Branch	Georgia	709	2	543	20,421,621	18,597,423	20,131,588	12,050,800	8,703,944
Harlee Branch	Georgia	709	3	544	33,882,222	28,394,680	32,861,896	17,092,327	22,535,376
Harlee Branch	Georgia	709	4	545	27,505,704	32,381,558	29,901,892	24,754,782	19,995,955
Hartwell Energy Facility	Georgia	70454	MAG1	5039	988,784	1,323,976	313,894	473,577	747,390
Hartwell Energy Facility	Georgia	70454	MAG2	5040	993,481	1,402,775	332,880	456,172	661,425
Hawk Road Energy Facility	Georgia	55141	CT1	3991	80,164	196,706	176	16,037	1,572,492
Hawk Road Energy Facility	Georgia	55141	CT2	3992	102,375	197,085	182	16,808	1,587,545
Hawk Road Energy Facility	Georgia	55141	CT3	3993	42,215	155,475	173	11,161	392,952
Jack McDonough	Georgia	710	3AA	90360			1,862	688	6,061
Jack McDonough	Georgia	710	3AB	90361			1,153	657	3,611
Jack McDonough	Georgia	710	3BA	90363			2,545	710	313

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Dahlberg (Jackson County)	Georgia	7765	6	364,721	1,055,697,849	0.000345	155,356	132,854
Dahlberg (Jackson County)	Georgia	7765	7	179,515	1,055,697,849	0.000170	155,356	132,854
Dahlberg (Jackson County)	Georgia	7765	8	342,182	1,055,697,849	0.000324	155,356	132,854
Dahlberg (Jackson County)	Georgia	7765	9	483,526	1,055,697,849	0.000458	155,356	132,854
Doyle Generating Facility	Georgia	55244	CTG-1	78,505	1,055,697,849	0.000074	155,356	132,854
Doyle Generating Facility	Georgia	55244	CTG-2	96,051	1,055,697,849	0.000091	155,356	132,854
Doyle Generating Facility	Georgia	55244	CTG-3	94,458	1,055,697,849	0.000089	155,356	132,854
Doyle Generating Facility	Georgia	55244	CTG-4	139,276	1,055,697,849	0.000132	155,356	132,854
Doyle Generating Facility	Georgia	55244	CTG-5	150,539	1,055,697,849	0.000143	155,356	132,854
Effingham County Power, LLC	Georgia	55406	1	6,935,662	1,055,697,849	0.006570	155,356	132,854
Effingham County Power, LLC	Georgia	55406	2	7,025,339	1,055,697,849	0.006655	155,356	132,854
Hammond	Georgia	708	1	5,443,496	1,055,697,849	0.005156	155,356	132,854
Hammond	Georgia	708	2	5,918,283	1,055,697,849	0.005606	155,356	132,854
Hammond	Georgia	708	3	5,855,501	1,055,697,849	0.005547	155,356	132,854
Hammond	Georgia	708	4	28,727,844	1,055,697,849	0.027212	155,356	132,854
Harlee Branch	Georgia	709	1	15,688,313	1,055,697,849	0.014861	155,356	132,854
Harlee Branch	Georgia	709	2	19,716,878	1,055,697,849	0.018677	155,356	132,854
Harlee Branch	Georgia	709	3	31,712,933	1,055,697,849	0.030040	155,356	132,854
Harlee Branch	Georgia	709	4	29,929,718	1,055,697,849	0.028351	155,356	132,854
Hartwell Energy Facility	Georgia	70454	MAG1	1,020,050	1,055,697,849	0.000966	155,356	132,854
Hartwell Energy Facility	Georgia	70454	MAG2	1,019,227	1,055,697,849	0.000965	155,356	132,854
Hawk Road Energy Facility	Georgia	55141	CT1	616,454	1,055,697,849	0.000584	155,356	132,854
Hawk Road Energy Facility	Georgia	55141	CT2	629,002	1,055,697,849	0.000596	155,356	132,854
Hawk Road Energy Facility	Georgia	55141	CT3	196,881	1,055,697,849	0.000186	155,356	132,854
Jack McDonough	Georgia	710	3AA	2,871	1,055,697,849	0.000003	155,356	132,854
Jack McDonough	Georgia	710	3AB	1,807	1,055,697,849	0.000002	155,356	132,854
Jack McDonough	Georgia	710	3BA	1,189	1,055,697,849	0.000001	155,356	132,854

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Dahlberg (Jackson County)	Georgia	7765	6	60,770	52,663	54	46	21	18
Dahlberg (Jackson County)	Georgia	7765	7	60,770	52,663	26	23	10	9
Dahlberg (Jackson County)	Georgia	7765	8	60,770	52,663	50	43	20	17
Dahlberg (Jackson County)	Georgia	7765	9	60,770	52,663	71	61	28	24
Doyle Generating Facility	Georgia	55244	CTG-1	60,770	52,663	12	10	5	4
Doyle Generating Facility	Georgia	55244	CTG-2	60,770	52,663	14	12	6	5
Doyle Generating Facility	Georgia	55244	CTG-3	60,770	52,663	14	12	5	5
Doyle Generating Facility	Georgia	55244	CTG-4	60,770	52,663	20	18	8	7
Doyle Generating Facility	Georgia	55244	CTG-5	60,770	52,663	22	19	9	8
Effingham County Power, LLC	Georgia	55406	1	60,770	52,663	1,021	873	399	346
Effingham County Power, LLC	Georgia	55406	2	60,770	52,663	1,034	884	404	350
Hammond	Georgia	708	1	60,770	52,663	801	685	313	272
Hammond	Georgia	708	2	60,770	52,663	871	745	341	295
Hammond	Georgia	708	3	60,770	52,663	862	737	337	292
Hammond	Georgia	708	4	60,770	52,663	4,228	3,615	1,654	1,433
Harlee Branch	Georgia	709	1	60,770	52,663	2,309	1,974	903	783
Harlee Branch	Georgia	709	2	60,770	52,663	2,902	2,481	1,135	984
Harlee Branch	Georgia	709	3	60,770	52,663	4,667	3,991	1,826	1,582
Harlee Branch	Georgia	709	4	60,770	52,663	4,404	3,766	1,723	1,493
Hartwell Energy Facility	Georgia	70454	MAG1	60,770	52,663	150	128	59	51
Hartwell Energy Facility	Georgia	70454	MAG2	60,770	52,663	150	128	59	51
Hawk Road Energy Facility	Georgia	55141	CT1	60,770	52,663	91	78	35	31
Hawk Road Energy Facility	Georgia	55141	CT2	60,770	52,663	93	79	36	31
Hawk Road Energy Facility	Georgia	55141	CT3	60,770	52,663	29	25	11	10
Jack McDonough	Georgia	710	3AA	60,770	52,663	0	0	0	0
Jack McDonough	Georgia	710	3AB	60,770	52,663	0	0	0	0
Jack McDonough	Georgia	710	3BA	60,770	52,663	0	0	0	0

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Dahlberg (Jackson County)	Georgia	7765	6	0	0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	7	0	0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	8	0	0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	9	0	0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-1	0	0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-2	0	0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-3	0	0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-4	0	0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-5	0	0	0	0	0
Effingham County Power, LLC	Georgia	55406	1	0	1	1	1	1
Effingham County Power, LLC	Georgia	55406	2	0	1	1	1	1
Hammond	Georgia	708	1	4,435	4,619	5,033	4,824	6,035
Hammond	Georgia	708	2	4,450	5,173	4,724	5,835	6,039
Hammond	Georgia	708	3	5,032	4,719	5,389	5,133	6,149
Hammond	Georgia	708	4	22,006	23,186	24,402	24,787	29,585
Harlee Branch	Georgia	709	1	10,330	11,613	15,979	14,663	17,708
Harlee Branch	Georgia	709	2	15,544	15,161	16,755	20,355	19,404
Harlee Branch	Georgia	709	3	18,968	21,040	28,372	33,670	28,423
Harlee Branch	Georgia	709	4	24,986	22,323	29,407	27,301	32,828
Hartwell Energy Facility	Georgia	70454	MAG1	1	1	1	0	0
Hartwell Energy Facility	Georgia	70454	MAG2	1	0	1	0	0
Hawk Road Energy Facility	Georgia	55141	CT1	0		0	0	0
Hawk Road Energy Facility	Georgia	55141	CT2	0	0	0	0	0
Hawk Road Energy Facility	Georgia	55141	CT3	0		0	0	0
Jack McDonough	Georgia	710	3AA					
Jack McDonough	Georgia	710	3AB					
Jack McDonough	Georgia	710	3BA					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Dahlberg (Jackson County)	Georgia	7765	6	0	0	0	0		
Dahlberg (Jackson County)	Georgia	7765	7	0	0	0	0		
Dahlberg (Jackson County)	Georgia	7765	8	1	0	0	1		
Dahlberg (Jackson County)	Georgia	7765	9	0	0	0	0		
Doyle Generating Facility	Georgia	55244	CTG-1	0	0	0	0		
Doyle Generating Facility	Georgia	55244	CTG-2	0	0	0	0		
Doyle Generating Facility	Georgia	55244	CTG-3	0	0	0	0		
Doyle Generating Facility	Georgia	55244	CTG-4	0	0	0	0		
Doyle Generating Facility	Georgia	55244	CTG-5	0	0	0	0		
Effingham County Power, LLC	Georgia	55406	1	1	3	2	3		
Effingham County Power, LLC	Georgia	55406	2	1	3	2	3		
Hammond	Georgia	708	1	1,345	149	547	6,035		
Hammond	Georgia	708	2	1,612	84	360	6,039		
Hammond	Georgia	708	3	1,811	80	604	6,149		
Hammond	Georgia	708	4	7,696	581	915	29,585		
Harlee Branch	Georgia	709	1	14,878	9,256	7,232	17,708		
Harlee Branch	Georgia	709	2	19,453	11,259	7,880	20,355		
Harlee Branch	Georgia	709	3	31,566	16,023	20,291	33,670		
Harlee Branch	Georgia	709	4	28,085	23,573	17,855	32,828		
Hartwell Energy Facility	Georgia	70454	MAG1	0	0	1	1		
Hartwell Energy Facility	Georgia	70454	MAG2	0	0	0	1		
Hawk Road Energy Facility	Georgia	55141	CT1		0	0	0		
Hawk Road Energy Facility	Georgia	55141	CT2		0	0	0		
Hawk Road Energy Facility	Georgia	55141	CT3		0	0	0		
Jack McDonough	Georgia	710	3AA		0	3	3		
Jack McDonough	Georgia	710	3AB		0	2	2		
Jack McDonough	Georgia	710	3BA		0	0	0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Dahlberg (Jackson County)	Georgia	7765	6					1	2
Dahlberg (Jackson County)	Georgia	7765	7					2	2
Dahlberg (Jackson County)	Georgia	7765	8					2	2
Dahlberg (Jackson County)	Georgia	7765	9					2	2
Doyle Generating Facility	Georgia	55244	CTG-1					0	1
Doyle Generating Facility	Georgia	55244	CTG-2					0	1
Doyle Generating Facility	Georgia	55244	CTG-3					1	1
Doyle Generating Facility	Georgia	55244	CTG-4					0	0
Doyle Generating Facility	Georgia	55244	CTG-5					0	0
Effingham County Power, LLC	Georgia	55406	1					6	27
Effingham County Power, LLC	Georgia	55406	2					6	24
Hammond	Georgia	708	1					1,175	1,001
Hammond	Georgia	708	2					1,174	1,120
Hammond	Georgia	708	3					1,326	999
Hammond	Georgia	708	4					3,763	3,062
Harlee Branch	Georgia	709	1					2,356	2,758
Harlee Branch	Georgia	709	2					3,560	3,561
Harlee Branch	Georgia	709	3					4,631	4,322
Harlee Branch	Georgia	709	4					5,738	4,456
Hartwell Energy Facility	Georgia	70454	MAG1					36	44
Hartwell Energy Facility	Georgia	70454	MAG2					28	12
Hawk Road Energy Facility	Georgia	55141	CT1					2	0
Hawk Road Energy Facility	Georgia	55141	CT2					0	0
Hawk Road Energy Facility	Georgia	55141	CT3					0	0
Jack McDonough	Georgia	710	3AA						
Jack McDonough	Georgia	710	3AB						
Jack McDonough	Georgia	710	3BA						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Dahlberg (Jackson County)	Georgia	7765	6	2	2	11	2	6
Dahlberg (Jackson County)	Georgia	7765	7	2	1	4	2	1
Dahlberg (Jackson County)	Georgia	7765	8	2	2	4	1	5
Dahlberg (Jackson County)	Georgia	7765	9	3	2	14	2	7
Doyle Generating Facility	Georgia	55244	CTG-1	2	4	5	1	5
Doyle Generating Facility	Georgia	55244	CTG-2	2	4	4	1	9
Doyle Generating Facility	Georgia	55244	CTG-3	3	4	12	4	10
Doyle Generating Facility	Georgia	55244	CTG-4	1	2	10	0	7
Doyle Generating Facility	Georgia	55244	CTG-5	1	2	20	3	6
Effingham County Power, LLC	Georgia	55406	1	31	29	38	34	56
Effingham County Power, LLC	Georgia	55406	2	27	30	42	30	53
Hammond	Georgia	708	1	1,171	1,022	1,192	662	339
Hammond	Georgia	708	2	1,120	1,231	1,197	706	353
Hammond	Georgia	708	3	1,269	1,066	1,216	818	358
Hammond	Georgia	708	4	3,190	2,464	4,178	3,910	2,114
Harlee Branch	Georgia	709	1	3,961	3,638	4,161	3,559	2,210
Harlee Branch	Georgia	709	2	4,171	5,097	4,562	4,658	2,621
Harlee Branch	Georgia	709	3	5,841	6,776	5,647	6,243	3,337
Harlee Branch	Georgia	709	4	6,004	5,450	6,559	5,734	4,792
Hartwell Energy Facility	Georgia	70454	MAG1	37	35	55	13	21
Hartwell Energy Facility	Georgia	70454	MAG2	31	31	60	15	19
Hawk Road Energy Facility	Georgia	55141	CT1	1	2	5	0	0
Hawk Road Energy Facility	Georgia	55141	CT2	1	2	4	0	0
Hawk Road Energy Facility	Georgia	55141	CT3	0	1	3	0	0
Jack McDonough	Georgia	710	3AA				1	0
Jack McDonough	Georgia	710	3AB				0	0
Jack McDonough	Georgia	710	3BA				1	0

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Dahlberg (Jackson County)	Georgia	7765	6	8	11				
Dahlberg (Jackson County)	Georgia	7765	7	3	4				
Dahlberg (Jackson County)	Georgia	7765	8	6	6				
Dahlberg (Jackson County)	Georgia	7765	9	11	14				
Doyle Generating Facility	Georgia	55244	CTG-1	6	6				
Doyle Generating Facility	Georgia	55244	CTG-2	17	17				
Doyle Generating Facility	Georgia	55244	CTG-3	10	12				
Doyle Generating Facility	Georgia	55244	CTG-4	22	22				
Doyle Generating Facility	Georgia	55244	CTG-5	16	20				
Effingham County Power, LLC	Georgia	55406	1	54	56				
Effingham County Power, LLC	Georgia	55406	2	48	53				
Hammond	Georgia	708	1	534	1,192				
Hammond	Georgia	708	2	193	1,231				
Hammond	Georgia	708	3	590	1,326				
Hammond	Georgia	708	4	1,846	4,178				
Harlee Branch	Georgia	709	1	1,705	4,161				
Harlee Branch	Georgia	709	2	1,721	5,097				
Harlee Branch	Georgia	709	3	4,189	6,776				
Harlee Branch	Georgia	709	4	3,739	6,559				
Hartwell Energy Facility	Georgia	70454	MAG1	27	55				
Hartwell Energy Facility	Georgia	70454	MAG2	23	60				
Hawk Road Energy Facility	Georgia	55141	CT1	38	38				
Hawk Road Energy Facility	Georgia	55141	CT2	37	37				
Hawk Road Energy Facility	Georgia	55141	CT3	16	16				
Jack McDonough	Georgia	710	3AA	6	6				
Jack McDonough	Georgia	710	3AB	2	2				
Jack McDonough	Georgia	710	3BA	0	1				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Dahlberg (Jackson County)	Georgia	7765	6				
Dahlberg (Jackson County)	Georgia	7765	7				
Dahlberg (Jackson County)	Georgia	7765	8				
Dahlberg (Jackson County)	Georgia	7765	9				
Doyle Generating Facility	Georgia	55244	CTG-1				
Doyle Generating Facility	Georgia	55244	CTG-2				
Doyle Generating Facility	Georgia	55244	CTG-3				
Doyle Generating Facility	Georgia	55244	CTG-4				
Doyle Generating Facility	Georgia	55244	CTG-5				
Effingham County Power, LLC	Georgia	55406	1				
Effingham County Power, LLC	Georgia	55406	2				
Hammond	Georgia	708	1				
Hammond	Georgia	708	2				
Hammond	Georgia	708	3				
Hammond	Georgia	708	4				
Harlee Branch	Georgia	709	1				
Harlee Branch	Georgia	709	2				
Harlee Branch	Georgia	709	3				
Harlee Branch	Georgia	709	4				
Hartwell Energy Facility	Georgia	70454	MAG1				
Hartwell Energy Facility	Georgia	70454	MAG2				
Hawk Road Energy Facility	Georgia	55141	CT1				
Hawk Road Energy Facility	Georgia	55141	CT2				
Hawk Road Energy Facility	Georgia	55141	CT3				
Jack McDonough	Georgia	710	3AA				
Jack McDonough	Georgia	710	3AB				
Jack McDonough	Georgia	710	3BA				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Dahlberg (Jackson County)	Georgia	7765	6	0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	7	0	0	0	0
Dahlberg (Jackson County)	Georgia	7765	8	1	1	1	1
Dahlberg (Jackson County)	Georgia	7765	9	0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-1	0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-2	0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-3	0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-4	0	0	0	0
Doyle Generating Facility	Georgia	55244	CTG-5	0	0	0	0
Effingham County Power, LLC	Georgia	55406	1	3	3	3	3
Effingham County Power, LLC	Georgia	55406	2	3	3	3	3
Hammond	Georgia	708	1	802	802	802	802
Hammond	Georgia	708	2	872	872	872	872
Hammond	Georgia	708	3	863	863	863	863
Hammond	Georgia	708	4	4,232	4,232	4,232	4,232
Harlee Branch	Georgia	709	1	2,311	2,311	2,311	2,311
Harlee Branch	Georgia	709	2	2,905	2,905	2,905	2,905
Harlee Branch	Georgia	709	3	4,672	4,672	4,672	4,672
Harlee Branch	Georgia	709	4	4,410	4,410	4,410	4,410
Hartwell Energy Facility	Georgia	70454	MAG1	1	1	1	1
Hartwell Energy Facility	Georgia	70454	MAG2	1	1	1	1
Hawk Road Energy Facility	Georgia	55141	CT1	0	0	0	0
Hawk Road Energy Facility	Georgia	55141	CT2	0	0	0	0
Hawk Road Energy Facility	Georgia	55141	CT3	0	0	0	0
Jack McDonough	Georgia	710	3AA	0	0	0	0
Jack McDonough	Georgia	710	3AB	0	0	0	0
Jack McDonough	Georgia	710	3BA	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Dahlberg (Jackson County)	Georgia	7765	6			11	11
Dahlberg (Jackson County)	Georgia	7765	7			4	4
Dahlberg (Jackson County)	Georgia	7765	8			6	6
Dahlberg (Jackson County)	Georgia	7765	9			14	14
Doyle Generating Facility	Georgia	55244	CTG-1			4	4
Doyle Generating Facility	Georgia	55244	CTG-2			5	5
Doyle Generating Facility	Georgia	55244	CTG-3			5	5
Doyle Generating Facility	Georgia	55244	CTG-4			8	8
Doyle Generating Facility	Georgia	55244	CTG-5			8	8
Effingham County Power, LLC	Georgia	55406	1			56	56
Effingham County Power, LLC	Georgia	55406	2			53	53
Hammond	Georgia	708	1			306	306
Hammond	Georgia	708	2			333	333
Hammond	Georgia	708	3			330	330
Hammond	Georgia	708	4			1,617	1,617
Harlee Branch	Georgia	709	1			883	883
Harlee Branch	Georgia	709	2			1,110	1,110
Harlee Branch	Georgia	709	3			1,785	1,785
Harlee Branch	Georgia	709	4			1,685	1,685
Hartwell Energy Facility	Georgia	70454	MAG1			55	55
Hartwell Energy Facility	Georgia	70454	MAG2			57	57
Hawk Road Energy Facility	Georgia	55141	CT1			35	35
Hawk Road Energy Facility	Georgia	55141	CT2			35	35
Hawk Road Energy Facility	Georgia	55141	CT3			11	11
Jack McDonough	Georgia	710	3AA			0	0
Jack McDonough	Georgia	710	3AB			0	0
Jack McDonough	Georgia	710	3BA			0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation								
Dahlberg (Jackson County)	Georgia	7765	6	11	11	59,218	171,825	32,076
Dahlberg (Jackson County)	Georgia	7765	7	4	4	52,051	173,532	64,792
Dahlberg (Jackson County)	Georgia	7765	8	6	6	54,339	154,120	24,644
Dahlberg (Jackson County)	Georgia	7765	9	14	14	58,553	209,862	51,822
Doyle Generating Facility	Georgia	55244	CTG-1	4	4	82,750	94,993	9,682
Doyle Generating Facility	Georgia	55244	CTG-2	5	5	100,162	102,380	10,630
Doyle Generating Facility	Georgia	55244	CTG-3	5	5	88,800	122,360	14,070
Doyle Generating Facility	Georgia	55244	CTG-4	8	8	113,392	157,325	7,131
Doyle Generating Facility	Georgia	55244	CTG-5	8	8	118,062	160,733	6,892
Effingham County Power, LLC	Georgia	55406	1	56	56	2,294,204	2,370,276	2,307,704
Effingham County Power, LLC	Georgia	55406	2	53	53	2,489,446	2,872,751	2,232,422
Hammond	Georgia	708	1	306	306	2,573,478	2,829,124	2,456,731
Hammond	Georgia	708	2	333	333	2,712,921	2,876,763	2,543,828
Hammond	Georgia	708	3	330	330	2,618,838	2,827,659	2,599,120
Hammond	Georgia	708	4	1,617	1,617	16,008,523	13,864,217	13,388,965
Harlee Branch	Georgia	709	1	883	883	7,070,353	6,939,716	6,435,526
Harlee Branch	Georgia	709	2	1,110	1,110	8,428,616	8,628,691	8,972,962
Harlee Branch	Georgia	709	3	1,785	1,785	14,681,492	13,326,239	14,622,169
Harlee Branch	Georgia	709	4	1,685	1,685	14,316,274	12,526,703	14,573,033
Hartwell Energy Facility	Georgia	70454	MAG1	55	55	963,091	1,304,070	293,211
Hartwell Energy Facility	Georgia	70454	MAG2	57	57	967,399	1,394,562	302,843
Hawk Road Energy Facility	Georgia	55141	CT1	35	35	79,926	194,258	
Hawk Road Energy Facility	Georgia	55141	CT2	35	35	102,375	194,638	
Hawk Road Energy Facility	Georgia	55141	CT3	11	11	42,215	153,028	
Jack McDonough	Georgia	710	3AA	0	0			159
Jack McDonough	Georgia	710	3AB	0	0			89
Jack McDonough	Georgia	710	3BA	0	0			140

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Dahlberg (Jackson County)	Georgia	7765	6	251,412	219,464	214,234	497,863,973	0.000430
Dahlberg (Jackson County)	Georgia	7765	7	5,527	145,213	127,845	497,863,973	0.000257
Dahlberg (Jackson County)	Georgia	7765	8	278,074	165,845	199,347	497,863,973	0.000400
Dahlberg (Jackson County)	Georgia	7765	9	294,853	471,785	325,500	497,863,973	0.000654
Doyle Generating Facility	Georgia	55244	CTG-1	14,625	49,935	75,893	497,863,973	0.000152
Doyle Generating Facility	Georgia	55244	CTG-2	10,706	72,778	91,774	497,863,973	0.000184
Doyle Generating Facility	Georgia	55244	CTG-3	10,000	67,370	92,843	497,863,973	0.000186
Doyle Generating Facility	Georgia	55244	CTG-4	24,489	106,975	125,898	497,863,973	0.000253
Doyle Generating Facility	Georgia	55244	CTG-5	25,671	131,151	136,649	497,863,973	0.000274
Effingham County Power, LLC	Georgia	55406	1	3,702,093	3,864,675	3,312,348	497,863,973	0.006653
Effingham County Power, LLC	Georgia	55406	2	3,575,798	3,779,738	3,409,429	497,863,973	0.006848
Hammond	Georgia	708	1	1,993,160	1,918,361	2,619,778	497,863,973	0.005262
Hammond	Georgia	708	2	1,900,459	20	2,711,171	497,863,973	0.005446
Hammond	Georgia	708	3	2,012,086	2,121,558	2,681,872	497,863,973	0.005387
Hammond	Georgia	708	4	10,809,566	10,653,143	14,420,568	497,863,973	0.028965
Harlee Branch	Georgia	709	1	5,959,133	3,912,983	6,815,198	497,863,973	0.013689
Harlee Branch	Georgia	709	2	7,382,155	5,167,573	8,676,756	497,863,973	0.017428
Harlee Branch	Georgia	709	3	12,070,290	10,486,351	14,209,967	497,863,973	0.028542
Harlee Branch	Georgia	709	4	10,920,027	9,533,291	13,805,337	497,863,973	0.027729
Hartwell Energy Facility	Georgia	70454	MAG1	422,874	553,605	940,255	497,863,973	0.001889
Hartwell Energy Facility	Georgia	70454	MAG2	415,952	499,782	953,914	497,863,973	0.001916
Hawk Road Energy Facility	Georgia	55141	CT1	5,586	1,418,559	564,248	497,863,973	0.001133
Hawk Road Energy Facility	Georgia	55141	CT2	5,378	1,402,791	566,601	497,863,973	0.001138
Hawk Road Energy Facility	Georgia	55141	CT3	3,445	389,113	194,785	497,863,973	0.000391
Jack McDonough	Georgia	710	3AA	14	180	118	497,863,973	0.000000
Jack McDonough	Georgia	710	3AB	78	133	100	497,863,973	0.000000
Jack McDonough	Georgia	710	3BA	52	87	93	497,863,973	0.000000

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Dahlberg (Jackson County)	Georgia	7765	6	27,385	23,560	12	10	0	1
Dahlberg (Jackson County)	Georgia	7765	7	27,385	23,560	7	6	1	1
Dahlberg (Jackson County)	Georgia	7765	8	27,385	23,560	11	9	1	1
Dahlberg (Jackson County)	Georgia	7765	9	27,385	23,560	18	15	1	1
Doyle Generating Facility	Georgia	55244	CTG-1	27,385	23,560	4	4	0	1
Doyle Generating Facility	Georgia	55244	CTG-2	27,385	23,560	5	4	0	1
Doyle Generating Facility	Georgia	55244	CTG-3	27,385	23,560	5	4	1	1
Doyle Generating Facility	Georgia	55244	CTG-4	27,385	23,560	7	6	0	0
Doyle Generating Facility	Georgia	55244	CTG-5	27,385	23,560	8	6	0	0
Effingham County Power, LLC	Georgia	55406	1	27,385	23,560	182	157	3	16
Effingham County Power, LLC	Georgia	55406	2	27,385	23,560	188	161	3	14
Hammond	Georgia	708	1	27,385	23,560	144	124	501	437
Hammond	Georgia	708	2	27,385	23,560	149	128	533	486
Hammond	Georgia	708	3	27,385	23,560	148	127	489	430
Hammond	Georgia	708	4	27,385	23,560	793	682	355	352
Harlee Branch	Georgia	709	1	27,385	23,560	375	323	1,151	1,169
Harlee Branch	Georgia	709	2	27,385	23,560	477	411	1,525	1,584
Harlee Branch	Georgia	709	3	27,385	23,560	782	672	1,901	2,023
Harlee Branch	Georgia	709	4	27,385	23,560	759	653	2,203	1,836
Hartwell Energy Facility	Georgia	70454	MAG1	27,385	23,560	52	44	31	38
Hartwell Energy Facility	Georgia	70454	MAG2	27,385	23,560	52	45	25	10
Hawk Road Energy Facility	Georgia	55141	CT1	27,385	23,560	31	27	1	0
Hawk Road Energy Facility	Georgia	55141	CT2	27,385	23,560	31	27		0
Hawk Road Energy Facility	Georgia	55141	CT3	27,385	23,560	11	9	0	0
Jack McDonough	Georgia	710	3AA	27,385	23,560	0	0		
Jack McDonough	Georgia	710	3AB	27,385	23,560	0	0		
Jack McDonough	Georgia	710	3BA	27,385	23,560	0	0		

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Dahlberg (Jackson County)	Georgia	7765	6	1	1	9	0	4	3
Dahlberg (Jackson County)	Georgia	7765	7	1	1	2	1	0	2
Dahlberg (Jackson County)	Georgia	7765	8	1	1	2	0	3	2
Dahlberg (Jackson County)	Georgia	7765	9	1	1	12	1	5	7
Doyle Generating Facility	Georgia	55244	CTG-1	2	4	5	1	5	5
Doyle Generating Facility	Georgia	55244	CTG-2	2	4	4	1	9	16
Doyle Generating Facility	Georgia	55244	CTG-3	3	4	12	4	9	9
Doyle Generating Facility	Georgia	55244	CTG-4	1	2	10	0	6	15
Doyle Generating Facility	Georgia	55244	CTG-5	1	2	20	3	5	13
Effingham County Power, LLC	Georgia	55406	1	20	19	22	20	26	29
Effingham County Power, LLC	Georgia	55406	2	16	21	24	17	24	25
Hammond	Georgia	708	1	497	486	521	217	180	156
Hammond	Georgia	708	2	565	514	530	223	173	0
Hammond	Georgia	708	3	524	494	521	228	181	176
Hammond	Georgia	708	4	417	438	379	1,152	927	787
Harlee Branch	Georgia	709	1	1,663	1,721	1,682	1,518	1,371	773
Harlee Branch	Georgia	709	2	1,907	2,052	2,089	2,093	1,701	1,018
Harlee Branch	Georgia	709	3	2,756	2,874	2,552	2,764	2,416	1,933
Harlee Branch	Georgia	709	4	2,810	2,790	2,440	2,757	2,214	1,757
Hartwell Energy Facility	Georgia	70454	MAG1	27	34	54	12	18	19
Hartwell Energy Facility	Georgia	70454	MAG2	26	30	59	13	17	18
Hawk Road Energy Facility	Georgia	55141	CT1	1	2	5		0	34
Hawk Road Energy Facility	Georgia	55141	CT2	1	2	4		0	33
Hawk Road Energy Facility	Georgia	55141	CT3	0	1	3		0	16
Jack McDonough	Georgia	710	3AA				0	0	0
Jack McDonough	Georgia	710	3AB				0	0	0
Jack McDonough	Georgia	710	3BA				0	0	0

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Dahlberg (Jackson County)	Georgia	7765	6	9					
Dahlberg (Jackson County)	Georgia	7765	7	2					
Dahlberg (Jackson County)	Georgia	7765	8	3					
Dahlberg (Jackson County)	Georgia	7765	9	12					
Doyle Generating Facility	Georgia	55244	CTG-1	5					
Doyle Generating Facility	Georgia	55244	CTG-2	16					
Doyle Generating Facility	Georgia	55244	CTG-3	12					
Doyle Generating Facility	Georgia	55244	CTG-4	15					
Doyle Generating Facility	Georgia	55244	CTG-5	20					
Effingham County Power, LLC	Georgia	55406	1	29					
Effingham County Power, LLC	Georgia	55406	2	25					
Hammond	Georgia	708	1	521					
Hammond	Georgia	708	2	565					
Hammond	Georgia	708	3	524					
Hammond	Georgia	708	4	1,152					
Harlee Branch	Georgia	709	1	1,721					
Harlee Branch	Georgia	709	2	2,093					
Harlee Branch	Georgia	709	3	2,874					
Harlee Branch	Georgia	709	4	2,810					
Hartwell Energy Facility	Georgia	70454	MAG1	54					
Hartwell Energy Facility	Georgia	70454	MAG2	59					
Hawk Road Energy Facility	Georgia	55141	CT1	34					
Hawk Road Energy Facility	Georgia	55141	CT2	33					
Hawk Road Energy Facility	Georgia	55141	CT3	16					
Jack McDonough	Georgia	710	3AA	0					
Jack McDonough	Georgia	710	3AB	0					
Jack McDonough	Georgia	710	3BA	0					

						Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Dahlberg (Jackson County)	Georgia	7765	6				
Dahlberg (Jackson County)	Georgia	7765	7				
Dahlberg (Jackson County)	Georgia	7765	8				
Dahlberg (Jackson County)	Georgia	7765	9				
Doyle Generating Facility	Georgia	55244	CTG-1				
Doyle Generating Facility	Georgia	55244	CTG-2				
Doyle Generating Facility	Georgia	55244	CTG-3				
Doyle Generating Facility	Georgia	55244	CTG-4				
Doyle Generating Facility	Georgia	55244	CTG-5				
Effingham County Power, LLC	Georgia	55406	1				
Effingham County Power, LLC	Georgia	55406	2				
Hammond	Georgia	708	1				
Hammond	Georgia	708	2				
Hammond	Georgia	708	3				
Hammond	Georgia	708	4				
Harlee Branch	Georgia	709	1				
Harlee Branch	Georgia	709	2				
Harlee Branch	Georgia	709	3				
Harlee Branch	Georgia	709	4				
Hartwell Energy Facility	Georgia	70454	MAG1				
Hartwell Energy Facility	Georgia	70454	MAG2				
Hawk Road Energy Facility	Georgia	55141	CT1				
Hawk Road Energy Facility	Georgia	55141	CT2				
Hawk Road Energy Facility	Georgia	55141	CT3				
Jack McDonough	Georgia	710	3AA				
Jack McDonough	Georgia	710	3AB				
Jack McDonough	Georgia	710	3BA				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Dahlberg (Jackson County)	Georgia	7765	6	9	9	9	9
Dahlberg (Jackson County)	Georgia	7765	7	2	2	2	2
Dahlberg (Jackson County)	Georgia	7765	8	3	3	3	3
Dahlberg (Jackson County)	Georgia	7765	9	12	12	12	12
Doyle Generating Facility	Georgia	55244	CTG-1	5	5	5	5
Doyle Generating Facility	Georgia	55244	CTG-2	7	7	7	7
Doyle Generating Facility	Georgia	55244	CTG-3	7	7	7	7
Doyle Generating Facility	Georgia	55244	CTG-4	9	9	9	9
Doyle Generating Facility	Georgia	55244	CTG-5	10	10	10	10
Effingham County Power, LLC	Georgia	55406	1	29	29	29	29
Effingham County Power, LLC	Georgia	55406	2	25	25	25	25
Hammond	Georgia	708	1	188	188	188	188
Hammond	Georgia	708	2	194	194	194	194
Hammond	Georgia	708	3	192	192	192	192
Hammond	Georgia	708	4	1,034	1,034	1,034	1,034
Harlee Branch	Georgia	709	1	489	489	489	489
Harlee Branch	Georgia	709	2	622	622	622	622
Harlee Branch	Georgia	709	3	1,019	1,019	1,019	1,019
Harlee Branch	Georgia	709	4	990	990	990	990
Hartwell Energy Facility	Georgia	70454	MAG1	54	54	54	54
Hartwell Energy Facility	Georgia	70454	MAG2	59	59	59	59
Hawk Road Energy Facility	Georgia	55141	CT1	34	34	34	34
Hawk Road Energy Facility	Georgia	55141	CT2	33	33	33	33
Hawk Road Energy Facility	Georgia	55141	CT3	14	14	14	14
Jack McDonough	Georgia	710	3AA	0	0	0	0
Jack McDonough	Georgia	710	3AB	0	0	0	0
Jack McDonough	Georgia	710	3BA	0	0	0	0

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Dahlberg (Jackson County)	Georgia	7765	6	Y		Y	Y		
Dahlberg (Jackson County)	Georgia	7765	7	Y		Y	Y		
Dahlberg (Jackson County)	Georgia	7765	8	Y		Y	Y		
Dahlberg (Jackson County)	Georgia	7765	9	Y		Y	Y		
Doyle Generating Facility	Georgia	55244	CTG-1	Y		Y	Y		
Doyle Generating Facility	Georgia	55244	CTG-2	Y		Y	Y		
Doyle Generating Facility	Georgia	55244	CTG-3	Y		Y	Y		
Doyle Generating Facility	Georgia	55244	CTG-4	Y		Y	Y		
Doyle Generating Facility	Georgia	55244	CTG-5	Y		Y	Y		
Effingham County Power, LLC	Georgia	55406	1	Y		Y	Y		
Effingham County Power, LLC	Georgia	55406	2	Y		Y	Y		
Hammond	Georgia	708	1	Y		Y	Y		
Hammond	Georgia	708	2	Y		Y	Y		
Hammond	Georgia	708	3	Y		Y	Y		
Hammond	Georgia	708	4	Y		Y	Y		
Harlee Branch	Georgia	709	1	Y		Y	Y		Y
Harlee Branch	Georgia	709	2	Y		Y	Y		Y
Harlee Branch	Georgia	709	3	Y		Y	Y		
Harlee Branch	Georgia	709	4	Y		Y	Y		
Hartwell Energy Facility	Georgia	70454	MAG1	Y		Y	Y		
Hartwell Energy Facility	Georgia	70454	MAG2	Y		Y	Y		
Hawk Road Energy Facility	Georgia	55141	CT1	Y		Y	Y		
Hawk Road Energy Facility	Georgia	55141	CT2	Y		Y	Y		
Hawk Road Energy Facility	Georgia	55141	CT3	Y		Y	Y		
Jack McDonough	Georgia	710	3AA	Y		Y	Y		
Jack McDonough	Georgia	710	3AB	Y		Y	Y		
Jack McDonough	Georgia	710	3BA	Y		Y	Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Jack McDonough	Georgia	710	3BB	90362			2,354	499	176
Jack McDonough	Georgia	710	MB1	546	17,503,394	18,551,599	13,238,856	10,031,870	9,549,458
Jack McDonough	Georgia	710	MB2	547	18,633,633	19,378,393	14,564,374	11,346,429	12,504,237
Kraft	Georgia	733	1	558	3,663,202	4,298,198	3,121,476	3,354,685	2,899,390
Kraft	Georgia	733	2	559	3,350,814	3,888,570	3,410,501	3,337,182	3,015,248
Kraft	Georgia	733	3	560	8,594,128	7,599,690	6,848,274	5,589,466	4,706,436
Kraft	Georgia	733	4	561	82,002	325,600	132,479	92,298	34,535
MPC Generating, LLC	Georgia	7764	1	3176		110,933	30,694	30,607	142,862
MPC Generating, LLC	Georgia	7764	2	3177		86,341	33,397	35,101	121,174
McIntosh (6124)	Georgia	6124	1	2787	10,629,605	8,049,028	7,767,007	28	2,935,045
McIntosh (6124)	Georgia	6124	CT1	2788	82,667	54,906	59,474	91,289	35,142
McIntosh (6124)	Georgia	6124	CT2	2789	75,951	49,978	59,001	93,361	30,400
McIntosh (6124)	Georgia	6124	CT3	2790	69,430	90,444	30,566	134,121	98,707
McIntosh (6124)	Georgia	6124	CT4	2791	67,295	110,463	22,838	70,870	105,246
McIntosh (6124)	Georgia	6124	CT5	2792	65,619	93,581	34,608	141,057	57,361
McIntosh (6124)	Georgia	6124	CT6	2793	65,583	106,935	118,233	68,415	37,599
McIntosh (6124)	Georgia	6124	CT7	2794	94,590	58,809	88,893	67,007	95,941
McIntosh (6124)	Georgia	6124	CT8	2795	69,273	76,994	132,286	93,838	106,501
McIntosh Combined Cycle Facility	Georgia	56150	10A	89598	9,200,088	10,512,532	9,372,556	13,061,706	13,807,239
McIntosh Combined Cycle Facility	Georgia	56150	10B	89599	9,398,410	10,414,599	9,467,410	12,288,441	13,847,718
McIntosh Combined Cycle Facility	Georgia	56150	11A	89600	8,945,702	9,697,129	8,454,754	12,721,839	13,109,504
McIntosh Combined Cycle Facility	Georgia	56150	11B	89601	8,929,688	9,610,584	9,309,873	12,203,180	13,933,715
McManus	Georgia	715	1	548	134,596	101,631	17,096	11,429	77,194
McManus	Georgia	715	2	549	251,943	156,378	47,141	25,689	13,514
McManus	Georgia	715	3A	90262			11,212	13,447	12,902
McManus	Georgia	715	3B	90263			16,296	14,455	12,067
McManus	Georgia	715	3C	90264			10,614	13,023	12,199

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Jack McDonough	Georgia	710	3BB	1,009	1,055,697,849	0.000001	155,356	132,854
Jack McDonough	Georgia	710	MB1	16,431,283	1,055,697,849	0.015564	155,356	132,854
Jack McDonough	Georgia	710	MB2	17,525,466	1,055,697,849	0.016601	155,356	132,854
Kraft	Georgia	733	1	3,772,028	1,055,697,849	0.003573	155,356	132,854
Kraft	Georgia	733	2	3,549,962	1,055,697,849	0.003363	155,356	132,854
Kraft	Georgia	733	3	7,680,697	1,055,697,849	0.007275	155,356	132,854
Kraft	Georgia	733	4	183,459	1,055,697,849	0.000174	155,356	132,854
MPC Generating, LLC	Georgia	7764	1	94,830	1,055,697,849	0.000090	155,356	132,854
MPC Generating, LLC	Georgia	7764	2	80,872	1,055,697,849	0.000077	155,356	132,854
McIntosh (6124)	Georgia	6124	1	8,815,213	1,055,697,849	0.008350	155,356	132,854
McIntosh (6124)	Georgia	6124	CT1	77,810	1,055,697,849	0.000074	155,356	132,854
McIntosh (6124)	Georgia	6124	CT2	76,104	1,055,697,849	0.000072	155,356	132,854
McIntosh (6124)	Georgia	6124	CT3	107,757	1,055,697,849	0.000102	155,356	132,854
McIntosh (6124)	Georgia	6124	CT4	95,526	1,055,697,849	0.000090	155,356	132,854
McIntosh (6124)	Georgia	6124	CT5	100,085	1,055,697,849	0.000095	155,356	132,854
McIntosh (6124)	Georgia	6124	CT6	97,861	1,055,697,849	0.000093	155,356	132,854
McIntosh (6124)	Georgia	6124	CT7	93,141	1,055,697,849	0.000088	155,356	132,854
McIntosh (6124)	Georgia	6124	CT8	110,875	1,055,697,849	0.000105	155,356	132,854
McIntosh Combined Cycle Facility	Georgia	56150	10A	12,460,492	1,055,697,849	0.011803	155,356	132,854
McIntosh Combined Cycle Facility	Georgia	56150	10B	12,183,586	1,055,697,849	0.011541	155,356	132,854
McIntosh Combined Cycle Facility	Georgia	56150	11A	11,842,824	1,055,697,849	0.011218	155,356	132,854
McIntosh Combined Cycle Facility	Georgia	56150	11B	11,915,826	1,055,697,849	0.011287	155,356	132,854
McManus	Georgia	715	1	104,474	1,055,697,849	0.000099	155,356	132,854
McManus	Georgia	715	2	151,821	1,055,697,849	0.000144	155,356	132,854
McManus	Georgia	715	3A	12,520	1,055,697,849	0.000012	155,356	132,854
McManus	Georgia	715	3B	14,272	1,055,697,849	0.000014	155,356	132,854
McManus	Georgia	715	3C	11,945	1,055,697,849	0.000011	155,356	132,854

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Jack McDonough	Georgia	710	3BB	60,770	52,663	0	0	0	0
Jack McDonough	Georgia	710	MB1	60,770	52,663	2,418	2,068	946	820
Jack McDonough	Georgia	710	MB2	60,770	52,663	2,579	2,205	1,009	874
Kraft	Georgia	733	1	60,770	52,663	555	475	217	188
Kraft	Georgia	733	2	60,770	52,663	522	447	204	177
Kraft	Georgia	733	3	60,770	52,663	1,130	967	442	383
Kraft	Georgia	733	4	60,770	52,663	27	23	11	9
MPC Generating, LLC	Georgia	7764	1	60,770	52,663	14	12	5	5
MPC Generating, LLC	Georgia	7764	2	60,770	52,663	12	10	5	4
McIntosh (6124)	Georgia	6124	1	60,770	52,663	1,297	1,109	507	440
McIntosh (6124)	Georgia	6124	CT1	60,770	52,663	11	10	4	4
McIntosh (6124)	Georgia	6124	CT2	60,770	52,663	11	10	4	4
McIntosh (6124)	Georgia	6124	CT3	60,770	52,663	16	14	6	5
McIntosh (6124)	Georgia	6124	CT4	60,770	52,663	14	12	5	5
McIntosh (6124)	Georgia	6124	CT5	60,770	52,663	15	13	6	5
McIntosh (6124)	Georgia	6124	CT6	60,770	52,663	14	12	6	5
McIntosh (6124)	Georgia	6124	CT7	60,770	52,663	14	12	5	5
McIntosh (6124)	Georgia	6124	CT8	60,770	52,663	16	14	6	6
McIntosh Combined Cycle Facility	Georgia	56150	10A	60,770	52,663	1,834	1,568	717	622
McIntosh Combined Cycle Facility	Georgia	56150	10B	60,770	52,663	1,793	1,533	701	608
McIntosh Combined Cycle Facility	Georgia	56150	11A	60,770	52,663	1,743	1,490	682	591
McIntosh Combined Cycle Facility	Georgia	56150	11B	60,770	52,663	1,754	1,500	686	594
McManus	Georgia	715	1	60,770	52,663	15	13	6	5
McManus	Georgia	715	2	60,770	52,663	22	19	9	8
McManus	Georgia	715	3A	60,770	52,663	2	2	1	1
McManus	Georgia	715	3B	60,770	52,663	2	2	1	1
McManus	Georgia	715	3C	60,770	52,663	2	2	1	1

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Jack McDonough	Georgia	710	3BB					
Jack McDonough	Georgia	710	MB1	12,034	12,309	13,842	13,966	13,983
Jack McDonough	Georgia	710	MB2	11,856	10,407	13,829	14,868	14,555
Kraft	Georgia	733	1	1,991	2,097	1,469	1,905	2,078
Kraft	Georgia	733	2	2,119	1,945	1,662	1,733	1,879
Kraft	Georgia	733	3	3,685	3,807	3,246	4,275	3,624
Kraft	Georgia	733	4	436	283	270	34	124
MPC Generating, LLC	Georgia	7764	1	2	0	0		0
MPC Generating, LLC	Georgia	7764	2	3	0	0		0
McIntosh (6124)	Georgia	6124	1	8,424	8,019	5,341	5,425	3,414
McIntosh (6124)	Georgia	6124	CT1	10	1	0	0	0
McIntosh (6124)	Georgia	6124	CT2	5	2	0	0	0
McIntosh (6124)	Georgia	6124	CT3	11	1	0	0	0
McIntosh (6124)	Georgia	6124	CT4	6	1	0	0	0
McIntosh (6124)	Georgia	6124	CT5	9	0	0	0	0
McIntosh (6124)	Georgia	6124	CT6	7	1	0	0	0
McIntosh (6124)	Georgia	6124	CT7	5	1	0	0	0
McIntosh (6124)	Georgia	6124	CT8	5	1	0	0	0
McIntosh Combined Cycle Facility	Georgia	56150	10A			2	3	3
McIntosh Combined Cycle Facility	Georgia	56150	10B			2	3	3
McIntosh Combined Cycle Facility	Georgia	56150	11A			2	3	3
McIntosh Combined Cycle Facility	Georgia	56150	11B			2	3	3
McManus	Georgia	715	1	235	80	314	201	135
McManus	Georgia	715	2	695	256	869	366	203
McManus	Georgia	715	3A					
McManus	Georgia	715	3B					
McManus	Georgia	715	3C					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns V - AC		
Jack McDonough	Georgia	710	3BB		0	0	0		
Jack McDonough	Georgia	710	MB1	11,653	7,471	7,413	13,983		
Jack McDonough	Georgia	710	MB2	12,672	8,446	9,697	14,868		
Kraft	Georgia	733	1	1,324	2,101	2,236	2,236		
Kraft	Georgia	733	2	1,469	2,093	2,355	2,355		
Kraft	Georgia	733	3	3,016	3,479	3,736	4,275		
Kraft	Georgia	733	4	46	51	15	436		
MPC Generating, LLC	Georgia	7764	1	0	0	0	2		
MPC Generating, LLC	Georgia	7764	2	0	0	0	3		
McIntosh (6124)	Georgia	6124	1	4,675		2,505	8,424		
McIntosh (6124)	Georgia	6124	CT1	0	7	0	10		
McIntosh (6124)	Georgia	6124	CT2	0	8	0	8		
McIntosh (6124)	Georgia	6124	CT3	0	9	0	11		
McIntosh (6124)	Georgia	6124	CT4	0	7	0	7		
McIntosh (6124)	Georgia	6124	CT5	0	10	0	10		
McIntosh (6124)	Georgia	6124	CT6	0	9	0	9		
McIntosh (6124)	Georgia	6124	CT7	0	9	0	9		
McIntosh (6124)	Georgia	6124	CT8	0	8	0	8		
McIntosh Combined Cycle Facility	Georgia	56150	10A	3	4	4	4		
McIntosh Combined Cycle Facility	Georgia	56150	10B	3	4	4	4		
McIntosh Combined Cycle Facility	Georgia	56150	11A	3	4	4	4		
McIntosh Combined Cycle Facility	Georgia	56150	11B	3	4	4	4		
McManus	Georgia	715	1	29	15	108	314		
McManus	Georgia	715	2	74	31	14	869		
McManus	Georgia	715	3A		7	6	7		
McManus	Georgia	715	3B		7	6	7		
McManus	Georgia	715	3C		7	6	7		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Jack McDonough	Georgia	710	3BB						
Jack McDonough	Georgia	710	MB1					2,256	2,241
Jack McDonough	Georgia	710	MB2					2,232	1,889
Kraft	Georgia	733	1					1,000	857
Kraft	Georgia	733	2					1,062	838
Kraft	Georgia	733	3					1,832	1,818
Kraft	Georgia	733	4					214	100
MPC Generating, LLC	Georgia	7764	1					7	0
MPC Generating, LLC	Georgia	7764	2					15	2
McIntosh (6124)	Georgia	6124	1					3,103	2,829
McIntosh (6124)	Georgia	6124	CT1					16	3
McIntosh (6124)	Georgia	6124	CT2					8	8
McIntosh (6124)	Georgia	6124	CT3					11	4
McIntosh (6124)	Georgia	6124	CT4					7	5
McIntosh (6124)	Georgia	6124	CT5					14	3
McIntosh (6124)	Georgia	6124	CT6					11	6
McIntosh (6124)	Georgia	6124	CT7					11	6
McIntosh (6124)	Georgia	6124	CT8					8	6
McIntosh Combined Cycle Facility	Georgia	56150	10A						
McIntosh Combined Cycle Facility	Georgia	56150	10B						
McIntosh Combined Cycle Facility	Georgia	56150	11A						
McIntosh Combined Cycle Facility	Georgia	56150	11B						
McManus	Georgia	715	1					28	11
McManus	Georgia	715	2					75	30
McManus	Georgia	715	3A						
McManus	Georgia	715	3B						
McManus	Georgia	715	3C						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Jack McDonough	Georgia	710	3BB				1	0
Jack McDonough	Georgia	710	MB1	2,186	2,082	2,257	1,657	1,184
Jack McDonough	Georgia	710	MB2	2,178	2,205	2,344	1,832	1,408
Kraft	Georgia	733	1	786	843	1,149	795	1,057
Kraft	Georgia	733	2	888	778	1,034	940	1,049
Kraft	Georgia	733	3	1,791	2,039	2,049	1,854	1,752
Kraft	Georgia	733	4	121	16	81	30	26
MPC Generating, LLC	Georgia	7764	1	4		6	2	2
MPC Generating, LLC	Georgia	7764	2	2		5	2	2
McIntosh (6124)	Georgia	6124	1	2,339	2,759	2,092	1,983	
McIntosh (6124)	Georgia	6124	CT1	5	4	2	3	5
McIntosh (6124)	Georgia	6124	CT2	4	3	2	2	4
McIntosh (6124)	Georgia	6124	CT3	5	3	4	1	6
McIntosh (6124)	Georgia	6124	CT4	3	2	4	1	3
McIntosh (6124)	Georgia	6124	CT5	4	2	3	2	7
McIntosh (6124)	Georgia	6124	CT6	1	2	4	4	4
McIntosh (6124)	Georgia	6124	CT7	3	3	2	3	4
McIntosh (6124)	Georgia	6124	CT8	4	2	3	5	4
McIntosh Combined Cycle Facility	Georgia	56150	10A	33	44	46	41	47
McIntosh Combined Cycle Facility	Georgia	56150	10B	32	42	42	38	44
McIntosh Combined Cycle Facility	Georgia	56150	11A	36	44	46	42	48
McIntosh Combined Cycle Facility	Georgia	56150	11B	31	48	46	42	52
McManus	Georgia	715	1	49	27	18	3	2
McManus	Georgia	715	2	129	48	28	7	4
McManus	Georgia	715	3A				3	4
McManus	Georgia	715	3B				4	4
McManus	Georgia	715	3C				2	3

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Jack McDonough	Georgia	710	3BB	0	1				
Jack McDonough	Georgia	710	MB1	1,309	2,257				
Jack McDonough	Georgia	710	MB2	1,748	2,344				
Kraft	Georgia	733	1	983	1,149				
Kraft	Georgia	733	2	1,016	1,062				
Kraft	Georgia	733	3	1,596	2,049				
Kraft	Georgia	733	4	6	214				
MPC Generating, LLC	Georgia	7764	1	8	8				
MPC Generating, LLC	Georgia	7764	2	8	15				
McIntosh (6124)	Georgia	6124	1	903	3,103				
McIntosh (6124)	Georgia	6124	CT1	2	16				
McIntosh (6124)	Georgia	6124	CT2	1	8				
McIntosh (6124)	Georgia	6124	CT3	4	11				
McIntosh (6124)	Georgia	6124	CT4	4	7				
McIntosh (6124)	Georgia	6124	CT5	2	14				
McIntosh (6124)	Georgia	6124	CT6	2	11				
McIntosh (6124)	Georgia	6124	CT7	4	11				
McIntosh (6124)	Georgia	6124	CT8	4	8				
McIntosh Combined Cycle Facility	Georgia	56150	10A	45	47				
McIntosh Combined Cycle Facility	Georgia	56150	10B	45	45				
McIntosh Combined Cycle Facility	Georgia	56150	11A	49	49				
McIntosh Combined Cycle Facility	Georgia	56150	11B	51	52				
McManus	Georgia	715	1	19	49				
McManus	Georgia	715	2	2	129				
McManus	Georgia	715	3A	4	4				
McManus	Georgia	715	3B	4	4				
McManus	Georgia	715	3C	3	3				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Jack McDonough	Georgia	710	3BB				
Jack McDonough	Georgia	710	MB1				
Jack McDonough	Georgia	710	MB2				
Kraft	Georgia	733	1				
Kraft	Georgia	733	2				
Kraft	Georgia	733	3				
Kraft	Georgia	733	4				
MPC Generating, LLC	Georgia	7764	1				
MPC Generating, LLC	Georgia	7764	2				
McIntosh (6124)	Georgia	6124	1				
McIntosh (6124)	Georgia	6124	CT1				
McIntosh (6124)	Georgia	6124	CT2				
McIntosh (6124)	Georgia	6124	CT3				
McIntosh (6124)	Georgia	6124	CT4				
McIntosh (6124)	Georgia	6124	CT5				
McIntosh (6124)	Georgia	6124	CT6				
McIntosh (6124)	Georgia	6124	CT7				
McIntosh (6124)	Georgia	6124	CT8				
McIntosh Combined Cycle Facility	Georgia	56150	10A				
McIntosh Combined Cycle Facility	Georgia	56150	10B				
McIntosh Combined Cycle Facility	Georgia	56150	11A				
McIntosh Combined Cycle Facility	Georgia	56150	11B				
McManus	Georgia	715	1				
McManus	Georgia	715	2				
McManus	Georgia	715	3A				
McManus	Georgia	715	3B				
McManus	Georgia	715	3C				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Jack McDonough	Georgia	710	3BB	0	0	0	0
Jack McDonough	Georgia	710	MB1	2,421	2,421	2,421	2,421
Jack McDonough	Georgia	710	MB2	2,582	2,582	2,582	2,582
Kraft	Georgia	733	1	556	556	556	556
Kraft	Georgia	733	2	523	523	523	523
Kraft	Georgia	733	3	1,132	1,132	1,132	1,132
Kraft	Georgia	733	4	27	27	27	27
MPC Generating, LLC	Georgia	7764	1	2	2	2	2
MPC Generating, LLC	Georgia	7764	2	3	3	3	3
McIntosh (6124)	Georgia	6124	1	1,299	1,299	1,299	1,299
McIntosh (6124)	Georgia	6124	CT1	10	10	10	10
McIntosh (6124)	Georgia	6124	CT2	8	8	8	8
McIntosh (6124)	Georgia	6124	CT3	11	11	11	11
McIntosh (6124)	Georgia	6124	CT4	7	7	7	7
McIntosh (6124)	Georgia	6124	CT5	10	10	10	10
McIntosh (6124)	Georgia	6124	CT6	9	9	9	9
McIntosh (6124)	Georgia	6124	CT7	9	9	9	9
McIntosh (6124)	Georgia	6124	CT8	8	8	8	8
McIntosh Combined Cycle Facility	Georgia	56150	10A	4	4	4	4
McIntosh Combined Cycle Facility	Georgia	56150	10B	4	4	4	4
McIntosh Combined Cycle Facility	Georgia	56150	11A	4	4	4	4
McIntosh Combined Cycle Facility	Georgia	56150	11B	4	4	4	4
McManus	Georgia	715	1	15	15	15	15
McManus	Georgia	715	2	22	22	22	22
McManus	Georgia	715	3A	2	2	2	2
McManus	Georgia	715	3B	2	2	2	2
McManus	Georgia	715	3C	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Jack McDonough	Georgia	710	3BB			0	0
Jack McDonough	Georgia	710	MB1			925	925
Jack McDonough	Georgia	710	MB2			987	987
Kraft	Georgia	733	1			212	212
Kraft	Georgia	733	2			200	200
Kraft	Georgia	733	3			432	432
Kraft	Georgia	733	4			10	10
MPC Generating, LLC	Georgia	7764	1			5	5
MPC Generating, LLC	Georgia	7764	2			5	5
McIntosh (6124)	Georgia	6124	1			496	496
McIntosh (6124)	Georgia	6124	CT1			4	4
McIntosh (6124)	Georgia	6124	CT2			4	4
McIntosh (6124)	Georgia	6124	CT3			6	6
McIntosh (6124)	Georgia	6124	CT4			5	5
McIntosh (6124)	Georgia	6124	CT5			6	6
McIntosh (6124)	Georgia	6124	CT6			6	6
McIntosh (6124)	Georgia	6124	CT7			5	5
McIntosh (6124)	Georgia	6124	CT8			6	6
McIntosh Combined Cycle Facility	Georgia	56150	10A			47	47
McIntosh Combined Cycle Facility	Georgia	56150	10B			45	45
McIntosh Combined Cycle Facility	Georgia	56150	11A			49	49
McIntosh Combined Cycle Facility	Georgia	56150	11B			52	52
McManus	Georgia	715	1			6	6
McManus	Georgia	715	2			9	9
McManus	Georgia	715	3A			1	1
McManus	Georgia	715	3B			1	1
McManus	Georgia	715	3C			1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation								
Jack McDonough	Georgia	710	3BB	0	0			127
Jack McDonough	Georgia	710	MB1	925	925	7,791,802	7,518,405	6,508,401
Jack McDonough	Georgia	710	MB2	987	987	7,612,321	8,102,261	6,784,858
Kraft	Georgia	733	1	212	212	1,799,905	1,899,051	1,759,949
Kraft	Georgia	733	2	200	200	1,918,787	1,743,969	1,218,317
Kraft	Georgia	733	3	432	432	3,773,125	3,462,417	2,691,996
Kraft	Georgia	733	4	10	10	81,996	324,146	27,902
MPC Generating, LLC	Georgia	7764	1	5	5		75,922	17,840
MPC Generating, LLC	Georgia	7764	2	5	5		56,961	15,346
McIntosh (6124)	Georgia	6124	1	496	496	5,098,922	4,218,736	3,748,954
McIntosh (6124)	Georgia	6124	CT1	4	4	43,190	47,944	8,435
McIntosh (6124)	Georgia	6124	CT2	4	4	42,531	44,486	40,238
McIntosh (6124)	Georgia	6124	CT3	6	6	42,469	82,591	6,730
McIntosh (6124)	Georgia	6124	CT4	5	5	41,267	91,372	3,095
McIntosh (6124)	Georgia	6124	CT5	6	6	39,083	74,548	6,093
McIntosh (6124)	Georgia	6124	CT6	6	6	46,393	96,515	69,357
McIntosh (6124)	Georgia	6124	CT7	5	5	64,460	49,944	66,966
McIntosh (6124)	Georgia	6124	CT8	6	6	41,890	61,453	71,214
McIntosh Combined Cycle Facility	Georgia	56150	10A	47	47	4,587,479	4,906,752	4,083,207
McIntosh Combined Cycle Facility	Georgia	56150	10B	45	45	4,738,135	4,842,185	4,248,874
McIntosh Combined Cycle Facility	Georgia	56150	11A	49	49	4,365,644	4,673,280	3,317,594
McIntosh Combined Cycle Facility	Georgia	56150	11B	52	52	4,442,797	4,626,391	3,938,871
McManus	Georgia	715	1	6	6	46,564	101,631	17,096
McManus	Georgia	715	2	9	9	89,624	139,787	47,066
McManus	Georgia	715	3A	1	1			1,993
McManus	Georgia	715	3B	1	1			1,702
McManus	Georgia	715	3C	1	1			810

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Jack McDonough	Georgia	710	3BB	74		101	497,863,973	0.000000
Jack McDonough	Georgia	710	MB1	4,390,609	4,553,534	7,272,869	497,863,973	0.014608
Jack McDonough	Georgia	710	MB2	4,886,901	5,743,958	7,499,813	497,863,973	0.015064
Kraft	Georgia	733	1	1,428,756	1,303,001	1,819,635	497,863,973	0.003655
Kraft	Georgia	733	2	1,430,719	1,319,118	1,697,825	497,863,973	0.003410
Kraft	Georgia	733	3	2,180,163	2,316,346	3,309,179	497,863,973	0.006647
Kraft	Georgia	733	4	38,434	5	148,192	497,863,973	0.000298
MPC Generating, LLC	Georgia	7764	1	26,739	101,312	67,991	497,863,973	0.000137
MPC Generating, LLC	Georgia	7764	2	26,495	70,811	51,422	497,863,973	0.000103
McIntosh (6124)	Georgia	6124	1	1	1,481,312	4,355,537	497,863,973	0.008748
McIntosh (6124)	Georgia	6124	CT1	35,774		42,303	497,863,973	0.000085
McIntosh (6124)	Georgia	6124	CT2	47,205		44,741	497,863,973	0.000090
McIntosh (6124)	Georgia	6124	CT3	78,919	30,665	67,993	497,863,973	0.000137
McIntosh (6124)	Georgia	6124	CT4	40,081	15,583	57,573	497,863,973	0.000116
McIntosh (6124)	Georgia	6124	CT5	78,820	4,367	64,150	497,863,973	0.000129
McIntosh (6124)	Georgia	6124	CT6	23,175	12,797	70,755	497,863,973	0.000142
McIntosh (6124)	Georgia	6124	CT7	22,885	34,703	60,457	497,863,973	0.000121
McIntosh (6124)	Georgia	6124	CT8	44,948	2,697	59,205	497,863,973	0.000119
McIntosh Combined Cycle Facility	Georgia	56150	10A	5,835,157	5,963,773	5,568,561	497,863,973	0.011185
McIntosh Combined Cycle Facility	Georgia	56150	10B	5,564,842	6,062,469	5,489,832	497,863,973	0.011027
McIntosh Combined Cycle Facility	Georgia	56150	11A	5,544,661	5,502,171	5,240,037	497,863,973	0.010525
McIntosh Combined Cycle Facility	Georgia	56150	11B	5,052,733	6,099,407	5,259,510	497,863,973	0.010564
McManus	Georgia	715	1	11,429		55,097	497,863,973	0.000111
McManus	Georgia	715	2	25,673	12,545	92,159	497,863,973	0.000185
McManus	Georgia	715	3A	7,063	2,042	3,699	497,863,973	0.000007
McManus	Georgia	715	3B	7,426	955	3,361	497,863,973	0.000007
McManus	Georgia	715	3C	7,402	2,957	3,723	497,863,973	0.000007

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Jack McDonough	Georgia	710	3BB	27,385	23,560	0	0		
Jack McDonough	Georgia	710	MB1	27,385	23,560	400	344	803	892
Jack McDonough	Georgia	710	MB2	27,385	23,560	413	355	798	871
Kraft	Georgia	733	1	27,385	23,560	100	86	467	434
Kraft	Georgia	733	2	27,385	23,560	93	80	484	415
Kraft	Georgia	733	3	27,385	23,560	182	157	803	657
Kraft	Georgia	733	4	27,385	23,560	8	7	184	67
MPC Generating, LLC	Georgia	7764	1	27,385	23,560	4	3	2	0
MPC Generating, LLC	Georgia	7764	2	27,385	23,560	3	2	2	0
McIntosh (6124)	Georgia	6124	1	27,385	23,560	240	206	1,208	1,174
McIntosh (6124)	Georgia	6124	CT1	27,385	23,560	2	2	8	2
McIntosh (6124)	Georgia	6124	CT2	27,385	23,560	2	2	3	2
McIntosh (6124)	Georgia	6124	CT3	27,385	23,560	4	3	6	1
McIntosh (6124)	Georgia	6124	CT4	27,385	23,560	3	3	4	2
McIntosh (6124)	Georgia	6124	CT5	27,385	23,560	4	3	10	2
McIntosh (6124)	Georgia	6124	CT6	27,385	23,560	4	3	8	4
McIntosh (6124)	Georgia	6124	CT7	27,385	23,560	3	3	7	2
McIntosh (6124)	Georgia	6124	CT8	27,385	23,560	3	3	4	3
McIntosh Combined Cycle Facility	Georgia	56150	10A	27,385	23,560	306	264		
McIntosh Combined Cycle Facility	Georgia	56150	10B	27,385	23,560	302	260		
McIntosh Combined Cycle Facility	Georgia	56150	11A	27,385	23,560	288	248		
McIntosh Combined Cycle Facility	Georgia	56150	11B	27,385	23,560	289	249		
McManus	Georgia	715	1	27,385	23,560	3	3	1	
McManus	Georgia	715	2	27,385	23,560	5	4	2	
McManus	Georgia	715	3A	27,385	23,560	0	0		
McManus	Georgia	715	3B	27,385	23,560	0	0		
McManus	Georgia	715	3C	27,385	23,560	0	0		

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Jack McDonough	Georgia	710	3BB				0	0	
Jack McDonough	Georgia	710	MB1	921	870	852	729	488	523
Jack McDonough	Georgia	710	MB2	935	849	914	759	547	658
Kraft	Georgia	733	1	410	401	509	431	450	451
Kraft	Georgia	733	2	364	427	462	309	450	455
Kraft	Georgia	733	3	869	837	915	662	685	786
Kraft	Georgia	733	4	69	16	80	6	10	0
MPC Generating, LLC	Georgia	7764	1	2		4	1	1	5
MPC Generating, LLC	Georgia	7764	2	1		3	1	1	3
McIntosh (6124)	Georgia	6124	1	1,103	1,375	1,026	976		371
McIntosh (6124)	Georgia	6124	CT1	3	2	2	0	2	
McIntosh (6124)	Georgia	6124	CT2	2	1	2	1	2	
McIntosh (6124)	Georgia	6124	CT3	3	2	3	0	3	1
McIntosh (6124)	Georgia	6124	CT4	2	1	3	0	1	1
McIntosh (6124)	Georgia	6124	CT5	3	1	3	0	3	0
McIntosh (6124)	Georgia	6124	CT6	1	2	3	2	1	0
McIntosh (6124)	Georgia	6124	CT7	2	2	2	2	1	1
McIntosh (6124)	Georgia	6124	CT8	3	1	2	2	2	0
McIntosh Combined Cycle Facility	Georgia	56150	10A	21	21	23	21	22	21
McIntosh Combined Cycle Facility	Georgia	56150	10B	20	22	20	19	21	20
McIntosh Combined Cycle Facility	Georgia	56150	11A	24	21	23	21	23	21
McIntosh Combined Cycle Facility	Georgia	56150	11B	20	24	22	20	24	23
McManus	Georgia	715	1	25	9	18	3	2	
McManus	Georgia	715	2	49	17	25	7	4	2
McManus	Georgia	715	3A				1	2	1
McManus	Georgia	715	3B				0	2	0
McManus	Georgia	715	3C				0	2	1

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Jack McDonough	Georgia	710	3BB	0					
Jack McDonough	Georgia	710	MB1	921					
Jack McDonough	Georgia	710	MB2	935					
Kraft	Georgia	733	1	509					
Kraft	Georgia	733	2	484					
Kraft	Georgia	733	3	915					
Kraft	Georgia	733	4	184					
MPC Generating, LLC	Georgia	7764	1	5					
MPC Generating, LLC	Georgia	7764	2	3					
McIntosh (6124)	Georgia	6124	1	1,375					
McIntosh (6124)	Georgia	6124	CT1	8					
McIntosh (6124)	Georgia	6124	CT2	3					
McIntosh (6124)	Georgia	6124	CT3	6					
McIntosh (6124)	Georgia	6124	CT4	4					
McIntosh (6124)	Georgia	6124	CT5	10					
McIntosh (6124)	Georgia	6124	CT6	8					
McIntosh (6124)	Georgia	6124	CT7	7					
McIntosh (6124)	Georgia	6124	CT8	4					
McIntosh Combined Cycle Facility	Georgia	56150	10A	23					
McIntosh Combined Cycle Facility	Georgia	56150	10B	22					
McIntosh Combined Cycle Facility	Georgia	56150	11A	24					
McIntosh Combined Cycle Facility	Georgia	56150	11B	24					
McManus	Georgia	715	1	25					
McManus	Georgia	715	2	49					
McManus	Georgia	715	3A	2					
McManus	Georgia	715	3B	2					
McManus	Georgia	715	3C	2					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Jack McDonough	Georgia	710	3BB				
Jack McDonough	Georgia	710	MB1				
Jack McDonough	Georgia	710	MB2				
Kraft	Georgia	733	1				
Kraft	Georgia	733	2				
Kraft	Georgia	733	3				
Kraft	Georgia	733	4				
MPC Generating, LLC	Georgia	7764	1				
MPC Generating, LLC	Georgia	7764	2				
McIntosh (6124)	Georgia	6124	1				
McIntosh (6124)	Georgia	6124	CT1				
McIntosh (6124)	Georgia	6124	CT2				
McIntosh (6124)	Georgia	6124	CT3				
McIntosh (6124)	Georgia	6124	CT4				
McIntosh (6124)	Georgia	6124	CT5				
McIntosh (6124)	Georgia	6124	CT6				
McIntosh (6124)	Georgia	6124	CT7				
McIntosh (6124)	Georgia	6124	CT8				
McIntosh Combined Cycle Facility	Georgia	56150	10A				
McIntosh Combined Cycle Facility	Georgia	56150	10B				
McIntosh Combined Cycle Facility	Georgia	56150	11A				
McIntosh Combined Cycle Facility	Georgia	56150	11B				
McManus	Georgia	715	1				
McManus	Georgia	715	2				
McManus	Georgia	715	3A				
McManus	Georgia	715	3B				
McManus	Georgia	715	3C				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Jack McDonough	Georgia	710	3BB	0	0	0	0
Jack McDonough	Georgia	710	MB1	522	522	522	522
Jack McDonough	Georgia	710	MB2	538	538	538	538
Kraft	Georgia	733	1	130	130	130	130
Kraft	Georgia	733	2	122	122	122	122
Kraft	Georgia	733	3	237	237	237	237
Kraft	Georgia	733	4	11	11	11	11
MPC Generating, LLC	Georgia	7764	1	5	5	5	5
MPC Generating, LLC	Georgia	7764	2	3	3	3	3
McIntosh (6124)	Georgia	6124	1	312	312	312	312
McIntosh (6124)	Georgia	6124	CT1	3	3	3	3
McIntosh (6124)	Georgia	6124	CT2	3	3	3	3
McIntosh (6124)	Georgia	6124	CT3	5	5	5	5
McIntosh (6124)	Georgia	6124	CT4	4	4	4	4
McIntosh (6124)	Georgia	6124	CT5	5	5	5	5
McIntosh (6124)	Georgia	6124	CT6	5	5	5	5
McIntosh (6124)	Georgia	6124	CT7	4	4	4	4
McIntosh (6124)	Georgia	6124	CT8	4	4	4	4
McIntosh Combined Cycle Facility	Georgia	56150	10A	23	23	23	23
McIntosh Combined Cycle Facility	Georgia	56150	10B	22	22	22	22
McIntosh Combined Cycle Facility	Georgia	56150	11A	24	24	24	24
McIntosh Combined Cycle Facility	Georgia	56150	11B	24	24	24	24
McManus	Georgia	715	1	4	4	4	4
McManus	Georgia	715	2	7	7	7	7
McManus	Georgia	715	3A	0	0	0	0
McManus	Georgia	715	3B	0	0	0	0
McManus	Georgia	715	3C	0	0	0	0

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Jack McDonough	Georgia	710	3BB	Y		Y	Y		
Jack McDonough	Georgia	710	MB1	Y		Y	Y		
Jack McDonough	Georgia	710	MB2	Y		Y	Y		
Kraft	Georgia	733	1	Y		Y	Y		
Kraft	Georgia	733	2	Y		Y	Y		
Kraft	Georgia	733	3	Y		Y	Y		
Kraft	Georgia	733	4	Y		Y	Y		
MPC Generating, LLC	Georgia	7764	1	Y		Y	Y		
MPC Generating, LLC	Georgia	7764	2	Y		Y	Y		
McIntosh (6124)	Georgia	6124	1	Y		Y	Y		
McIntosh (6124)	Georgia	6124	CT1	Y		Y	Y		
McIntosh (6124)	Georgia	6124	CT2	Y		Y	Y		
McIntosh (6124)	Georgia	6124	CT3	Y		Y	Y		
McIntosh (6124)	Georgia	6124	CT4	Y		Y	Y		
McIntosh (6124)	Georgia	6124	CT5	Y		Y	Y		
McIntosh (6124)	Georgia	6124	CT6	Y		Y	Y		
McIntosh (6124)	Georgia	6124	CT7	Y		Y	Y		
McIntosh (6124)	Georgia	6124	CT8	Y		Y	Y		
McIntosh Combined Cycle Facility	Georgia	56150	10A	Y		Y	Y		
McIntosh Combined Cycle Facility	Georgia	56150	10B	Y		Y	Y		
McIntosh Combined Cycle Facility	Georgia	56150	11A	Y		Y	Y		
McIntosh Combined Cycle Facility	Georgia	56150	11B	Y		Y	Y		
McManus	Georgia	715	1	Y		Y	Y		
McManus	Georgia	715	2	Y		Y	Y		
McManus	Georgia	715	3A	Y		Y	Y		
McManus	Georgia	715	3B	Y		Y	Y		
McManus	Georgia	715	3C	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
McManus	Georgia	715	4A	90265			11,657	18,078	11,002
McManus	Georgia	715	4B	90266			11,020	21,150	10,838
McManus	Georgia	715	4C	90267			16,710	19,805	12,498
McManus	Georgia	715	4D	90268			16,543	12,552	14,216
McManus	Georgia	715	4E	90270			6,372	10,983	12,937
McManus	Georgia	715	4F	90271			9,747	18,893	13,730
Mid-Georgia Cogeneration	Georgia	55040	1	3825	681,046	1,122,407	472,768	96,746	766,687
Mid-Georgia Cogeneration	Georgia	55040	2	3826	749,258	1,076,882	465,892	119,982	666,978
Mitchell (GA)	Georgia	727	3	550	5,655,045	6,624,162	6,051,296	303,009	1,277,958
Mitchell (GA)	Georgia	727	4AA	89940			5,945	1,107	2,770
Mitchell (GA)	Georgia	727	4AB	90011			3,701	797	693
Mitchell (GA)	Georgia	727	4BA	89941			4,896	1,465	1,511
Mitchell (GA)	Georgia	727	4BB	90012			6,390	1,652	1,366
Mitchell (GA)	Georgia	727	4CA	89942			6,884	1,769	
Mitchell (GA)	Georgia	727	4CB	90013			5,692	1,388	
Murray Energy Facility	Georgia	55382	CCCT1	4607	2,324,799	3,786,625	2,562,852	3,523,169	5,284,508
Murray Energy Facility	Georgia	55382	CCCT2	4608	2,363,908	3,885,942	2,479,372	3,361,520	5,383,921
Murray Energy Facility	Georgia	55382	CCCT3	4609	2,321,540	3,220,282	2,537,066	5,485,298	4,625,594
Murray Energy Facility	Georgia	55382	CCCT4	4610	2,092,318	3,487,979	2,402,642	5,118,887	4,065,936
Robins	Georgia	7348	CT1	3103	151,952	294,552	159,404	85,293	102,508
Robins	Georgia	7348	CT2	3104	151,472	303,331	265,754	85,376	41,660
SEGCO Bainbridge	Georgia	56015	P1A	90202			1,217	828	1,543
SEGCO Bainbridge	Georgia	56015	P1B	90203			1,225	833	1,542
SEGCO Bainbridge	Georgia	56015	P2A	90204			1,290	1,007	1,463
SEGCO Bainbridge	Georgia	56015	P2B	90205			1,209	943	1,371
Scherer	Georgia	6257	1	2875	61,007,630	61,371,946	68,813,502	53,834,025	69,283,265
Scherer	Georgia	6257	2	2876	66,333,086	64,631,609	70,154,941	54,533,486	68,495,314

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
McManus	Georgia	715	4A	13,579	1,055,697,849	0.000013	155,356	132,854
McManus	Georgia	715	4B	14,336	1,055,697,849	0.000014	155,356	132,854
McManus	Georgia	715	4C	16,338	1,055,697,849	0.000015	155,356	132,854
McManus	Georgia	715	4D	14,437	1,055,697,849	0.000014	155,356	132,854
McManus	Georgia	715	4E	10,097	1,055,697,849	0.000010	155,356	132,854
McManus	Georgia	715	4F	14,124	1,055,697,849	0.000013	155,356	132,854
Mid-Georgia Cogeneration	Georgia	55040	1	856,713	1,055,697,849	0.000812	155,356	132,854
Mid-Georgia Cogeneration	Georgia	55040	2	831,039	1,055,697,849	0.000787	155,356	132,854
Mitchell (GA)	Georgia	727	3	6,110,168	1,055,697,849	0.005788	155,356	132,854
Mitchell (GA)	Georgia	727	4AA	3,274	1,055,697,849	0.000003	155,356	132,854
Mitchell (GA)	Georgia	727	4AB	1,730	1,055,697,849	0.000002	155,356	132,854
Mitchell (GA)	Georgia	727	4BA	2,624	1,055,697,849	0.000002	155,356	132,854
Mitchell (GA)	Georgia	727	4BB	3,136	1,055,697,849	0.000003	155,356	132,854
Mitchell (GA)	Georgia	727	4CA	4,326	1,055,697,849	0.000004	155,356	132,854
Mitchell (GA)	Georgia	727	4CB	3,540	1,055,697,849	0.000003	155,356	132,854
Murray Energy Facility	Georgia	55382	CCCT1	4,198,101	1,055,697,849	0.003977	155,356	132,854
Murray Energy Facility	Georgia	55382	CCCT2	4,210,461	1,055,697,849	0.003988	155,356	132,854
Murray Energy Facility	Georgia	55382	CCCT3	4,443,725	1,055,697,849	0.004209	155,356	132,854
Murray Energy Facility	Georgia	55382	CCCT4	4,224,268	1,055,697,849	0.004001	155,356	132,854
Robins	Georgia	7348	CT1	201,969	1,055,697,849	0.000191	155,356	132,854
Robins	Georgia	7348	CT2	240,185	1,055,697,849	0.000228	155,356	132,854
SEGCO Bainbridge	Georgia	56015	P1A	1,196	1,055,697,849	0.000001	155,356	132,854
SEGCO Bainbridge	Georgia	56015	P1B	1,200	1,055,697,849	0.000001	155,356	132,854
SEGCO Bainbridge	Georgia	56015	P2A	1,253	1,055,697,849	0.000001	155,356	132,854
SEGCO Bainbridge	Georgia	56015	P2B	1,174	1,055,697,849	0.000001	155,356	132,854
Scherer	Georgia	6257	1	66,489,571	1,055,697,849	0.062982	155,356	132,854
Scherer	Georgia	6257	2	68,327,780	1,055,697,849	0.064723	155,356	132,854

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
McManus	Georgia	715	4A	60,770	52,663	2	2	1	1
McManus	Georgia	715	4B	60,770	52,663	2	2	1	1
McManus	Georgia	715	4C	60,770	52,663	2	2	1	1
McManus	Georgia	715	4D	60,770	52,663	2	2	1	1
McManus	Georgia	715	4E	60,770	52,663	1	1	1	1
McManus	Georgia	715	4F	60,770	52,663	2	2	1	1
Mid-Georgia Cogeneration	Georgia	55040	1	60,770	52,663	126	108	49	43
Mid-Georgia Cogeneration	Georgia	55040	2	60,770	52,663	122	105	48	41
Mitchell (GA)	Georgia	727	3	60,770	52,663	899	769	352	305
Mitchell (GA)	Georgia	727	4AA	60,770	52,663	0	0	0	0
Mitchell (GA)	Georgia	727	4AB	60,770	52,663	0	0	0	0
Mitchell (GA)	Georgia	727	4BA	60,770	52,663	0	0	0	0
Mitchell (GA)	Georgia	727	4BB	60,770	52,663	0	0	0	0
Mitchell (GA)	Georgia	727	4CA	60,770	52,663	1	1	0	0
Mitchell (GA)	Georgia	727	4CB	60,770	52,663	1	0	0	0
Murray Energy Facility	Georgia	55382	CCCT1	60,770	52,663	618	528	242	209
Murray Energy Facility	Georgia	55382	CCCT2	60,770	52,663	620	530	242	210
Murray Energy Facility	Georgia	55382	CCCT3	60,770	52,663	654	559	256	222
Murray Energy Facility	Georgia	55382	CCCT4	60,770	52,663	622	532	243	211
Robins	Georgia	7348	CT1	60,770	52,663	30	25	12	10
Robins	Georgia	7348	CT2	60,770	52,663	35	30	14	12
SEGCO Bainbridge	Georgia	56015	P1A	60,770	52,663	0	0	0	0
SEGCO Bainbridge	Georgia	56015	P1B	60,770	52,663	0	0	0	0
SEGCO Bainbridge	Georgia	56015	P2A	60,770	52,663	0	0	0	0
SEGCO Bainbridge	Georgia	56015	P2B	60,770	52,663	0	0	0	0
Scherer	Georgia	6257	1	60,770	52,663	9,785	8,367	3,827	3,317
Scherer	Georgia	6257	2	60,770	52,663	10,055	8,599	3,933	3,408

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
McManus	Georgia	715	4A					
McManus	Georgia	715	4B					
McManus	Georgia	715	4C					
McManus	Georgia	715	4D					
McManus	Georgia	715	4E					
McManus	Georgia	715	4F					
Mid-Georgia Cogeneration	Georgia	55040	1	2	0	0	0	0
Mid-Georgia Cogeneration	Georgia	55040	2	1	0	0	0	0
Mitchell (GA)	Georgia	727	3	5,654	5,169	7,804	5,150	4,919
Mitchell (GA)	Georgia	727	4AA					
Mitchell (GA)	Georgia	727	4AB					
Mitchell (GA)	Georgia	727	4BA					
Mitchell (GA)	Georgia	727	4BB					
Mitchell (GA)	Georgia	727	4CA					
Mitchell (GA)	Georgia	727	4CB					
Murray Energy Facility	Georgia	55382	CCCT1	1	1	1	1	1
Murray Energy Facility	Georgia	55382	CCCT2	1	1	1	1	1
Murray Energy Facility	Georgia	55382	CCCT3	1	1	1	1	1
Murray Energy Facility	Georgia	55382	CCCT4	1	1	1	1	1
Robins	Georgia	7348	CT1	6	2	2	1	0
Robins	Georgia	7348	CT2	6	1	3	1	0
SEGCO Bainbridge	Georgia	56015	P1A					
SEGCO Bainbridge	Georgia	56015	P1B					
SEGCO Bainbridge	Georgia	56015	P2A					
SEGCO Bainbridge	Georgia	56015	P2B					
Scherer	Georgia	6257	1	20,888	19,909	22,384	18,841	18,451
Scherer	Georgia	6257	2	20,839	20,534	19,763	19,841	18,446

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
McManus	Georgia	715	4A		9	6	9		
McManus	Georgia	715	4B		11	5	11		
McManus	Georgia	715	4C		10	6	10		
McManus	Georgia	715	4D		6	7	7		
McManus	Georgia	715	4E		5	6	6		
McManus	Georgia	715	4F		9	7	9		
Mid-Georgia Cogeneration	Georgia	55040	1	0	1	1	2		
Mid-Georgia Cogeneration	Georgia	55040	2	0	0	1	1		
Mitchell (GA)	Georgia	727	3	4,728	223	927	7,804		
Mitchell (GA)	Georgia	727	4AA		1	1	1		
Mitchell (GA)	Georgia	727	4AB		0	0	0		
Mitchell (GA)	Georgia	727	4BA		1	1	1		
Mitchell (GA)	Georgia	727	4BB		1	1	1		
Mitchell (GA)	Georgia	727	4CA		1		1		
Mitchell (GA)	Georgia	727	4CB		1		1		
Murray Energy Facility	Georgia	55382	CCCT1	1	1	2	2		
Murray Energy Facility	Georgia	55382	CCCT2	1	1	2	2		
Murray Energy Facility	Georgia	55382	CCCT3	1	2	1	2		
Murray Energy Facility	Georgia	55382	CCCT4	1	2	1	2		
Robins	Georgia	7348	CT1	3	1	3	6		
Robins	Georgia	7348	CT2	3	0	3	6		
SEGCO Bainbridge	Georgia	56015	P1A		0	0	0		
SEGCO Bainbridge	Georgia	56015	P1B		0	0	0		
SEGCO Bainbridge	Georgia	56015	P2A		0	0	0		
SEGCO Bainbridge	Georgia	56015	P2B		0	0	0		
Scherer	Georgia	6257	1	20,975	15,738	20,074	22,384		
Scherer	Georgia	6257	2	21,407	15,425	19,395	21,407		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
McManus	Georgia	715	4A						
McManus	Georgia	715	4B						
McManus	Georgia	715	4C						
McManus	Georgia	715	4D						
McManus	Georgia	715	4E						
McManus	Georgia	715	4F						
Mid-Georgia Cogeneration	Georgia	55040	1					16	3
Mid-Georgia Cogeneration	Georgia	55040	2					17	5
Mitchell (GA)	Georgia	727	3					1,996	1,503
Mitchell (GA)	Georgia	727	4AA						
Mitchell (GA)	Georgia	727	4AB						
Mitchell (GA)	Georgia	727	4BA						
Mitchell (GA)	Georgia	727	4BB						
Mitchell (GA)	Georgia	727	4CA						
Mitchell (GA)	Georgia	727	4CB						
Murray Energy Facility	Georgia	55382	CCCT1					15	19
Murray Energy Facility	Georgia	55382	CCCT2					16	19
Murray Energy Facility	Georgia	55382	CCCT3					18	22
Murray Energy Facility	Georgia	55382	CCCT4					16	22
Robins	Georgia	7348	CT1					4	3
Robins	Georgia	7348	CT2					4	3
SEGCO Bainbridge	Georgia	56015	P1A						
SEGCO Bainbridge	Georgia	56015	P1B						
SEGCO Bainbridge	Georgia	56015	P2A						
SEGCO Bainbridge	Georgia	56015	P2B						
Scherer	Georgia	6257	1					5,043	4,702
Scherer	Georgia	6257	2					5,390	4,889

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
McManus	Georgia	715	4A				3	5
McManus	Georgia	715	4B				3	5
McManus	Georgia	715	4C				4	5
McManus	Georgia	715	4D				4	3
McManus	Georgia	715	4E				2	3
McManus	Georgia	715	4F				2	5
Mid-Georgia Cogeneration	Georgia	55040	1	7	11	21	13	5
Mid-Georgia Cogeneration	Georgia	55040	2	11	13	21	14	9
Mitchell (GA)	Georgia	727	3	2,224	1,825	1,985	1,931	93
Mitchell (GA)	Georgia	727	4AA				2	0
Mitchell (GA)	Georgia	727	4AB				1	0
Mitchell (GA)	Georgia	727	4BA				2	1
Mitchell (GA)	Georgia	727	4BB				3	1
Mitchell (GA)	Georgia	727	4CA				3	1
Mitchell (GA)	Georgia	727	4CB				2	1
Murray Energy Facility	Georgia	55382	CCCT1	18	14	24	19	26
Murray Energy Facility	Georgia	55382	CCCT2	15	20	27	17	22
Murray Energy Facility	Georgia	55382	CCCT3	17	16	23	16	36
Murray Energy Facility	Georgia	55382	CCCT4	16	15	23	17	35
Robins	Georgia	7348	CT1	2	7	13	9	4
Robins	Georgia	7348	CT2	2	6	12	15	4
SEGCO Bainbridge	Georgia	56015	P1A				1	0
SEGCO Bainbridge	Georgia	56015	P1B				1	1
SEGCO Bainbridge	Georgia	56015	P2A				1	1
SEGCO Bainbridge	Georgia	56015	P2B				1	1
Scherer	Georgia	6257	1	4,925	4,919	5,030	5,151	3,920
Scherer	Georgia	6257	2	4,582	4,805	4,670	4,873	3,969

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
McManus	Georgia	715	4A	3	5				
McManus	Georgia	715	4B	3	5				
McManus	Georgia	715	4C	3	5				
McManus	Georgia	715	4D	3	4				
McManus	Georgia	715	4E	3	3				
McManus	Georgia	715	4F	4	5				
Mid-Georgia Cogeneration	Georgia	55040	1	21	21				
Mid-Georgia Cogeneration	Georgia	55040	2	18	21				
Mitchell (GA)	Georgia	727	3	377	2,224				
Mitchell (GA)	Georgia	727	4AA	1	2				
Mitchell (GA)	Georgia	727	4AB	0	1				
Mitchell (GA)	Georgia	727	4BA	1	2				
Mitchell (GA)	Georgia	727	4BB	1	3				
Mitchell (GA)	Georgia	727	4CA		3				
Mitchell (GA)	Georgia	727	4CB		2				
Murray Energy Facility	Georgia	55382	CCCT1	36	36				
Murray Energy Facility	Georgia	55382	CCCT2	32	32				
Murray Energy Facility	Georgia	55382	CCCT3	28	36				
Murray Energy Facility	Georgia	55382	CCCT4	29	35				
Robins	Georgia	7348	CT1	5	13				
Robins	Georgia	7348	CT2	3	15				
SEGCO Bainbridge	Georgia	56015	P1A	1	1				
SEGCO Bainbridge	Georgia	56015	P1B	1	1				
SEGCO Bainbridge	Georgia	56015	P2A	1	1				
SEGCO Bainbridge	Georgia	56015	P2B	1	1				
Scherer	Georgia	6257	1	4,607	5,151				
Scherer	Georgia	6257	2	5,008	5,390				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
McManus	Georgia	715	4A				
McManus	Georgia	715	4B				
McManus	Georgia	715	4C				
McManus	Georgia	715	4D				
McManus	Georgia	715	4E				
McManus	Georgia	715	4F				
Mid-Georgia Cogeneration	Georgia	55040	1				
Mid-Georgia Cogeneration	Georgia	55040	2				
Mitchell (GA)	Georgia	727	3				
Mitchell (GA)	Georgia	727	4AA				
Mitchell (GA)	Georgia	727	4AB				
Mitchell (GA)	Georgia	727	4BA				
Mitchell (GA)	Georgia	727	4BB				
Mitchell (GA)	Georgia	727	4CA				
Mitchell (GA)	Georgia	727	4CB				
Murray Energy Facility	Georgia	55382	CCCT1				
Murray Energy Facility	Georgia	55382	CCCT2				
Murray Energy Facility	Georgia	55382	CCCT3				
Murray Energy Facility	Georgia	55382	CCCT4				
Robins	Georgia	7348	CT1				
Robins	Georgia	7348	CT2				
SEGCO Bainbridge	Georgia	56015	P1A				
SEGCO Bainbridge	Georgia	56015	P1B				
SEGCO Bainbridge	Georgia	56015	P2A				
SEGCO Bainbridge	Georgia	56015	P2B				
Scherer	Georgia	6257	1				
Scherer	Georgia	6257	2				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
McManus	Georgia	715	4A	2	2	2	2
McManus	Georgia	715	4B	2	2	2	2
McManus	Georgia	715	4C	2	2	2	2
McManus	Georgia	715	4D	2	2	2	2
McManus	Georgia	715	4E	1	1	1	1
McManus	Georgia	715	4F	2	2	2	2
Mid-Georgia Cogeneration	Georgia	55040	1	2	2	2	2
Mid-Georgia Cogeneration	Georgia	55040	2	1	1	1	1
Mitchell (GA)	Georgia	727	3	900	900	900	900
Mitchell (GA)	Georgia	727	4AA	0	0	0	0
Mitchell (GA)	Georgia	727	4AB	0	0	0	0
Mitchell (GA)	Georgia	727	4BA	0	0	0	0
Mitchell (GA)	Georgia	727	4BB	0	0	0	0
Mitchell (GA)	Georgia	727	4CA	1	1	1	1
Mitchell (GA)	Georgia	727	4CB	1	1	1	1
Murray Energy Facility	Georgia	55382	CCCT1	2	2	2	2
Murray Energy Facility	Georgia	55382	CCCT2	2	2	2	2
Murray Energy Facility	Georgia	55382	CCCT3	2	2	2	2
Murray Energy Facility	Georgia	55382	CCCT4	2	2	2	2
Robins	Georgia	7348	CT1	6	6	6	6
Robins	Georgia	7348	CT2	6	6	6	6
SEGCO Bainbridge	Georgia	56015	P1A	0	0	0	0
SEGCO Bainbridge	Georgia	56015	P1B	0	0	0	0
SEGCO Bainbridge	Georgia	56015	P2A	0	0	0	0
SEGCO Bainbridge	Georgia	56015	P2B	0	0	0	0
Scherer	Georgia	6257	1	9,796	9,796	9,796	9,796
Scherer	Georgia	6257	2	10,067	10,067	10,067	10,067

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
McManus	Georgia	715	4A			1	1
McManus	Georgia	715	4B			1	1
McManus	Georgia	715	4C			1	1
McManus	Georgia	715	4D			1	1
McManus	Georgia	715	4E			1	1
McManus	Georgia	715	4F			1	1
Mid-Georgia Cogeneration	Georgia	55040	1			21	21
Mid-Georgia Cogeneration	Georgia	55040	2			21	21
Mitchell (GA)	Georgia	727	3			344	344
Mitchell (GA)	Georgia	727	4AA			0	0
Mitchell (GA)	Georgia	727	4AB			0	0
Mitchell (GA)	Georgia	727	4BA			0	0
Mitchell (GA)	Georgia	727	4BB			0	0
Mitchell (GA)	Georgia	727	4CA			0	0
Mitchell (GA)	Georgia	727	4CB			0	0
Murray Energy Facility	Georgia	55382	CCCT1			36	36
Murray Energy Facility	Georgia	55382	CCCT2			32	32
Murray Energy Facility	Georgia	55382	CCCT3			36	36
Murray Energy Facility	Georgia	55382	CCCT4			35	35
Robins	Georgia	7348	CT1			11	11
Robins	Georgia	7348	CT2			14	14
SEGCO Bainbridge	Georgia	56015	P1A			0	0
SEGCO Bainbridge	Georgia	56015	P1B			0	0
SEGCO Bainbridge	Georgia	56015	P2A			0	0
SEGCO Bainbridge	Georgia	56015	P2B			0	0
Scherer	Georgia	6257	1			3,743	3,743
Scherer	Georgia	6257	2			3,846	3,846

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
						2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
McManus	Georgia	715	4A	1	1			1,826
McManus	Georgia	715	4B	1	1			2,984
McManus	Georgia	715	4C	1	1			1,807
McManus	Georgia	715	4D	1	1			1,880
McManus	Georgia	715	4E	1	1			8
McManus	Georgia	715	4F	1	1			972
Mid-Georgia Cogeneration	Georgia	55040	1	21	21	643,827	976,397	387,107
Mid-Georgia Cogeneration	Georgia	55040	2	21	21	715,864	939,227	405,902
Mitchell (GA)	Georgia	727	3	344	344	2,583,769	3,102,032	3,043,116
Mitchell (GA)	Georgia	727	4AA	0	0			4,641
Mitchell (GA)	Georgia	727	4AB	0	0			1,701
Mitchell (GA)	Georgia	727	4BA	0	0			4,090
Mitchell (GA)	Georgia	727	4BB	0	0			4,135
Mitchell (GA)	Georgia	727	4CA	0	0			3,956
Mitchell (GA)	Georgia	727	4CB	0	0			3,786
Murray Energy Facility	Georgia	55382	CCCT1	36	36	2,067,592	3,051,726	2,189,235
Murray Energy Facility	Georgia	55382	CCCT2	32	32	2,159,809	3,159,259	2,083,071
Murray Energy Facility	Georgia	55382	CCCT3	36	36	2,007,668	2,517,124	2,083,195
Murray Energy Facility	Georgia	55382	CCCT4	35	35	1,833,631	2,822,185	1,925,772
Robins	Georgia	7348	CT1	11	11	118,902	209,431	60,042
Robins	Georgia	7348	CT2	14	14	119,897	220,958	51,020
SEGCO Bainbridge	Georgia	56015	P1A	0	0			183
SEGCO Bainbridge	Georgia	56015	P1B	0	0			189
SEGCO Bainbridge	Georgia	56015	P2A	0	0			195
SEGCO Bainbridge	Georgia	56015	P2B	0	0			183
Scherer	Georgia	6257	1	3,743	3,743	28,018,139	28,164,926	29,087,424
Scherer	Georgia	6257	2	3,846	3,846	28,402,525	27,768,403	29,592,051

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
McManus	Georgia	715	4A	12,686	2,043	5,518	497,863,973	0.000011
McManus	Georgia	715	4B	15,344	2,945	7,091	497,863,973	0.000014
McManus	Georgia	715	4C	13,767	1,865	5,813	497,863,973	0.000012
McManus	Georgia	715	4D	8,408	1,862	4,050	497,863,973	0.000008
McManus	Georgia	715	4E	6,303	1,777	2,696	497,863,973	0.000005
McManus	Georgia	715	4F	13,528	933	5,144	497,863,973	0.000010
Mid-Georgia Cogeneration	Georgia	55040	1	14,159	607,263	742,496	497,863,973	0.001491
Mid-Georgia Cogeneration	Georgia	55040	2	14,451	516,186	723,759	497,863,973	0.001454
Mitchell (GA)	Georgia	727	3	117,840	854,475	2,909,639	497,863,973	0.005844
Mitchell (GA)	Georgia	727	4AA	282	1,061	1,995	497,863,973	0.000004
Mitchell (GA)	Georgia	727	4AB	244	158	701	497,863,973	0.000001
Mitchell (GA)	Georgia	727	4BA	473	353	1,639	497,863,973	0.000003
Mitchell (GA)	Georgia	727	4BB	584	356	1,691	497,863,973	0.000003
Mitchell (GA)	Georgia	727	4CA	941		2,449	497,863,973	0.000005
Mitchell (GA)	Georgia	727	4CB	810		2,298	497,863,973	0.000005
Murray Energy Facility	Georgia	55382	CCCT1	2,527,259	3,676,777	3,085,254	497,863,973	0.006197
Murray Energy Facility	Georgia	55382	CCCT2	2,360,148	3,783,911	3,101,106	497,863,973	0.006229
Murray Energy Facility	Georgia	55382	CCCT3	3,730,643	3,948,536	3,398,767	497,863,973	0.006827
Murray Energy Facility	Georgia	55382	CCCT4	3,585,701	3,465,752	3,291,213	497,863,973	0.006611
Robins	Georgia	7348	CT1	38,177	26,126	129,458	497,863,973	0.000260
Robins	Georgia	7348	CT2	36,530	6,372	130,625	497,863,973	0.000262
SEGCO Bainbridge	Georgia	56015	P1A	153	248	194	497,863,973	0.000000
SEGCO Bainbridge	Georgia	56015	P1B	156	249	198	497,863,973	0.000000
SEGCO Bainbridge	Georgia	56015	P2A	160	220	192	497,863,973	0.000000
SEGCO Bainbridge	Georgia	56015	P2B	150	206	180	497,863,973	0.000000
Scherer	Georgia	6257	1	26,138,135	28,544,674	28,599,008	497,863,973	0.057443
Scherer	Georgia	6257	2	27,804,273	28,905,931	28,966,836	497,863,973	0.058182

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
McManus	Georgia	715	4A	27,385	23,560	0	0		
McManus	Georgia	715	4B	27,385	23,560	0	0		
McManus	Georgia	715	4C	27,385	23,560	0	0		
McManus	Georgia	715	4D	27,385	23,560	0	0		
McManus	Georgia	715	4E	27,385	23,560	0	0		
McManus	Georgia	715	4F	27,385	23,560	0	0		
Mid-Georgia Cogeneration	Georgia	55040	1	27,385	23,560	41	35	7	2
Mid-Georgia Cogeneration	Georgia	55040	2	27,385	23,560	40	34	5	3
Mitchell (GA)	Georgia	727	3	27,385	23,560	160	138	974	734
Mitchell (GA)	Georgia	727	4AA	27,385	23,560	0	0		
Mitchell (GA)	Georgia	727	4AB	27,385	23,560	0	0		
Mitchell (GA)	Georgia	727	4BA	27,385	23,560	0	0		
Mitchell (GA)	Georgia	727	4BB	27,385	23,560	0	0		
Mitchell (GA)	Georgia	727	4CA	27,385	23,560	0	0		
Mitchell (GA)	Georgia	727	4CB	27,385	23,560	0	0		
Murray Energy Facility	Georgia	55382	CCCT1	27,385	23,560	170	146	12	13
Murray Energy Facility	Georgia	55382	CCCT2	27,385	23,560	171	147	13	10
Murray Energy Facility	Georgia	55382	CCCT3	27,385	23,560	187	161	12	17
Murray Energy Facility	Georgia	55382	CCCT4	27,385	23,560	181	156	10	17
Robins	Georgia	7348	CT1	27,385	23,560	7	6	1	3
Robins	Georgia	7348	CT2	27,385	23,560	7	6	1	2
SEGCO Bainbridge	Georgia	56015	P1A	27,385	23,560	0	0		
SEGCO Bainbridge	Georgia	56015	P1B	27,385	23,560	0	0		
SEGCO Bainbridge	Georgia	56015	P2A	27,385	23,560	0	0		
SEGCO Bainbridge	Georgia	56015	P2B	27,385	23,560	0	0		
Scherer	Georgia	6257	1	27,385	23,560	1,573	1,353	2,163	2,059
Scherer	Georgia	6257	2	27,385	23,560	1,593	1,371	2,580	2,146

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
McManus	Georgia	715	4A				0	3	1
McManus	Georgia	715	4B				1	4	1
McManus	Georgia	715	4C				0	4	0
McManus	Georgia	715	4D				0	2	0
McManus	Georgia	715	4E				0	2	0
McManus	Georgia	715	4F				0	3	0
Mid-Georgia Cogeneration	Georgia	55040	1	7	9	14	6	0	11
Mid-Georgia Cogeneration	Georgia	55040	2	9	12	15	10	0	10
Mitchell (GA)	Georgia	727	3	1,256	829	901	944	35	243
Mitchell (GA)	Georgia	727	4AA				2	0	0
Mitchell (GA)	Georgia	727	4AB				1	0	0
Mitchell (GA)	Georgia	727	4BA				1	0	0
Mitchell (GA)	Georgia	727	4BB				2	0	0
Mitchell (GA)	Georgia	727	4CA				2	0	
Mitchell (GA)	Georgia	727	4CB				1	0	
Murray Energy Facility	Georgia	55382	CCCT1	14	12	18	15	19	24
Murray Energy Facility	Georgia	55382	CCCT2	12	18	21	13	14	20
Murray Energy Facility	Georgia	55382	CCCT3	15	12	18	13	25	22
Murray Energy Facility	Georgia	55382	CCCT4	14	12	18	14	25	24
Robins	Georgia	7348	CT1	0	5	9	3	2	1
Robins	Georgia	7348	CT2	0	5	8	2	2	0
SEGCO Bainbridge	Georgia	56015	P1A				0	0	0
SEGCO Bainbridge	Georgia	56015	P1B				0	0	0
SEGCO Bainbridge	Georgia	56015	P2A				0	0	0
SEGCO Bainbridge	Georgia	56015	P2B				0	0	0
Scherer	Georgia	6257	1	2,325	2,395	2,168	2,073	1,718	1,832
Scherer	Georgia	6257	2	2,047	2,086	1,940	2,029	2,022	2,044

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
McManus	Georgia	715	4A	3					
McManus	Georgia	715	4B	4					
McManus	Georgia	715	4C	4					
McManus	Georgia	715	4D	2					
McManus	Georgia	715	4E	2					
McManus	Georgia	715	4F	3					
Mid-Georgia Cogeneration	Georgia	55040	1	14					
Mid-Georgia Cogeneration	Georgia	55040	2	15					
Mitchell (GA)	Georgia	727	3	1,256					
Mitchell (GA)	Georgia	727	4AA	2					
Mitchell (GA)	Georgia	727	4AB	1					
Mitchell (GA)	Georgia	727	4BA	1					
Mitchell (GA)	Georgia	727	4BB	2					
Mitchell (GA)	Georgia	727	4CA	2					
Mitchell (GA)	Georgia	727	4CB	1					
Murray Energy Facility	Georgia	55382	CCCT1	24					
Murray Energy Facility	Georgia	55382	CCCT2	21					
Murray Energy Facility	Georgia	55382	CCCT3	25					
Murray Energy Facility	Georgia	55382	CCCT4	25					
Robins	Georgia	7348	CT1	9					
Robins	Georgia	7348	CT2	8					
SEGCO Bainbridge	Georgia	56015	P1A	0					
SEGCO Bainbridge	Georgia	56015	P1B	0					
SEGCO Bainbridge	Georgia	56015	P2A	0					
SEGCO Bainbridge	Georgia	56015	P2B	0					
Scherer	Georgia	6257	1	2,395					
Scherer	Georgia	6257	2	2,580					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
McManus	Georgia	715	4A				
McManus	Georgia	715	4B				
McManus	Georgia	715	4C				
McManus	Georgia	715	4D				
McManus	Georgia	715	4E				
McManus	Georgia	715	4F				
Mid-Georgia Cogeneration	Georgia	55040	1				
Mid-Georgia Cogeneration	Georgia	55040	2				
Mitchell (GA)	Georgia	727	3				
Mitchell (GA)	Georgia	727	4AA				
Mitchell (GA)	Georgia	727	4AB				
Mitchell (GA)	Georgia	727	4BA				
Mitchell (GA)	Georgia	727	4BB				
Mitchell (GA)	Georgia	727	4CA				
Mitchell (GA)	Georgia	727	4CB				
Murray Energy Facility	Georgia	55382	CCCT1				
Murray Energy Facility	Georgia	55382	CCCT2				
Murray Energy Facility	Georgia	55382	CCCT3				
Murray Energy Facility	Georgia	55382	CCCT4				
Robins	Georgia	7348	CT1				
Robins	Georgia	7348	CT2				
SEGCO Bainbridge	Georgia	56015	P1A				
SEGCO Bainbridge	Georgia	56015	P1B				
SEGCO Bainbridge	Georgia	56015	P2A				
SEGCO Bainbridge	Georgia	56015	P2B				
Scherer	Georgia	6257	1				
Scherer	Georgia	6257	2				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
McManus	Georgia	715	4A	0	0	0	0
McManus	Georgia	715	4B	1	1	1	1
McManus	Georgia	715	4C	0	0	0	0
McManus	Georgia	715	4D	0	0	0	0
McManus	Georgia	715	4E	0	0	0	0
McManus	Georgia	715	4F	0	0	0	0
Mid-Georgia Cogeneration	Georgia	55040	1	14	14	14	14
Mid-Georgia Cogeneration	Georgia	55040	2	15	15	15	15
Mitchell (GA)	Georgia	727	3	209	209	209	209
Mitchell (GA)	Georgia	727	4AA	0	0	0	0
Mitchell (GA)	Georgia	727	4AB	0	0	0	0
Mitchell (GA)	Georgia	727	4BA	0	0	0	0
Mitchell (GA)	Georgia	727	4BB	0	0	0	0
Mitchell (GA)	Georgia	727	4CA	0	0	0	0
Mitchell (GA)	Georgia	727	4CB	0	0	0	0
Murray Energy Facility	Georgia	55382	CCCT1	24	24	24	24
Murray Energy Facility	Georgia	55382	CCCT2	21	21	21	21
Murray Energy Facility	Georgia	55382	CCCT3	25	25	25	25
Murray Energy Facility	Georgia	55382	CCCT4	25	25	25	25
Robins	Georgia	7348	CT1	9	9	9	9
Robins	Georgia	7348	CT2	8	8	8	8
SEGCO Bainbridge	Georgia	56015	P1A	0	0	0	0
SEGCO Bainbridge	Georgia	56015	P1B	0	0	0	0
SEGCO Bainbridge	Georgia	56015	P2A	0	0	0	0
SEGCO Bainbridge	Georgia	56015	P2B	0	0	0	0
Scherer	Georgia	6257	1	2,051	2,051	2,051	2,051
Scherer	Georgia	6257	2	2,077	2,077	2,077	2,077

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
McManus	Georgia	715	4A	Y		Y	Y		
McManus	Georgia	715	4B	Y		Y	Y		
McManus	Georgia	715	4C	Y		Y	Y		
McManus	Georgia	715	4D	Y		Y	Y		
McManus	Georgia	715	4E	Y		Y	Y		
McManus	Georgia	715	4F	Y		Y	Y		
Mid-Georgia Cogeneration	Georgia	55040	1	Y		Y	Y		
Mid-Georgia Cogeneration	Georgia	55040	2	Y		Y	Y		
Mitchell (GA)	Georgia	727	3	Y		Y	Y		
Mitchell (GA)	Georgia	727	4AA	Y		Y	Y		
Mitchell (GA)	Georgia	727	4AB	Y		Y	Y		
Mitchell (GA)	Georgia	727	4BA	Y		Y	Y		
Mitchell (GA)	Georgia	727	4BB	Y		Y	Y		
Mitchell (GA)	Georgia	727	4CA	Y		Y	Y		
Mitchell (GA)	Georgia	727	4CB	Y		Y	Y		
Murray Energy Facility	Georgia	55382	CCCT1	Y		Y	Y		
Murray Energy Facility	Georgia	55382	CCCT2	Y		Y	Y		
Murray Energy Facility	Georgia	55382	CCCT3	Y		Y	Y		
Murray Energy Facility	Georgia	55382	CCCT4	Y		Y	Y		
Robins	Georgia	7348	CT1	Y		Y	Y		
Robins	Georgia	7348	CT2	Y		Y	Y		
SEGCO Bainbridge	Georgia	56015	P1A	Y		Y	Y		
SEGCO Bainbridge	Georgia	56015	P1B	Y		Y	Y		
SEGCO Bainbridge	Georgia	56015	P2A	Y		Y	Y		
SEGCO Bainbridge	Georgia	56015	P2B	Y		Y	Y		
Scherer	Georgia	6257	1	Y		Y	Y		
Scherer	Georgia	6257	2	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Scherer	Georgia	6257	3	2877	59,778,130	70,443,795	53,145,388	67,636,924	51,670,543
Scherer	Georgia	6257	4	2878	59,455,215	68,962,955	66,595,758	66,635,538	55,515,879
Sewell Creek Energy	Georgia	7813	1	3243	86,873	140,673	53,834	70,352	37,423
Sewell Creek Energy	Georgia	7813	2	3244	123,130	173,419	36,649	75,705	23,446
Sewell Creek Energy	Georgia	7813	3	3245	451,437	839,389	561,060	777,978	1,205,213
Sewell Creek Energy	Georgia	7813	4	3246	636,704	583,497	393,274	587,855	1,057,437
Smarr Energy Facility	Georgia	7829	1	3255	216,436	234,875	120,055	121,165	965,898
Smarr Energy Facility	Georgia	7829	2	3256	200,993	244,161	319,876	143,405	1,083,666
Sowega Power Project	Georgia	7768	CT2	3194	11,658	155,762	108,481	12,861	151,165
Sowega Power Project	Georgia	7768	CT3	3195	9,669	198,643	102,836	28,192	139,351
Talbot Energy Facility	Georgia	7916	1	3365	353,582	382,529	70,653	152,938	815,690
Talbot Energy Facility	Georgia	7916	2	3366	327,986	385,411	48,316	144,379	533,233
Talbot Energy Facility	Georgia	7916	3	3367	304,386	403,196	77,473	122,020	553,742
Talbot Energy Facility	Georgia	7916	4	3368	312,049	425,111	71,520	124,670	571,168
Talbot Energy Facility	Georgia	7916	5	3369	321,773	372,686	80,838	109,370	521,736
Talbot Energy Facility	Georgia	7916	6	3370	297,896	331,623	84,060	96,847	471,562
Tenaska Georgia Generating Station	Georgia	55061	CT1	3837	33,462	233,236	29,680	6,584	118,168
Tenaska Georgia Generating Station	Georgia	55061	CT2	3838	35,372	298,000	10,377		275,815
Tenaska Georgia Generating Station	Georgia	55061	CT3	3839	10,946	255,247	46,187	7,196	239,592
Tenaska Georgia Generating Station	Georgia	55061	CT4	3840	30,765	267,141	44,828		249,479
Tenaska Georgia Generating Station	Georgia	55061	CT5	3841	25,768	254,779	25,014		241,141
Tenaska Georgia Generating Station	Georgia	55061	CT6	3842	37,885	262,122	45,802	10,533	215,390
Walton County Power, LLC	Georgia	55128	T1	3960	431,514	370,550	55,237	329,443	1,237,815
Walton County Power, LLC	Georgia	55128	T2	3961	446,935	276,193	73,733	316,845	1,213,564
Walton County Power, LLC	Georgia	55128	T3	3962	464,761	291,357	87,947	331,670	1,231,401
Wansley (6052)	Georgia	6052	1	2722	65,166,869	56,733,676	63,766,533	39,340,358	40,976,074
Wansley (6052)	Georgia	6052	2	2723	57,417,718	67,743,506	53,622,118	33,840,291	51,067,655

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Scherer	Georgia	6257	3	65,952,950	1,055,697,849	0.062473	155,356	132,854
Scherer	Georgia	6257	4	67,398,084	1,055,697,849	0.063842	155,356	132,854
Sewell Creek Energy	Georgia	7813	1	99,299	1,055,697,849	0.000094	155,356	132,854
Sewell Creek Energy	Georgia	7813	2	124,085	1,055,697,849	0.000118	155,356	132,854
Sewell Creek Energy	Georgia	7813	3	940,860	1,055,697,849	0.000891	155,356	132,854
Sewell Creek Energy	Georgia	7813	4	760,665	1,055,697,849	0.000721	155,356	132,854
Smarr Energy Facility	Georgia	7829	1	472,403	1,055,697,849	0.000447	155,356	132,854
Smarr Energy Facility	Georgia	7829	2	549,234	1,055,697,849	0.000520	155,356	132,854
Sowega Power Project	Georgia	7768	CT2	138,470	1,055,697,849	0.000131	155,356	132,854
Sowega Power Project	Georgia	7768	CT3	146,943	1,055,697,849	0.000139	155,356	132,854
Talbot Energy Facility	Georgia	7916	1	517,267	1,055,697,849	0.000490	155,356	132,854
Talbot Energy Facility	Georgia	7916	2	415,543	1,055,697,849	0.000394	155,356	132,854
Talbot Energy Facility	Georgia	7916	3	420,441	1,055,697,849	0.000398	155,356	132,854
Talbot Energy Facility	Georgia	7916	4	436,109	1,055,697,849	0.000413	155,356	132,854
Talbot Energy Facility	Georgia	7916	5	405,398	1,055,697,849	0.000384	155,356	132,854
Talbot Energy Facility	Georgia	7916	6	367,027	1,055,697,849	0.000348	155,356	132,854
Tenaska Georgia Generating Station	Georgia	55061	CT1	128,288	1,055,697,849	0.000122	155,356	132,854
Tenaska Georgia Generating Station	Georgia	55061	CT2	203,062	1,055,697,849	0.000192	155,356	132,854
Tenaska Georgia Generating Station	Georgia	55061	CT3	180,342	1,055,697,849	0.000171	155,356	132,854
Tenaska Georgia Generating Station	Georgia	55061	CT4	187,150	1,055,697,849	0.000177	155,356	132,854
Tenaska Georgia Generating Station	Georgia	55061	CT5	173,896	1,055,697,849	0.000165	155,356	132,854
Tenaska Georgia Generating Station	Georgia	55061	CT6	174,438	1,055,697,849	0.000165	155,356	132,854
Walton County Power, LLC	Georgia	55128	T1	679,959	1,055,697,849	0.000644	155,356	132,854
Walton County Power, LLC	Georgia	55128	T2	659,115	1,055,697,849	0.000624	155,356	132,854
Walton County Power, LLC	Georgia	55128	T3	675,944	1,055,697,849	0.000640	155,356	132,854
Wansley (6052)	Georgia	6052	1	61,889,026	1,055,697,849	0.058624	155,356	132,854
Wansley (6052)	Georgia	6052	2	59,594,447	1,055,697,849	0.056450	155,356	132,854

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Scherer	Georgia	6257	3	60,770	52,663	9,706	8,300	3,797	3,290
Scherer	Georgia	6257	4	60,770	52,663	9,918	8,482	3,880	3,362
Sewell Creek Energy	Georgia	7813	1	60,770	52,663	15	12	6	5
Sewell Creek Energy	Georgia	7813	2	60,770	52,663	18	16	7	6
Sewell Creek Energy	Georgia	7813	3	60,770	52,663	138	118	54	47
Sewell Creek Energy	Georgia	7813	4	60,770	52,663	112	96	44	38
Smarr Energy Facility	Georgia	7829	1	60,770	52,663	70	59	27	24
Smarr Energy Facility	Georgia	7829	2	60,770	52,663	81	69	32	27
Sowega Power Project	Georgia	7768	CT2	60,770	52,663	20	17	8	7
Sowega Power Project	Georgia	7768	CT3	60,770	52,663	22	18	8	7
Talbot Energy Facility	Georgia	7916	1	60,770	52,663	76	65	30	26
Talbot Energy Facility	Georgia	7916	2	60,770	52,663	61	52	24	21
Talbot Energy Facility	Georgia	7916	3	60,770	52,663	62	53	24	21
Talbot Energy Facility	Georgia	7916	4	60,770	52,663	64	55	25	22
Talbot Energy Facility	Georgia	7916	5	60,770	52,663	60	51	23	20
Talbot Energy Facility	Georgia	7916	6	60,770	52,663	54	46	21	18
Tenaska Georgia Generating Station	Georgia	55061	CT1	60,770	52,663	19	16	7	6
Tenaska Georgia Generating Station	Georgia	55061	CT2	60,770	52,663	30	26	12	10
Tenaska Georgia Generating Station	Georgia	55061	CT3	60,770	52,663	27	23	10	9
Tenaska Georgia Generating Station	Georgia	55061	CT4	60,770	52,663	28	24	11	9
Tenaska Georgia Generating Station	Georgia	55061	CT5	60,770	52,663	26	22	10	9
Tenaska Georgia Generating Station	Georgia	55061	CT6	60,770	52,663	26	22	10	9
Walton County Power, LLC	Georgia	55128	T1	60,770	52,663	100	86	39	34
Walton County Power, LLC	Georgia	55128	T2	60,770	52,663	97	83	38	33
Walton County Power, LLC	Georgia	55128	T3	60,770	52,663	99	85	39	34
Wansley (6052)	Georgia	6052	1	60,770	52,663	9,108	7,788	3,563	3,087
Wansley (6052)	Georgia	6052	2	60,770	52,663	8,770	7,500	3,430	2,973

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Scherer	Georgia	6257	3	19,258	20,145	22,428	17,912	20,150
Scherer	Georgia	6257	4	22,955	19,156	18,320	17,612	19,409
Sewell Creek Energy	Georgia	7813	1	0	0	0	0	0
Sewell Creek Energy	Georgia	7813	2	0	0	0	0	0
Sewell Creek Energy	Georgia	7813	3	0	0	0	0	0
Sewell Creek Energy	Georgia	7813	4	0	0	0	0	0
Smarr Energy Facility	Georgia	7829	1	0	0	0	0	0
Smarr Energy Facility	Georgia	7829	2	0	0	0	0	0
Sowega Power Project	Georgia	7768	CT2	0	0	0	0	0
Sowega Power Project	Georgia	7768	CT3	0	0	0	0	0
Talbot Energy Facility	Georgia	7916	1	0	0	0	0	0
Talbot Energy Facility	Georgia	7916	2	0	0	0	0	0
Talbot Energy Facility	Georgia	7916	3	0	0	0	0	0
Talbot Energy Facility	Georgia	7916	4	0	0	0	0	0
Talbot Energy Facility	Georgia	7916	5	1	1	1	1	0
Talbot Energy Facility	Georgia	7916	6	1	1	1	1	1
Tenaska Georgia Generating Station	Georgia	55061	CT1	0	0	0	0	0
Tenaska Georgia Generating Station	Georgia	55061	CT2	0	0	0	0	0
Tenaska Georgia Generating Station	Georgia	55061	CT3	0	0	0	0	0
Tenaska Georgia Generating Station	Georgia	55061	CT4	1	0	0	0	0
Tenaska Georgia Generating Station	Georgia	55061	CT5	1	0	1	0	0
Tenaska Georgia Generating Station	Georgia	55061	CT6	1	0	0	0	0
Walton County Power, LLC	Georgia	55128	T1	0	0	0	0	0
Walton County Power, LLC	Georgia	55128	T2	0	0	0	0	0
Walton County Power, LLC	Georgia	55128	T3	0	0	0	0	0
Wansley (6052)	Georgia	6052	1	46,735	50,769	46,256	51,427	42,740
Wansley (6052)	Georgia	6052	2	47,244	48,206	55,286	44,768	51,106

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Scherer	Georgia	6257	3	16,017	19,623	14,677	22,428		
Scherer	Georgia	6257	4	19,285	18,737	15,715	22,955		
Sewell Creek Energy	Georgia	7813	1	0	0	0	0		
Sewell Creek Energy	Georgia	7813	2	0	0	0	0		
Sewell Creek Energy	Georgia	7813	3	0	0	0	0		
Sewell Creek Energy	Georgia	7813	4	0	0	0	0		
Smarr Energy Facility	Georgia	7829	1	0	0	0	0		
Smarr Energy Facility	Georgia	7829	2	0	0	0	0		
Sowega Power Project	Georgia	7768	CT2	0	0	0	0		
Sowega Power Project	Georgia	7768	CT3	0	0	0	0		
Talbot Energy Facility	Georgia	7916	1	0	0	0	0		
Talbot Energy Facility	Georgia	7916	2	0	0	0	0		
Talbot Energy Facility	Georgia	7916	3	0	0	0	0		
Talbot Energy Facility	Georgia	7916	4	0	0	0	0		
Talbot Energy Facility	Georgia	7916	5	0	0	0	0	1	
Talbot Energy Facility	Georgia	7916	6	1	0	0	0	1	
Tenaska Georgia Generating Station	Georgia	55061	CT1	0	0	0	0		
Tenaska Georgia Generating Station	Georgia	55061	CT2	0		0	0		
Tenaska Georgia Generating Station	Georgia	55061	CT3	0	0	0	0		
Tenaska Georgia Generating Station	Georgia	55061	CT4	0		0	0	1	
Tenaska Georgia Generating Station	Georgia	55061	CT5	0		0	0	1	
Tenaska Georgia Generating Station	Georgia	55061	CT6	0	0	0	0	1	
Walton County Power, LLC	Georgia	55128	T1	0	0	0	0		
Walton County Power, LLC	Georgia	55128	T2	0	0	0	0		
Walton County Power, LLC	Georgia	55128	T3	0	0	0	0		
Wansley (6052)	Georgia	6052	1	37,117	595	970	51,427		
Wansley (6052)	Georgia	6052	2	37,209	6,811	1,373	55,286		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Scherer	Georgia	6257	3					4,039	4,343
Scherer	Georgia	6257	4					4,716	4,165
Sewell Creek Energy	Georgia	7813	1					0	0
Sewell Creek Energy	Georgia	7813	2					1	1
Sewell Creek Energy	Georgia	7813	3					1	3
Sewell Creek Energy	Georgia	7813	4					0	4
Smarr Energy Facility	Georgia	7829	1					0	0
Smarr Energy Facility	Georgia	7829	2					0	0
Sowega Power Project	Georgia	7768	CT2					11	7
Sowega Power Project	Georgia	7768	CT3					13	8
Talbot Energy Facility	Georgia	7916	1					1	1
Talbot Energy Facility	Georgia	7916	2					1	1
Talbot Energy Facility	Georgia	7916	3					1	1
Talbot Energy Facility	Georgia	7916	4					1	1
Talbot Energy Facility	Georgia	7916	5					2	9
Talbot Energy Facility	Georgia	7916	6					2	6
Tenaska Georgia Generating Station	Georgia	55061	CT1					0	0
Tenaska Georgia Generating Station	Georgia	55061	CT2					1	0
Tenaska Georgia Generating Station	Georgia	55061	CT3					1	0
Tenaska Georgia Generating Station	Georgia	55061	CT4					2	0
Tenaska Georgia Generating Station	Georgia	55061	CT5					2	
Tenaska Georgia Generating Station	Georgia	55061	CT6					2	0
Walton County Power, LLC	Georgia	55128	T1					0	0
Walton County Power, LLC	Georgia	55128	T2					0	0
Walton County Power, LLC	Georgia	55128	T3					1	0
Wansley (6052)	Georgia	6052	1					5,397	6,913
Wansley (6052)	Georgia	6052	2					5,950	6,294

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Scherer	Georgia	6257	3	4,485	3,787	4,469	3,532	4,525
Scherer	Georgia	6257	4	4,164	3,854	4,672	4,668	4,757
Sewell Creek Energy	Georgia	7813	1	1	1	3	1	1
Sewell Creek Energy	Georgia	7813	2	1	2	5	1	2
Sewell Creek Energy	Georgia	7813	3	13	20	34	21	33
Sewell Creek Energy	Georgia	7813	4	16	30	30	20	30
Smarr Energy Facility	Georgia	7829	1	0	4	5	3	2
Smarr Energy Facility	Georgia	7829	2	0	4	4	6	3
Sowega Power Project	Georgia	7768	CT2	1	1	6	5	1
Sowega Power Project	Georgia	7768	CT3	1	1	9	5	1
Talbot Energy Facility	Georgia	7916	1	2	5	5	1	2
Talbot Energy Facility	Georgia	7916	2	2	4	5	1	2
Talbot Energy Facility	Georgia	7916	3	2	5	5	1	2
Talbot Energy Facility	Georgia	7916	4	2	4	5	1	2
Talbot Energy Facility	Georgia	7916	5	6	7	7	2	3
Talbot Energy Facility	Georgia	7916	6	4	6	7	3	2
Tenaska Georgia Generating Station	Georgia	55061	CT1	0	0	4	1	0
Tenaska Georgia Generating Station	Georgia	55061	CT2	2	1	4	0	
Tenaska Georgia Generating Station	Georgia	55061	CT3	7	0	4	1	0
Tenaska Georgia Generating Station	Georgia	55061	CT4	0	1	4	1	
Tenaska Georgia Generating Station	Georgia	55061	CT5	4	0	3	0	
Tenaska Georgia Generating Station	Georgia	55061	CT6	1	1	4	1	0
Walton County Power, LLC	Georgia	55128	T1	8	11	9	2	9
Walton County Power, LLC	Georgia	55128	T2	6	14	8	2	11
Walton County Power, LLC	Georgia	55128	T3	5	11	6	2	8
Wansley (6052)	Georgia	6052	1	6,313	7,507	5,834	7,681	1,093
Wansley (6052)	Georgia	6052	2	8,191	6,158	8,029	5,894	1,107

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Scherer	Georgia	6257	3	3,455	4,525				
Scherer	Georgia	6257	4	3,851	4,757				
Sewell Creek Energy	Georgia	7813	1	1	3				
Sewell Creek Energy	Georgia	7813	2	0	5				
Sewell Creek Energy	Georgia	7813	3	44	44				
Sewell Creek Energy	Georgia	7813	4	50	50				
Smarr Energy Facility	Georgia	7829	1	18	18				
Smarr Energy Facility	Georgia	7829	2	20	20				
Sowega Power Project	Georgia	7768	CT2	7	11				
Sowega Power Project	Georgia	7768	CT3	6	13				
Talbot Energy Facility	Georgia	7916	1	11	11				
Talbot Energy Facility	Georgia	7916	2	7	7				
Talbot Energy Facility	Georgia	7916	3	7	7				
Talbot Energy Facility	Georgia	7916	4	7	7				
Talbot Energy Facility	Georgia	7916	5	10	10				
Talbot Energy Facility	Georgia	7916	6	8	8				
Tenaska Georgia Generating Station	Georgia	55061	CT1	2	4				
Tenaska Georgia Generating Station	Georgia	55061	CT2	5	5				
Tenaska Georgia Generating Station	Georgia	55061	CT3	6	7				
Tenaska Georgia Generating Station	Georgia	55061	CT4	5	5				
Tenaska Georgia Generating Station	Georgia	55061	CT5	4	4				
Tenaska Georgia Generating Station	Georgia	55061	CT6	5	5				
Walton County Power, LLC	Georgia	55128	T1	32	32				
Walton County Power, LLC	Georgia	55128	T2	39	39				
Walton County Power, LLC	Georgia	55128	T3	30	30				
Wansley (6052)	Georgia	6052	1	1,135	7,681				
Wansley (6052)	Georgia	6052	2	1,561	8,191				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)
Scherer	Georgia	6257	3				
Scherer	Georgia	6257	4				
Sewell Creek Energy	Georgia	7813	1				
Sewell Creek Energy	Georgia	7813	2				
Sewell Creek Energy	Georgia	7813	3				
Sewell Creek Energy	Georgia	7813	4				
Smarr Energy Facility	Georgia	7829	1				
Smarr Energy Facility	Georgia	7829	2				
Sowega Power Project	Georgia	7768	CT2				
Sowega Power Project	Georgia	7768	CT3				
Talbot Energy Facility	Georgia	7916	1				
Talbot Energy Facility	Georgia	7916	2				
Talbot Energy Facility	Georgia	7916	3				
Talbot Energy Facility	Georgia	7916	4				
Talbot Energy Facility	Georgia	7916	5				
Talbot Energy Facility	Georgia	7916	6				
Tenaska Georgia Generating Station	Georgia	55061	CT1				
Tenaska Georgia Generating Station	Georgia	55061	CT2				
Tenaska Georgia Generating Station	Georgia	55061	CT3				
Tenaska Georgia Generating Station	Georgia	55061	CT4				
Tenaska Georgia Generating Station	Georgia	55061	CT5				
Tenaska Georgia Generating Station	Georgia	55061	CT6				
Walton County Power, LLC	Georgia	55128	T1				
Walton County Power, LLC	Georgia	55128	T2				
Walton County Power, LLC	Georgia	55128	T3				
Wansley (6052)	Georgia	6052	1				
Wansley (6052)	Georgia	6052	2				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Scherer	Georgia	6257	3	9,717	9,717	9,717	9,717
Scherer	Georgia	6257	4	9,930	9,930	9,930	9,930
Sewell Creek Energy	Georgia	7813	1	0	0	0	0
Sewell Creek Energy	Georgia	7813	2	0	0	0	0
Sewell Creek Energy	Georgia	7813	3	0	0	0	0
Sewell Creek Energy	Georgia	7813	4	0	0	0	0
Smarr Energy Facility	Georgia	7829	1	0	0	0	0
Smarr Energy Facility	Georgia	7829	2	0	0	0	0
Sowega Power Project	Georgia	7768	CT2	0	0	0	0
Sowega Power Project	Georgia	7768	CT3	0	0	0	0
Talbot Energy Facility	Georgia	7916	1	0	0	0	0
Talbot Energy Facility	Georgia	7916	2	0	0	0	0
Talbot Energy Facility	Georgia	7916	3	0	0	0	0
Talbot Energy Facility	Georgia	7916	4	0	0	0	0
Talbot Energy Facility	Georgia	7916	5	1	1	1	1
Talbot Energy Facility	Georgia	7916	6	1	1	1	1
Tenaska Georgia Generating Station	Georgia	55061	CT1	0	0	0	0
Tenaska Georgia Generating Station	Georgia	55061	CT2	0	0	0	0
Tenaska Georgia Generating Station	Georgia	55061	CT3	0	0	0	0
Tenaska Georgia Generating Station	Georgia	55061	CT4	1	1	1	1
Tenaska Georgia Generating Station	Georgia	55061	CT5	1	1	1	1
Tenaska Georgia Generating Station	Georgia	55061	CT6	1	1	1	1
Walton County Power, LLC	Georgia	55128	T1	0	0	0	0
Walton County Power, LLC	Georgia	55128	T2	0	0	0	0
Walton County Power, LLC	Georgia	55128	T3	0	0	0	0
Wansley (6052)	Georgia	6052	1	9,118	9,118	9,118	9,118
Wansley (6052)	Georgia	6052	2	8,780	8,780	8,780	8,780

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Scherer	Georgia	6257	3			3,713	3,713
Scherer	Georgia	6257	4			3,794	3,794
Sewell Creek Energy	Georgia	7813	1			3	3
Sewell Creek Energy	Georgia	7813	2			5	5
Sewell Creek Energy	Georgia	7813	3			44	44
Sewell Creek Energy	Georgia	7813	4			43	43
Smarr Energy Facility	Georgia	7829	1			18	18
Smarr Energy Facility	Georgia	7829	2			20	20
Sowega Power Project	Georgia	7768	CT2			8	8
Sowega Power Project	Georgia	7768	CT3			8	8
Talbot Energy Facility	Georgia	7916	1			11	11
Talbot Energy Facility	Georgia	7916	2			7	7
Talbot Energy Facility	Georgia	7916	3			7	7
Talbot Energy Facility	Georgia	7916	4			7	7
Talbot Energy Facility	Georgia	7916	5			10	10
Talbot Energy Facility	Georgia	7916	6			8	8
Tenaska Georgia Generating Station	Georgia	55061	CT1			4	4
Tenaska Georgia Generating Station	Georgia	55061	CT2			5	5
Tenaska Georgia Generating Station	Georgia	55061	CT3			7	7
Tenaska Georgia Generating Station	Georgia	55061	CT4			5	5
Tenaska Georgia Generating Station	Georgia	55061	CT5			4	4
Tenaska Georgia Generating Station	Georgia	55061	CT6			5	5
Walton County Power, LLC	Georgia	55128	T1			32	32
Walton County Power, LLC	Georgia	55128	T2			37	37
Walton County Power, LLC	Georgia	55128	T3			30	30
Wansley (6052)	Georgia	6052	1			3,484	3,484
Wansley (6052)	Georgia	6052	2			3,355	3,355

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation								
Scherer	Georgia	6257	3	3,713	3,713	29,519,402	31,073,072	27,325,574
Scherer	Georgia	6257	4	3,794	3,794	23,955,774	28,336,133	31,274,118
Sewell Creek Energy	Georgia	7813	1	3	3	86,617	140,673	52,727
Sewell Creek Energy	Georgia	7813	2	5	5	123,123	170,898	35,702
Sewell Creek Energy	Georgia	7813	3	44	44	435,000	826,251	558,206
Sewell Creek Energy	Georgia	7813	4	43	43	619,792	520,294	392,082
Smarr Energy Facility	Georgia	7829	1	18	18	216,389	232,561	118,473
Smarr Energy Facility	Georgia	7829	2	20	20	200,978	242,623	159,386
Sowega Power Project	Georgia	7768	CT2	8	8		126,056	92,388
Sowega Power Project	Georgia	7768	CT3	8	8		168,034	88,399
Talbot Energy Facility	Georgia	7916	1	11	11	327,917	382,486	66,575
Talbot Energy Facility	Georgia	7916	2	7	7	314,649	385,215	43,847
Talbot Energy Facility	Georgia	7916	3	7	7	276,622	381,455	73,516
Talbot Energy Facility	Georgia	7916	4	7	7	286,152	417,428	70,088
Talbot Energy Facility	Georgia	7916	5	10	10	285,633	366,830	65,601
Talbot Energy Facility	Georgia	7916	6	8	8	261,125	314,692	54,358
Tenaska Georgia Generating Station	Georgia	55061	CT1	4	4	33,462	228,057	29,680
Tenaska Georgia Generating Station	Georgia	55061	CT2	5	5	35,372	278,430	10,377
Tenaska Georgia Generating Station	Georgia	55061	CT3	7	7	10,946	249,495	46,187
Tenaska Georgia Generating Station	Georgia	55061	CT4	5	5	30,765	244,875	44,828
Tenaska Georgia Generating Station	Georgia	55061	CT5	4	4	25,768	247,621	25,014
Tenaska Georgia Generating Station	Georgia	55061	CT6	5	5	37,885	256,357	45,802
Walton County Power, LLC	Georgia	55128	T1	32	32	359,691	343,706	31,242
Walton County Power, LLC	Georgia	55128	T2	37	37	382,567	242,208	55,835
Walton County Power, LLC	Georgia	55128	T3	30	30	415,862	272,832	69,481
Wansley (6052)	Georgia	6052	1	3,484	3,484	29,102,510	28,914,348	27,908,071
Wansley (6052)	Georgia	6052	2	3,355	3,355	29,264,079	30,038,896	25,328,619

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Scherer	Georgia	6257	3	27,096,040	25,164,927	29,306,016	497,863,973	0.058864
Scherer	Georgia	6257	4	27,970,801	30,149,611	29,919,954	497,863,973	0.060097
Sewell Creek Energy	Georgia	7813	1	58,140	37,423	95,143	497,863,973	0.000191
Sewell Creek Energy	Georgia	7813	2	66,961	22,016	120,328	497,863,973	0.000242
Sewell Creek Energy	Georgia	7813	3	740,320	1,205,103	923,892	497,863,973	0.001856
Sewell Creek Energy	Georgia	7813	4	563,320	1,051,937	745,016	497,863,973	0.001496
Smarr Energy Facility	Georgia	7829	1	118,733	962,492	470,481	497,863,973	0.000945
Smarr Energy Facility	Georgia	7829	2	141,490	1,066,559	503,387	497,863,973	0.001011
Sowega Power Project	Georgia	7768	CT2	5,912	149,212	122,552	497,863,973	0.000246
Sowega Power Project	Georgia	7768	CT3	22,391	139,314	131,915	497,863,973	0.000265
Talbot Energy Facility	Georgia	7916	1	151,129	698,982	469,795	497,863,973	0.000944
Talbot Energy Facility	Georgia	7916	2	129,419	479,741	393,202	497,863,973	0.000790
Talbot Energy Facility	Georgia	7916	3	108,529	529,762	395,946	497,863,973	0.000795
Talbot Energy Facility	Georgia	7916	4	105,194	542,691	415,423	497,863,973	0.000834
Talbot Energy Facility	Georgia	7916	5	97,937	481,703	378,055	497,863,973	0.000759
Talbot Energy Facility	Georgia	7916	6	69,853	438,888	338,235	497,863,973	0.000679
Tenaska Georgia Generating Station	Georgia	55061	CT1		106,831	122,783	497,863,973	0.000247
Tenaska Georgia Generating Station	Georgia	55061	CT2		214,473	176,092	497,863,973	0.000354
Tenaska Georgia Generating Station	Georgia	55061	CT3		180,295	158,659	497,863,973	0.000319
Tenaska Georgia Generating Station	Georgia	55061	CT4		194,100	161,268	497,863,973	0.000324
Tenaska Georgia Generating Station	Georgia	55061	CT5		192,322	155,237	497,863,973	0.000312
Tenaska Georgia Generating Station	Georgia	55061	CT6		164,127	155,429	497,863,973	0.000312
Walton County Power, LLC	Georgia	55128	T1	288,908	949,617	551,005	497,863,973	0.001107
Walton County Power, LLC	Georgia	55128	T2	278,659	918,321	526,516	497,863,973	0.001058
Walton County Power, LLC	Georgia	55128	T3	293,023	968,538	559,141	497,863,973	0.001123
Wansley (6052)	Georgia	6052	1	20,451,607	23,295,099	28,641,643	497,863,973	0.057529
Wansley (6052)	Georgia	6052	2	16,544,045	23,467,840	28,210,531	497,863,973	0.056663

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Scherer	Georgia	6257	3	27,385	23,560	1,612	1,387	1,732	2,081
Scherer	Georgia	6257	4	27,385	23,560	1,646	1,416	2,041	2,045
Sewell Creek Energy	Georgia	7813	1	27,385	23,560	5	5	0	0
Sewell Creek Energy	Georgia	7813	2	27,385	23,560	7	6	0	0
Sewell Creek Energy	Georgia	7813	3	27,385	23,560	51	44	1	3
Sewell Creek Energy	Georgia	7813	4	27,385	23,560	41	35	0	4
Smarr Energy Facility	Georgia	7829	1	27,385	23,560	26	22	0	0
Smarr Energy Facility	Georgia	7829	2	27,385	23,560	28	24	0	0
Sowega Power Project	Georgia	7768	CT2	27,385	23,560	7	6	8	6
Sowega Power Project	Georgia	7768	CT3	27,385	23,560	7	6	10	6
Talbot Energy Facility	Georgia	7916	1	27,385	23,560	26	22	1	1
Talbot Energy Facility	Georgia	7916	2	27,385	23,560	22	19	1	1
Talbot Energy Facility	Georgia	7916	3	27,385	23,560	22	19	1	1
Talbot Energy Facility	Georgia	7916	4	27,385	23,560	23	20	0	1
Talbot Energy Facility	Georgia	7916	5	27,385	23,560	21	18	1	6
Talbot Energy Facility	Georgia	7916	6	27,385	23,560	19	16	1	4
Tenaska Georgia Generating Station	Georgia	55061	CT1	27,385	23,560	7	6		
Tenaska Georgia Generating Station	Georgia	55061	CT2	27,385	23,560	10	8		
Tenaska Georgia Generating Station	Georgia	55061	CT3	27,385	23,560	9	8		
Tenaska Georgia Generating Station	Georgia	55061	CT4	27,385	23,560	9	8		
Tenaska Georgia Generating Station	Georgia	55061	CT5	27,385	23,560	9	7		
Tenaska Georgia Generating Station	Georgia	55061	CT6	27,385	23,560	9	7		
Walton County Power, LLC	Georgia	55128	T1	27,385	23,560	30	26	0	
Walton County Power, LLC	Georgia	55128	T2	27,385	23,560	29	25	0	
Walton County Power, LLC	Georgia	55128	T3	27,385	23,560	31	26	1	
Wansley (6052)	Georgia	6052	1	27,385	23,560	1,575	1,355	703	671
Wansley (6052)	Georgia	6052	2	27,385	23,560	1,552	1,335	726	746

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Scherer	Georgia	6257	3	1,867	1,871	1,932	1,786	1,794	1,638
Scherer	Georgia	6257	4	1,956	1,556	1,915	2,215	1,983	2,099
Sewell Creek Energy	Georgia	7813	1	1	1	3	1	1	1
Sewell Creek Energy	Georgia	7813	2	0	2	5	1	1	0
Sewell Creek Energy	Georgia	7813	3	13	19	33	21	31	44
Sewell Creek Energy	Georgia	7813	4	15	30	26	20	29	50
Smarr Energy Facility	Georgia	7829	1	0	4	4	3	2	18
Smarr Energy Facility	Georgia	7829	2	0	4	4	3	3	20
Sowega Power Project	Georgia	7768	CT2			5	4	0	6
Sowega Power Project	Georgia	7768	CT3			8	4	1	6
Talbot Energy Facility	Georgia	7916	1	2	4	5	1	2	9
Talbot Energy Facility	Georgia	7916	2	1	4	5	1	2	6
Talbot Energy Facility	Georgia	7916	3	2	4	5	1	1	7
Talbot Energy Facility	Georgia	7916	4	2	3	5	1	1	7
Talbot Energy Facility	Georgia	7916	5	2	4	6	1	2	7
Talbot Energy Facility	Georgia	7916	6	2	4	5	1	1	6
Tenaska Georgia Generating Station	Georgia	55061	CT1		0	3	1		2
Tenaska Georgia Generating Station	Georgia	55061	CT2	2	1	4	0		3
Tenaska Georgia Generating Station	Georgia	55061	CT3	7	0	4	1		3
Tenaska Georgia Generating Station	Georgia	55061	CT4		1	4	1		4
Tenaska Georgia Generating Station	Georgia	55061	CT5	4	0	3	0		3
Tenaska Georgia Generating Station	Georgia	55061	CT6	1	1	4	1		3
Walton County Power, LLC	Georgia	55128	T1	7	9	9	1	8	21
Walton County Power, LLC	Georgia	55128	T2	6	12	7	2	10	26
Walton County Power, LLC	Georgia	55128	T3	4	9	6	2	7	21
Wansley (6052)	Georgia	6052	1	729	746	757	745	554	556
Wansley (6052)	Georgia	6052	2	758	740	776	646	450	606

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Scherer	Georgia	6257	3	2,081					
Scherer	Georgia	6257	4	2,215					
Sewell Creek Energy	Georgia	7813	1	3					
Sewell Creek Energy	Georgia	7813	2	5					
Sewell Creek Energy	Georgia	7813	3	44					
Sewell Creek Energy	Georgia	7813	4	50					
Smarr Energy Facility	Georgia	7829	1	18					
Smarr Energy Facility	Georgia	7829	2	20					
Sowega Power Project	Georgia	7768	CT2	8					
Sowega Power Project	Georgia	7768	CT3	10					
Talbot Energy Facility	Georgia	7916	1	9					
Talbot Energy Facility	Georgia	7916	2	6					
Talbot Energy Facility	Georgia	7916	3	7					
Talbot Energy Facility	Georgia	7916	4	7					
Talbot Energy Facility	Georgia	7916	5	7					
Talbot Energy Facility	Georgia	7916	6	6					
Tenaska Georgia Generating Station	Georgia	55061	CT1	3					
Tenaska Georgia Generating Station	Georgia	55061	CT2	4					
Tenaska Georgia Generating Station	Georgia	55061	CT3	7					
Tenaska Georgia Generating Station	Georgia	55061	CT4	4					
Tenaska Georgia Generating Station	Georgia	55061	CT5	4					
Tenaska Georgia Generating Station	Georgia	55061	CT6	4					
Walton County Power, LLC	Georgia	55128	T1	21					
Walton County Power, LLC	Georgia	55128	T2	26					
Walton County Power, LLC	Georgia	55128	T3	21					
Wansley (6052)	Georgia	6052	1	757					
Wansley (6052)	Georgia	6052	2	776					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Scherer	Georgia	6257	3				
Scherer	Georgia	6257	4				
Sewell Creek Energy	Georgia	7813	1				
Sewell Creek Energy	Georgia	7813	2				
Sewell Creek Energy	Georgia	7813	3				
Sewell Creek Energy	Georgia	7813	4				
Smarr Energy Facility	Georgia	7829	1				
Smarr Energy Facility	Georgia	7829	2				
Sowega Power Project	Georgia	7768	CT2				
Sowega Power Project	Georgia	7768	CT3				
Talbot Energy Facility	Georgia	7916	1				
Talbot Energy Facility	Georgia	7916	2				
Talbot Energy Facility	Georgia	7916	3				
Talbot Energy Facility	Georgia	7916	4				
Talbot Energy Facility	Georgia	7916	5				
Talbot Energy Facility	Georgia	7916	6				
Tenaska Georgia Generating Station	Georgia	55061	CT1				
Tenaska Georgia Generating Station	Georgia	55061	CT2				
Tenaska Georgia Generating Station	Georgia	55061	CT3				
Tenaska Georgia Generating Station	Georgia	55061	CT4				
Tenaska Georgia Generating Station	Georgia	55061	CT5				
Tenaska Georgia Generating Station	Georgia	55061	CT6				
Walton County Power, LLC	Georgia	55128	T1				
Walton County Power, LLC	Georgia	55128	T2				
Walton County Power, LLC	Georgia	55128	T3				
Wansley (6052)	Georgia	6052	1				
Wansley (6052)	Georgia	6052	2				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Scherer	Georgia	6257	3	2,081	2,081	2,081	2,081
Scherer	Georgia	6257	4	2,146	2,146	2,146	2,146
Sewell Creek Energy	Georgia	7813	1	3	3	3	3
Sewell Creek Energy	Georgia	7813	2	5	5	5	5
Sewell Creek Energy	Georgia	7813	3	44	44	44	44
Sewell Creek Energy	Georgia	7813	4	50	50	50	50
Smarr Energy Facility	Georgia	7829	1	18	18	18	18
Smarr Energy Facility	Georgia	7829	2	20	20	20	20
Sowega Power Project	Georgia	7768	CT2	8	8	8	8
Sowega Power Project	Georgia	7768	CT3	9	9	9	9
Talbot Energy Facility	Georgia	7916	1	9	9	9	9
Talbot Energy Facility	Georgia	7916	2	6	6	6	6
Talbot Energy Facility	Georgia	7916	3	7	7	7	7
Talbot Energy Facility	Georgia	7916	4	7	7	7	7
Talbot Energy Facility	Georgia	7916	5	7	7	7	7
Talbot Energy Facility	Georgia	7916	6	6	6	6	6
Tenaska Georgia Generating Station	Georgia	55061	CT1	3	3	3	3
Tenaska Georgia Generating Station	Georgia	55061	CT2	4	4	4	4
Tenaska Georgia Generating Station	Georgia	55061	CT3	7	7	7	7
Tenaska Georgia Generating Station	Georgia	55061	CT4	4	4	4	4
Tenaska Georgia Generating Station	Georgia	55061	CT5	4	4	4	4
Tenaska Georgia Generating Station	Georgia	55061	CT6	4	4	4	4
Walton County Power, LLC	Georgia	55128	T1	21	21	21	21
Walton County Power, LLC	Georgia	55128	T2	26	26	26	26
Walton County Power, LLC	Georgia	55128	T3	21	21	21	21
Wansley (6052)	Georgia	6052	1	757	757	757	757
Wansley (6052)	Georgia	6052	2	776	776	776	776

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Scherer	Georgia	6257	3	Y		Y	Y		
Scherer	Georgia	6257	4	Y		Y	Y		
Sewell Creek Energy	Georgia	7813	1	Y		Y	Y		
Sewell Creek Energy	Georgia	7813	2	Y		Y	Y		
Sewell Creek Energy	Georgia	7813	3	Y		Y	Y		
Sewell Creek Energy	Georgia	7813	4	Y		Y	Y		
Smarr Energy Facility	Georgia	7829	1	Y		Y	Y		
Smarr Energy Facility	Georgia	7829	2	Y		Y	Y		
Sowega Power Project	Georgia	7768	CT2	Y		Y	Y		
Sowega Power Project	Georgia	7768	CT3	Y		Y	Y		
Talbot Energy Facility	Georgia	7916	1	Y		Y	Y		
Talbot Energy Facility	Georgia	7916	2	Y		Y	Y		
Talbot Energy Facility	Georgia	7916	3	Y		Y	Y		
Talbot Energy Facility	Georgia	7916	4	Y		Y	Y		
Talbot Energy Facility	Georgia	7916	5	Y		Y	Y		
Talbot Energy Facility	Georgia	7916	6	Y		Y	Y		
Tenaska Georgia Generating Station	Georgia	55061	CT1	Y		Y	Y		
Tenaska Georgia Generating Station	Georgia	55061	CT2	Y		Y	Y		
Tenaska Georgia Generating Station	Georgia	55061	CT3	Y		Y	Y		
Tenaska Georgia Generating Station	Georgia	55061	CT4	Y		Y	Y		
Tenaska Georgia Generating Station	Georgia	55061	CT5	Y		Y	Y		
Tenaska Georgia Generating Station	Georgia	55061	CT6	Y		Y	Y		
Walton County Power, LLC	Georgia	55128	T1	Y		Y	Y		
Walton County Power, LLC	Georgia	55128	T2	Y		Y	Y		
Walton County Power, LLC	Georgia	55128	T3	Y		Y	Y		
Wansley (6052)	Georgia	6052	1	Y		Y	Y		
Wansley (6052)	Georgia	6052	2	Y		Y	Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Wansley (6052)	Georgia	6052	5A	90257			10,947	5,049	6,340
Wansley (6052)	Georgia	6052	6A	8352	4,416,550	4,555,598	4,777,165	6,392,824	10,674,739
Wansley (6052)	Georgia	6052	6B	8354	4,467,622	4,670,649	4,883,748	6,583,069	10,741,096
Wansley (6052)	Georgia	6052	7A	8356	4,309,969	4,756,778	4,788,373	7,224,504	8,791,070
Wansley (6052)	Georgia	6052	7B	8358	4,232,821	4,734,263	4,824,426	7,245,965	9,025,401
Wansley (7946)	Georgia	7946	CT9A	8402	2,455,527	3,264,193	2,099,245	4,106,991	3,937,334
Wansley (7946)	Georgia	7946	CT9B	8404	2,728,199	3,069,461	1,939,298	3,871,427	3,781,323
Washington County Power, LLC	Georgia	55332	T1	4503	137,942	191,996	213,146	69,580	488,920
Washington County Power, LLC	Georgia	55332	T2	4504	300,575	230,944	194,679	193,617	844,354
Washington County Power, LLC	Georgia	55332	T3	4505	273,673	202,399	168,638	190,970	876,852
Washington County Power, LLC	Georgia	55332	T4	4506	94,645	268,452	177,536	41,644	474,373
West Georgia Generating Facility	Georgia	55267	1	4369	554,653	818,519	257,284	36,047	145,910
West Georgia Generating Facility	Georgia	55267	2	4370	552,802	879,477	292,215	46,552	185,277
West Georgia Generating Facility	Georgia	55267	3	4371	531,784	859,521	279,377	46,795	175,886
West Georgia Generating Facility	Georgia	55267	4	4372	30,324	581,458	172,280	13,284	152,754
Yates	Georgia	728	Y1BR	551	6,834,850	6,727,512	5,847,839	5,056,133	4,820,556
Yates	Georgia	728	Y2BR	552	5,740,948	6,394,686	5,294,002	3,272,199	4,019,744
Yates	Georgia	728	Y3BR	553	4,984,392	6,218,134	4,953,363	4,199,556	4,361,342
Yates	Georgia	728	Y4BR	554	7,783,800	8,370,243	7,059,905	3,819,856	5,136,618
Yates	Georgia	728	Y5BR	555	6,962,346	7,847,517	7,027,079	4,145,383	5,208,580
Yates	Georgia	728	Y6BR	556	20,107,608	21,365,528	23,101,021	14,981,376	18,088,710
Yates	Georgia	728	Y7BR	557	20,647,399	21,803,810	19,223,251	13,006,633	17,803,064
A B Brown Generating Station	Indiana	6137	1	2797	17,359,693	15,675,670	17,629,930	10,299,730	10,687,617
A B Brown Generating Station	Indiana	6137	2	2798	17,113,660	17,267,386	17,999,699	12,720,105	12,352,405
A B Brown Generating Station	Indiana	6137	3	2799	190,897	133,479	227,309	138,581	284,565
A B Brown Generating Station	Indiana	6137	4	10210	307,400	265,791	196,805	112,444	211,659
Alcoa Allowance Management Inc	Indiana	6705	4	2905	25,277,887	24,820,328	23,807,944	22,997,258	25,403,484

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Wansley (6052)	Georgia	6052	5A	7,445	1,055,697,849	0.000007	155,356	132,854
Wansley (6052)	Georgia	6052	6A	7,281,576	1,055,697,849	0.006897	155,356	132,854
Wansley (6052)	Georgia	6052	6B	7,402,638	1,055,697,849	0.007012	155,356	132,854
Wansley (6052)	Georgia	6052	7A	6,934,649	1,055,697,849	0.006569	155,356	132,854
Wansley (6052)	Georgia	6052	7B	7,031,931	1,055,697,849	0.006661	155,356	132,854
Wansley (7946)	Georgia	7946	CT9A	3,769,506	1,055,697,849	0.003571	155,356	132,854
Wansley (7946)	Georgia	7946	CT9B	3,574,070	1,055,697,849	0.003386	155,356	132,854
Washington County Power, LLC	Georgia	55332	T1	298,021	1,055,697,849	0.000282	155,356	132,854
Washington County Power, LLC	Georgia	55332	T2	458,624	1,055,697,849	0.000434	155,356	132,854
Washington County Power, LLC	Georgia	55332	T3	450,975	1,055,697,849	0.000427	155,356	132,854
Washington County Power, LLC	Georgia	55332	T4	306,787	1,055,697,849	0.000291	155,356	132,854
West Georgia Generating Facility	Georgia	55267	1	543,485	1,055,697,849	0.000515	155,356	132,854
West Georgia Generating Facility	Georgia	55267	2	574,831	1,055,697,849	0.000545	155,356	132,854
West Georgia Generating Facility	Georgia	55267	3	556,894	1,055,697,849	0.000528	155,356	132,854
West Georgia Generating Facility	Georgia	55267	4	302,164	1,055,697,849	0.000286	155,356	132,854
Yates	Georgia	728	Y1BR	6,470,067	1,055,697,849	0.006129	155,356	132,854
Yates	Georgia	728	Y2BR	5,809,879	1,055,697,849	0.005503	155,356	132,854
Yates	Georgia	728	Y3BR	5,385,296	1,055,697,849	0.005101	155,356	132,854
Yates	Georgia	728	Y4BR	7,737,983	1,055,697,849	0.007330	155,356	132,854
Yates	Georgia	728	Y5BR	7,278,981	1,055,697,849	0.006895	155,356	132,854
Yates	Georgia	728	Y6BR	21,524,719	1,055,697,849	0.020389	155,356	132,854
Yates	Georgia	728	Y7BR	20,558,154	1,055,697,849	0.019474	155,356	132,854
A B Brown Generating Station	Indiana	6137	1	16,888,431	1,326,412,000	0.012732	282,039	161,456
A B Brown Generating Station	Indiana	6137	2	17,460,248	1,326,412,000	0.013164	282,039	161,456
A B Brown Generating Station	Indiana	6137	3	234,257	1,326,412,000	0.000177	282,039	161,456
A B Brown Generating Station	Indiana	6137	4	261,617	1,326,412,000	0.000197	282,039	161,456
Alcoa Allowance Management Inc	Indiana	6705	4	25,167,233	1,326,412,000	0.018974	282,039	161,456

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Wansley (6052)	Georgia	6052	5A	60,770	52,663	1	1	0	0
Wansley (6052)	Georgia	6052	6A	60,770	52,663	1,072	916	419	363
Wansley (6052)	Georgia	6052	6B	60,770	52,663	1,089	932	426	369
Wansley (6052)	Georgia	6052	7A	60,770	52,663	1,020	873	399	346
Wansley (6052)	Georgia	6052	7B	60,770	52,663	1,035	885	405	351
Wansley (7946)	Georgia	7946	CT9A	60,770	52,663	555	474	217	188
Wansley (7946)	Georgia	7946	CT9B	60,770	52,663	526	450	206	178
Washington County Power, LLC	Georgia	55332	T1	60,770	52,663	44	38	17	15
Washington County Power, LLC	Georgia	55332	T2	60,770	52,663	67	58	26	23
Washington County Power, LLC	Georgia	55332	T3	60,770	52,663	66	57	26	22
Washington County Power, LLC	Georgia	55332	T4	60,770	52,663	45	39	18	15
West Georgia Generating Facility	Georgia	55267	1	60,770	52,663	80	68	31	27
West Georgia Generating Facility	Georgia	55267	2	60,770	52,663	85	72	33	29
West Georgia Generating Facility	Georgia	55267	3	60,770	52,663	82	70	32	28
West Georgia Generating Facility	Georgia	55267	4	60,770	52,663	44	38	17	15
Yates	Georgia	728	Y1BR	60,770	52,663	952	814	372	323
Yates	Georgia	728	Y2BR	60,770	52,663	855	731	334	290
Yates	Georgia	728	Y3BR	60,770	52,663	792	678	310	269
Yates	Georgia	728	Y4BR	60,770	52,663	1,139	974	445	386
Yates	Georgia	728	Y5BR	60,770	52,663	1,071	916	419	363
Yates	Georgia	728	Y6BR	60,770	52,663	3,168	2,709	1,239	1,074
Yates	Georgia	728	Y7BR	60,770	52,663	3,025	2,587	1,183	1,026
A B Brown Generating Station	Indiana	6137	1	106,434	105,171	3,591	2,056	1,355	1,339
A B Brown Generating Station	Indiana	6137	2	106,434	105,171	3,713	2,125	1,401	1,384
A B Brown Generating Station	Indiana	6137	3	106,434	105,171	50	29	19	19
A B Brown Generating Station	Indiana	6137	4	106,434	105,171	56	32	21	21
Alcoa Allowance Management Inc	Indiana	6705	4	106,434	105,171	5,351	3,063	2,019	1,996

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Wansley (6052)	Georgia	6052	5A					
Wansley (6052)	Georgia	6052	6A	1	1	1	1	1
Wansley (6052)	Georgia	6052	6B	1	1	1	1	1
Wansley (6052)	Georgia	6052	7A	1	1	1	1	1
Wansley (6052)	Georgia	6052	7B	1	1	1	1	1
Wansley (7946)	Georgia	7946	CT9A		1	1	1	1
Wansley (7946)	Georgia	7946	CT9B		1	1	1	1
Washington County Power, LLC	Georgia	55332	T1	0	0	0	0	0
Washington County Power, LLC	Georgia	55332	T2	0	0	0	0	0
Washington County Power, LLC	Georgia	55332	T3	0	0	0	0	0
Washington County Power, LLC	Georgia	55332	T4	0	0	0	0	0
West Georgia Generating Facility	Georgia	55267	1	0	0	0	0	0
West Georgia Generating Facility	Georgia	55267	2	3	0	0	0	0
West Georgia Generating Facility	Georgia	55267	3	0	0	0	0	0
West Georgia Generating Facility	Georgia	55267	4	0	0	0	0	0
Yates	Georgia	728	Y1BR	261	384	429	613	382
Yates	Georgia	728	Y2BR	4,229	4,864	6,263	6,523	7,051
Yates	Georgia	728	Y3BR	3,638	4,927	5,165	5,765	6,878
Yates	Georgia	728	Y4BR	4,740	7,528	8,638	9,047	9,214
Yates	Georgia	728	Y5BR	4,882	6,648	8,152	8,073	8,637
Yates	Georgia	728	Y6BR	15,800	15,132	19,391	22,466	22,326
Yates	Georgia	728	Y7BR	11,382	11,068	18,482	22,989	22,730
A B Brown Generating Station	Indiana	6137	1	4,831	5,157	5,993	5,414	5,294
A B Brown Generating Station	Indiana	6137	2	3,387	3,077	3,045	3,542	3,449
A B Brown Generating Station	Indiana	6137	3	0	0	0	0	1
A B Brown Generating Station	Indiana	6137	4	0	0	0	0	0
Alcoa Allowance Management Inc	Indiana	6705	4	41,659	41,876	32,779	29,944	28,790

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Wansley (6052)	Georgia	6052	5A		3	3	3		
Wansley (6052)	Georgia	6052	6A	1	2	3	3		
Wansley (6052)	Georgia	6052	6B	1	2	3	3		
Wansley (6052)	Georgia	6052	7A	1	2	3	3		
Wansley (6052)	Georgia	6052	7B	1	2	3	3		
Wansley (7946)	Georgia	7946	CT9A	1	1	1	1		
Wansley (7946)	Georgia	7946	CT9B	1	1	1	1		
Washington County Power, LLC	Georgia	55332	T1	0	0	0	0		
Washington County Power, LLC	Georgia	55332	T2	0	0	0	0		
Washington County Power, LLC	Georgia	55332	T3	0	0	0	0		
Washington County Power, LLC	Georgia	55332	T4	0	0	0	0		
West Georgia Generating Facility	Georgia	55267	1	0	0	0	0		
West Georgia Generating Facility	Georgia	55267	2	0	0	0	3		
West Georgia Generating Facility	Georgia	55267	3	0	0	0	0		
West Georgia Generating Facility	Georgia	55267	4	0	0	0	0		
Yates	Georgia	728	Y1BR	352	176	286	613		
Yates	Georgia	728	Y2BR	5,849	3,567	4,243	7,051		
Yates	Georgia	728	Y3BR	5,394	4,719	4,538	6,878		
Yates	Georgia	728	Y4BR	7,631	4,106	5,142	9,214		
Yates	Georgia	728	Y5BR	7,672	4,470	5,398	8,637		
Yates	Georgia	728	Y6BR	22,601	15,729	17,568	22,601		
Yates	Georgia	728	Y7BR	18,708	12,721	17,082	22,989		
A B Brown Generating Station	Indiana	6137	1	5,941	3,161	2,964	5,993		
A B Brown Generating Station	Indiana	6137	2	4,060	2,617	2,329	4,060		
A B Brown Generating Station	Indiana	6137	3	1	0	0	1		
A B Brown Generating Station	Indiana	6137	4	0	0	0	0		
Alcoa Allowance Management Inc	Indiana	6705	4	32,037	1,465	2,256	41,876		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Wansley (6052)	Georgia	6052	5A						
Wansley (6052)	Georgia	6052	6A					17	31
Wansley (6052)	Georgia	6052	6B					18	24
Wansley (6052)	Georgia	6052	7A					20	31
Wansley (6052)	Georgia	6052	7B					18	20
Wansley (7946)	Georgia	7946	CT9A						57
Wansley (7946)	Georgia	7946	CT9B						66
Washington County Power, LLC	Georgia	55332	T1					1	0
Washington County Power, LLC	Georgia	55332	T2					1	0
Washington County Power, LLC	Georgia	55332	T3					0	0
Washington County Power, LLC	Georgia	55332	T4					0	0
West Georgia Generating Facility	Georgia	55267	1					3	0
West Georgia Generating Facility	Georgia	55267	2					7	0
West Georgia Generating Facility	Georgia	55267	3					2	0
West Georgia Generating Facility	Georgia	55267	4					2	0
Yates	Georgia	728	Y1BR					1,032	1,095
Yates	Georgia	728	Y2BR					1,261	1,157
Yates	Georgia	728	Y3BR					1,100	1,206
Yates	Georgia	728	Y4BR					1,151	1,651
Yates	Georgia	728	Y5BR					1,190	1,450
Yates	Georgia	728	Y6BR					2,982	2,345
Yates	Georgia	728	Y7BR					2,203	1,689
A B Brown Generating Station	Indiana	6137	1					2,874	2,995
A B Brown Generating Station	Indiana	6137	2					3,886	2,314
A B Brown Generating Station	Indiana	6137	3					7	4
A B Brown Generating Station	Indiana	6137	4					5	6
Alcoa Allowance Management Inc	Indiana	6705	4					5,809	4,633

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Wansley (6052)	Georgia	6052	5A				2	1
Wansley (6052)	Georgia	6052	6A	49	43	38	43	42
Wansley (6052)	Georgia	6052	6B	46	37	35	41	41
Wansley (6052)	Georgia	6052	7A	67	37	40	41	43
Wansley (6052)	Georgia	6052	7B	46	32	41	43	44
Wansley (7946)	Georgia	7946	CT9A	26	26	32	20	27
Wansley (7946)	Georgia	7946	CT9B	30	27	27	19	29
Washington County Power, LLC	Georgia	55332	T1	1	2	3	3	1
Washington County Power, LLC	Georgia	55332	T2	1	5	4	4	4
Washington County Power, LLC	Georgia	55332	T3	1	4	3	3	4
Washington County Power, LLC	Georgia	55332	T4	1	2	4	3	1
West Georgia Generating Facility	Georgia	55267	1	6	9	13	4	1
West Georgia Generating Facility	Georgia	55267	2	6	9	14	5	1
West Georgia Generating Facility	Georgia	55267	3	7	9	14	5	1
West Georgia Generating Facility	Georgia	55267	4	1	1	9	3	0
Yates	Georgia	728	Y1BR	1,091	1,459	1,427	1,211	898
Yates	Georgia	728	Y2BR	1,389	1,274	1,528	1,189	589
Yates	Georgia	728	Y3BR	1,141	1,122	1,467	1,102	811
Yates	Georgia	728	Y4BR	1,662	1,454	1,612	1,319	649
Yates	Georgia	728	Y5BR	1,548	1,256	1,432	1,268	702
Yates	Georgia	728	Y6BR	2,824	2,784	2,902	3,177	1,990
Yates	Georgia	728	Y7BR	2,549	2,858	2,911	2,605	1,802
A B Brown Generating Station	Indiana	6137	1	2,590	2,235	2,272	2,416	742
A B Brown Generating Station	Indiana	6137	2	2,496	2,633	2,472	2,958	966
A B Brown Generating Station	Indiana	6137	3	12	12	9	15	11
A B Brown Generating Station	Indiana	6137	4	5	3	3	3	1
Alcoa Allowance Management Inc	Indiana	6705	4	4,095	4,074	3,576	3,104	1,576

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Wansley (6052)	Georgia	6052	5A	1	2				
Wansley (6052)	Georgia	6052	6A	58	58				
Wansley (6052)	Georgia	6052	6B	57	57				
Wansley (6052)	Georgia	6052	7A	52	67				
Wansley (6052)	Georgia	6052	7B	55	55				
Wansley (7946)	Georgia	7946	CT9A	26	57				
Wansley (7946)	Georgia	7946	CT9B	28	66				
Washington County Power, LLC	Georgia	55332	T1	10	10				
Washington County Power, LLC	Georgia	55332	T2	18	18				
Washington County Power, LLC	Georgia	55332	T3	17	17				
Washington County Power, LLC	Georgia	55332	T4	8	8				
West Georgia Generating Facility	Georgia	55267	1	3	13				
West Georgia Generating Facility	Georgia	55267	2	7	14				
West Georgia Generating Facility	Georgia	55267	3	8	14				
West Georgia Generating Facility	Georgia	55267	4	4	9				
Yates	Georgia	728	Y1BR	962	1,459				
Yates	Georgia	728	Y2BR	828	1,528				
Yates	Georgia	728	Y3BR	897	1,467				
Yates	Georgia	728	Y4BR	893	1,662				
Yates	Georgia	728	Y5BR	899	1,548				
Yates	Georgia	728	Y6BR	2,475	3,177				
Yates	Georgia	728	Y7BR	2,597	2,911				
A B Brown Generating Station	Indiana	6137	1	786	2,995				
A B Brown Generating Station	Indiana	6137	2	886	3,886				
A B Brown Generating Station	Indiana	6137	3	23	23				
A B Brown Generating Station	Indiana	6137	4	2	6				
Alcoa Allowance Management Inc	Indiana	6705	4	1,230	5,809				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)
Wansley (6052)	Georgia	6052	5A				
Wansley (6052)	Georgia	6052	6A				
Wansley (6052)	Georgia	6052	6B				
Wansley (6052)	Georgia	6052	7A				
Wansley (6052)	Georgia	6052	7B				
Wansley (7946)	Georgia	7946	CT9A				
Wansley (7946)	Georgia	7946	CT9B				
Washington County Power, LLC	Georgia	55332	T1				
Washington County Power, LLC	Georgia	55332	T2				
Washington County Power, LLC	Georgia	55332	T3				
Washington County Power, LLC	Georgia	55332	T4				
West Georgia Generating Facility	Georgia	55267	1				
West Georgia Generating Facility	Georgia	55267	2				
West Georgia Generating Facility	Georgia	55267	3				
West Georgia Generating Facility	Georgia	55267	4				
Yates	Georgia	728	Y1BR				
Yates	Georgia	728	Y2BR				
Yates	Georgia	728	Y3BR				
Yates	Georgia	728	Y4BR				
Yates	Georgia	728	Y5BR				
Yates	Georgia	728	Y6BR				
Yates	Georgia	728	Y7BR				
A B Brown Generating Station	Indiana	6137	1			3,836	3,881
A B Brown Generating Station	Indiana	6137	2			3,966	4,012
A B Brown Generating Station	Indiana	6137	3			1	1
A B Brown Generating Station	Indiana	6137	4			0	0
Alcoa Allowance Management Inc	Indiana	6705	4			5,717	5,784

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Wansley (6052)	Georgia	6052	5A	1	1	1	1
Wansley (6052)	Georgia	6052	6A	3	3	3	3
Wansley (6052)	Georgia	6052	6B	3	3	3	3
Wansley (6052)	Georgia	6052	7A	3	3	3	3
Wansley (6052)	Georgia	6052	7B	3	3	3	3
Wansley (7946)	Georgia	7946	CT9A	1	1	1	1
Wansley (7946)	Georgia	7946	CT9B	1	1	1	1
Washington County Power, LLC	Georgia	55332	T1	0	0	0	0
Washington County Power, LLC	Georgia	55332	T2	0	0	0	0
Washington County Power, LLC	Georgia	55332	T3	0	0	0	0
Washington County Power, LLC	Georgia	55332	T4	0	0	0	0
West Georgia Generating Facility	Georgia	55267	1	0	0	0	0
West Georgia Generating Facility	Georgia	55267	2	3	3	3	3
West Georgia Generating Facility	Georgia	55267	3	0	0	0	0
West Georgia Generating Facility	Georgia	55267	4	0	0	0	0
Yates	Georgia	728	Y1BR	613	613	613	613
Yates	Georgia	728	Y2BR	856	856	856	856
Yates	Georgia	728	Y3BR	793	793	793	793
Yates	Georgia	728	Y4BR	1,140	1,140	1,140	1,140
Yates	Georgia	728	Y5BR	1,072	1,072	1,072	1,072
Yates	Georgia	728	Y6BR	3,171	3,171	3,171	3,171
Yates	Georgia	728	Y7BR	3,029	3,029	3,029	3,029
A B Brown Generating Station	Indiana	6137	1	2,174	2,174	2,174	2,174
A B Brown Generating Station	Indiana	6137	2	2,248	2,248	2,248	2,248
A B Brown Generating Station	Indiana	6137	3	1	1	1	1
A B Brown Generating Station	Indiana	6137	4	0	0	0	0
Alcoa Allowance Management Inc	Indiana	6705	4	3,240	3,240	3,240	3,240

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Wansley (6052)	Georgia	6052	5A			0	0
Wansley (6052)	Georgia	6052	6A			58	58
Wansley (6052)	Georgia	6052	6B			57	57
Wansley (6052)	Georgia	6052	7A			67	67
Wansley (6052)	Georgia	6052	7B			55	55
Wansley (7946)	Georgia	7946	CT9A			57	57
Wansley (7946)	Georgia	7946	CT9B			66	66
Washington County Power, LLC	Georgia	55332	T1			10	10
Washington County Power, LLC	Georgia	55332	T2			18	18
Washington County Power, LLC	Georgia	55332	T3			17	17
Washington County Power, LLC	Georgia	55332	T4			8	8
West Georgia Generating Facility	Georgia	55267	1			13	13
West Georgia Generating Facility	Georgia	55267	2			14	14
West Georgia Generating Facility	Georgia	55267	3			14	14
West Georgia Generating Facility	Georgia	55267	4			9	9
Yates	Georgia	728	Y1BR			364	364
Yates	Georgia	728	Y2BR			327	327
Yates	Georgia	728	Y3BR			303	303
Yates	Georgia	728	Y4BR			436	436
Yates	Georgia	728	Y5BR			410	410
Yates	Georgia	728	Y6BR			1,212	1,212
Yates	Georgia	728	Y7BR			1,157	1,157
A B Brown Generating Station	Indiana	6137	1				
A B Brown Generating Station	Indiana	6137	2				
A B Brown Generating Station	Indiana	6137	3				
A B Brown Generating Station	Indiana	6137	4				
Alcoa Allowance Management Inc	Indiana	6705	4				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)			
Wansley (6052)	Georgia	6052	5A	0	0			2,928
Wansley (6052)	Georgia	6052	6A	58	58	2,967,056	3,114,774	2,630,296
Wansley (6052)	Georgia	6052	6B	57	57	3,047,080	3,204,218	2,697,796
Wansley (6052)	Georgia	6052	7A	67	67	2,795,837	3,019,553	2,602,913
Wansley (6052)	Georgia	6052	7B	55	55	2,746,108	3,027,918	2,628,355
Wansley (7946)	Georgia	7946	CT9A	57	57	1,846,661	2,530,268	1,457,206
Wansley (7946)	Georgia	7946	CT9B	66	66	1,819,107	2,427,299	1,653,297
Washington County Power, LLC	Georgia	55332	T1	10	10	127,859	177,327	197,757
Washington County Power, LLC	Georgia	55332	T2	18	18	274,910	192,177	156,306
Washington County Power, LLC	Georgia	55332	T3	17	17	257,474	170,675	153,041
Washington County Power, LLC	Georgia	55332	T4	8	8	89,679	261,178	151,359
West Georgia Generating Facility	Georgia	55267	1	13	13	532,324	739,522	233,141
West Georgia Generating Facility	Georgia	55267	2	14	14	532,562	766,995	258,353
West Georgia Generating Facility	Georgia	55267	3	14	14	519,937	770,928	249,586
West Georgia Generating Facility	Georgia	55267	4	9	9	21,787	520,858	151,237
Yates	Georgia	728	Y1BR	364	364	3,043,336	2,964,737	2,994,265
Yates	Georgia	728	Y2BR	327	327	2,980,693	2,804,343	2,754,705
Yates	Georgia	728	Y3BR	303	303	2,604,551	2,841,721	2,566,481
Yates	Georgia	728	Y4BR	436	436	3,421,538	3,254,948	3,319,449
Yates	Georgia	728	Y5BR	410	410	3,642,423	3,913,203	3,656,106
Yates	Georgia	728	Y6BR	1,212	1,212	9,644,930	10,482,327	10,609,196
Yates	Georgia	728	Y7BR	1,157	1,157	9,789,881	10,199,013	10,340,617
A B Brown Generating Station	Indiana	6137	1			7,689,965	6,901,075	7,265,873
A B Brown Generating Station	Indiana	6137	2			7,277,664	7,187,490	7,601,327
A B Brown Generating Station	Indiana	6137	3			154,449	76,871	156,230
A B Brown Generating Station	Indiana	6137	4			248,384	197,945	151,867
Alcoa Allowance Management Inc	Indiana	6705	4			10,113,627	9,680,976	11,768,893

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Wansley (6052)	Georgia	6052	5A	2,714	2,482	2,708	497,863,973	0.000005
Wansley (6052)	Georgia	6052	6A	3,440,464	4,705,794	3,753,677	497,863,973	0.007540
Wansley (6052)	Georgia	6052	6B	3,552,181	4,671,441	3,809,280	497,863,973	0.007651
Wansley (6052)	Georgia	6052	7A	3,570,745	3,977,924	3,522,741	497,863,973	0.007076
Wansley (6052)	Georgia	6052	7B	3,543,569	4,026,905	3,532,797	497,863,973	0.007096
Wansley (7946)	Georgia	7946	CT9A	2,949,156	3,103,107	2,860,843	497,863,973	0.005746
Wansley (7946)	Georgia	7946	CT9B	2,943,922	3,082,466	2,817,896	497,863,973	0.005660
Washington County Power, LLC	Georgia	55332	T1	28,483	419,865	264,983	497,863,973	0.000532
Washington County Power, LLC	Georgia	55332	T2	147,699	597,294	354,794	497,863,973	0.000713
Washington County Power, LLC	Georgia	55332	T3	146,162	623,099	350,416	497,863,973	0.000704
Washington County Power, LLC	Georgia	55332	T4	20,952	474,280	295,606	497,863,973	0.000594
West Georgia Generating Facility	Georgia	55267	1	28,537	122,588	501,662	497,863,973	0.001008
West Georgia Generating Facility	Georgia	55267	2	46,459	176,319	519,303	497,863,973	0.001043
West Georgia Generating Facility	Georgia	55267	3	46,771	138,073	513,484	497,863,973	0.001031
West Georgia Generating Facility	Georgia	55267	4	13,115	116,350	262,815	497,863,973	0.000528
Yates	Georgia	728	Y1BR	2,469,609	2,354,513	3,000,779	497,863,973	0.006027
Yates	Georgia	728	Y2BR	2,111,358	2,314,848	2,846,580	497,863,973	0.005718
Yates	Georgia	728	Y3BR	1,958,974	2,473,987	2,670,918	497,863,973	0.005365
Yates	Georgia	728	Y4BR	2,653,724	3,110,298	3,331,978	497,863,973	0.006693
Yates	Georgia	728	Y5BR	2,093,969	3,061,898	3,737,244	497,863,973	0.007507
Yates	Georgia	728	Y6BR	8,699,038	9,534,216	10,245,484	497,863,973	0.020579
Yates	Georgia	728	Y7BR	4,946,966	7,595,839	10,109,837	497,863,973	0.020306
A B Brown Generating Station	Indiana	6137	1	3,861,453	4,998,809	7,285,638	574,501,876	0.012682
A B Brown Generating Station	Indiana	6137	2	4,643,111	6,012,427	7,355,494	574,501,876	0.012803
A B Brown Generating Station	Indiana	6137	3	82,216	196,122	168,934	574,501,876	0.000294
A B Brown Generating Station	Indiana	6137	4	67,672	141,227	199,398	574,501,876	0.000347
Alcoa Allowance Management Inc	Indiana	6705	4	9,577,954	10,772,194	10,884,905	574,501,876	0.018947

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Wansley (6052)	Georgia	6052	5A	27,385	23,560	0	0		
Wansley (6052)	Georgia	6052	6A	27,385	23,560	206	178	10	16
Wansley (6052)	Georgia	6052	6B	27,385	23,560	210	180	10	12
Wansley (6052)	Georgia	6052	7A	27,385	23,560	194	167	10	17
Wansley (6052)	Georgia	6052	7B	27,385	23,560	194	167	9	11
Wansley (7946)	Georgia	7946	CT9A	27,385	23,560	157	135		16
Wansley (7946)	Georgia	7946	CT9B	27,385	23,560	155	133		20
Washington County Power, LLC	Georgia	55332	T1	27,385	23,560	15	13	1	0
Washington County Power, LLC	Georgia	55332	T2	27,385	23,560	20	17	1	0
Washington County Power, LLC	Georgia	55332	T3	27,385	23,560	19	17	0	0
Washington County Power, LLC	Georgia	55332	T4	27,385	23,560	16	14	0	0
West Georgia Generating Facility	Georgia	55267	1	27,385	23,560	28	24	1	0
West Georgia Generating Facility	Georgia	55267	2	27,385	23,560	29	25	0	0
West Georgia Generating Facility	Georgia	55267	3	27,385	23,560	28	24	0	0
West Georgia Generating Facility	Georgia	55267	4	27,385	23,560	14	12	1	0
Yates	Georgia	728	Y1BR	27,385	23,560	165	142	384	389
Yates	Georgia	728	Y2BR	27,385	23,560	157	135	442	471
Yates	Georgia	728	Y3BR	27,385	23,560	147	126	351	468
Yates	Georgia	728	Y4BR	27,385	23,560	183	158	364	485
Yates	Georgia	728	Y5BR	27,385	23,560	206	177	397	460
Yates	Georgia	728	Y6BR	27,385	23,560	564	485	988	958
Yates	Georgia	728	Y7BR	27,385	23,560	556	478	893	871
A B Brown Generating Station	Indiana	6137	1	45,470	44,790	577	568	1,379	1,394
A B Brown Generating Station	Indiana	6137	2	45,470	44,790	582	573	1,702	412
A B Brown Generating Station	Indiana	6137	3	45,470	44,790	13	13	4	2
A B Brown Generating Station	Indiana	6137	4	45,470	44,790	16	16	2	3
Alcoa Allowance Management Inc	Indiana	6705	4	45,470	44,790	862	849	2,476	719

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Wansley (6052)	Georgia	6052	5A				0	0	0
Wansley (6052)	Georgia	6052	6A	32	26	23	21	24	25
Wansley (6052)	Georgia	6052	6B	28	23	23	22	24	25
Wansley (6052)	Georgia	6052	7A	49	23	23	22	24	23
Wansley (6052)	Georgia	6052	7B	27	21	27	22	23	25
Wansley (7946)	Georgia	7946	CT9A	21	18	23	13	18	20
Wansley (7946)	Georgia	7946	CT9B	23	17	20	16	20	23
Washington County Power, LLC	Georgia	55332	T1	1	2	3	3	0	8
Washington County Power, LLC	Georgia	55332	T2	1	4	3	3	3	12
Washington County Power, LLC	Georgia	55332	T3	1	4	2	2	3	11
Washington County Power, LLC	Georgia	55332	T4	1	1	4	2	0	8
West Georgia Generating Facility	Georgia	55267	1	5	9	12	4	0	2
West Georgia Generating Facility	Georgia	55267	2	5	8	12	4	1	3
West Georgia Generating Facility	Georgia	55267	3	7	9	12	4	1	2
West Georgia Generating Facility	Georgia	55267	4	1	0	8	2	0	2
Yates	Georgia	728	Y1BR	536	529	536	524	360	341
Yates	Georgia	728	Y2BR	521	533	520	498	293	382
Yates	Georgia	728	Y3BR	476	470	527	465	272	402
Yates	Georgia	728	Y4BR	549	517	492	501	390	467
Yates	Georgia	728	Y5BR	593	550	591	550	307	462
Yates	Georgia	728	Y6BR	1,146	1,140	1,207	1,194	994	1,065
Yates	Georgia	728	Y7BR	1,147	1,114	1,160	1,169	559	904
A B Brown Generating Station	Indiana	6137	1	320	281	410	499	275	359
A B Brown Generating Station	Indiana	6137	2	404	366	395	600	354	481
A B Brown Generating Station	Indiana	6137	3	11	10	5	10	7	16
A B Brown Generating Station	Indiana	6137	4	4	2	3	2	1	1
Alcoa Allowance Management Inc	Indiana	6705	4	532	558	458	556	477	539

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Wansley (6052)	Georgia	6052	5A	0					
Wansley (6052)	Georgia	6052	6A	32					
Wansley (6052)	Georgia	6052	6B	28					
Wansley (6052)	Georgia	6052	7A	49					
Wansley (6052)	Georgia	6052	7B	27					
Wansley (7946)	Georgia	7946	CT9A	23					
Wansley (7946)	Georgia	7946	CT9B	23					
Washington County Power, LLC	Georgia	55332	T1	8					
Washington County Power, LLC	Georgia	55332	T2	12					
Washington County Power, LLC	Georgia	55332	T3	11					
Washington County Power, LLC	Georgia	55332	T4	8					
West Georgia Generating Facility	Georgia	55267	1	12					
West Georgia Generating Facility	Georgia	55267	2	12					
West Georgia Generating Facility	Georgia	55267	3	12					
West Georgia Generating Facility	Georgia	55267	4	8					
Yates	Georgia	728	Y1BR	536					
Yates	Georgia	728	Y2BR	533					
Yates	Georgia	728	Y3BR	527					
Yates	Georgia	728	Y4BR	549					
Yates	Georgia	728	Y5BR	593					
Yates	Georgia	728	Y6BR	1,207					
Yates	Georgia	728	Y7BR	1,169					
A B Brown Generating Station	Indiana	6137	1	1,394					
A B Brown Generating Station	Indiana	6137	2	1,702					
A B Brown Generating Station	Indiana	6137	3	16					
A B Brown Generating Station	Indiana	6137	4	4					
Alcoa Allowance Management Inc	Indiana	6705	4	2,476					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Wansley (6052)	Georgia	6052	5A				
Wansley (6052)	Georgia	6052	6A				
Wansley (6052)	Georgia	6052	6B				
Wansley (6052)	Georgia	6052	7A				
Wansley (6052)	Georgia	6052	7B				
Wansley (7946)	Georgia	7946	CT9A				
Wansley (7946)	Georgia	7946	CT9B				
Washington County Power, LLC	Georgia	55332	T1				
Washington County Power, LLC	Georgia	55332	T2				
Washington County Power, LLC	Georgia	55332	T3				
Washington County Power, LLC	Georgia	55332	T4				
West Georgia Generating Facility	Georgia	55267	1				
West Georgia Generating Facility	Georgia	55267	2				
West Georgia Generating Facility	Georgia	55267	3				
West Georgia Generating Facility	Georgia	55267	4				
Yates	Georgia	728	Y1BR				
Yates	Georgia	728	Y2BR				
Yates	Georgia	728	Y3BR				
Yates	Georgia	728	Y4BR				
Yates	Georgia	728	Y5BR				
Yates	Georgia	728	Y6BR				
Yates	Georgia	728	Y7BR				
A B Brown Generating Station	Indiana	6137	1				
A B Brown Generating Station	Indiana	6137	2				
A B Brown Generating Station	Indiana	6137	3				
A B Brown Generating Station	Indiana	6137	4				
Alcoa Allowance Management Inc	Indiana	6705	4				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Wansley (6052)	Georgia	6052	5A	0	0	0	0
Wansley (6052)	Georgia	6052	6A	32	32	32	32
Wansley (6052)	Georgia	6052	6B	28	28	28	28
Wansley (6052)	Georgia	6052	7A	49	49	49	49
Wansley (6052)	Georgia	6052	7B	27	27	27	27
Wansley (7946)	Georgia	7946	CT9A	23	23	23	23
Wansley (7946)	Georgia	7946	CT9B	23	23	23	23
Washington County Power, LLC	Georgia	55332	T1	8	8	8	8
Washington County Power, LLC	Georgia	55332	T2	12	12	12	12
Washington County Power, LLC	Georgia	55332	T3	11	11	11	11
Washington County Power, LLC	Georgia	55332	T4	8	8	8	8
West Georgia Generating Facility	Georgia	55267	1	12	12	12	12
West Georgia Generating Facility	Georgia	55267	2	12	12	12	12
West Georgia Generating Facility	Georgia	55267	3	12	12	12	12
West Georgia Generating Facility	Georgia	55267	4	8	8	8	8
Yates	Georgia	728	Y1BR	215	215	215	215
Yates	Georgia	728	Y2BR	204	204	204	204
Yates	Georgia	728	Y3BR	192	192	192	192
Yates	Georgia	728	Y4BR	239	239	239	239
Yates	Georgia	728	Y5BR	268	268	268	268
Yates	Georgia	728	Y6BR	735	735	735	735
Yates	Georgia	728	Y7BR	725	725	725	725
A B Brown Generating Station	Indiana	6137	1				
A B Brown Generating Station	Indiana	6137	2				
A B Brown Generating Station	Indiana	6137	3				
A B Brown Generating Station	Indiana	6137	4				
Alcoa Allowance Management Inc	Indiana	6705	4				

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Wansley (6052)	Georgia	6052	5A	Y		Y	Y		
Wansley (6052)	Georgia	6052	6A	Y		Y	Y		
Wansley (6052)	Georgia	6052	6B	Y		Y	Y		
Wansley (6052)	Georgia	6052	7A	Y		Y	Y		
Wansley (6052)	Georgia	6052	7B	Y		Y	Y		
Wansley (7946)	Georgia	7946	CT9A	Y		Y	Y		
Wansley (7946)	Georgia	7946	CT9B	Y		Y	Y		
Washington County Power, LLC	Georgia	55332	T1	Y		Y	Y		
Washington County Power, LLC	Georgia	55332	T2	Y		Y	Y		
Washington County Power, LLC	Georgia	55332	T3	Y		Y	Y		
Washington County Power, LLC	Georgia	55332	T4	Y		Y	Y		
West Georgia Generating Facility	Georgia	55267	1	Y		Y	Y		
West Georgia Generating Facility	Georgia	55267	2	Y		Y	Y		
West Georgia Generating Facility	Georgia	55267	3	Y		Y	Y		
West Georgia Generating Facility	Georgia	55267	4	Y		Y	Y		
Yates	Georgia	728	Y1BR	Y		Y	Y		
Yates	Georgia	728	Y2BR	Y		Y	Y		
Yates	Georgia	728	Y3BR	Y		Y	Y		
Yates	Georgia	728	Y4BR	Y		Y	Y		
Yates	Georgia	728	Y5BR	Y		Y	Y		
Yates	Georgia	728	Y6BR	Y		Y	Y		
Yates	Georgia	728	Y7BR	Y		Y	Y		
A B Brown Generating Station	Indiana	6137	1	Y	Y		Y		
A B Brown Generating Station	Indiana	6137	2	Y	Y		Y		
A B Brown Generating Station	Indiana	6137	3	Y	Y		Y		
A B Brown Generating Station	Indiana	6137	4	Y	Y		Y		
Alcoa Allowance Management Inc	Indiana	6705	4	Y	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Anderson	Indiana	7336	ACT1	3099	15,444	21,342	18,926	11,496	7,615
Anderson	Indiana	7336	ACT2	3100	15,503	20,459	21,146	12,185	7,547
Anderson	Indiana	7336	ACT3	9578	49,257	50,039	45,658	27,517	20,634
Bailly Generating Station	Indiana	995	10	10196	9,048		3,035	384	1,120
Bailly Generating Station	Indiana	995	7	696	9,736,474	6,100,160	11,185,247	12,049,711	11,963,365
Bailly Generating Station	Indiana	995	8	697	15,821,832	22,077,609	19,636,371	18,715,804	13,972,011
Broadway Avenue Generating Station	Indiana	1011	1	9099	50,428	32,176	49,980	27,646	30,259
Broadway Avenue Generating Station	Indiana	1011	2	9100	266,930	262,966	418,784	142,152	160,336
Cayuga	Indiana	1001	1	706	31,252,666	31,543,108	29,116,134	27,033,669	32,361,188
Cayuga	Indiana	1001	2	707	26,072,213	32,572,115	31,097,134	26,189,532	30,158,396
Cayuga	Indiana	1001	4	708	91,702	86,306	23,112	67,422	99,796
Clifty Creek	Indiana	983	1	658	13,528,888	9,821,350	13,149,050	13,639,043	11,139,234
Clifty Creek	Indiana	983	2	659	14,922,001	14,373,497	13,333,372	14,099,519	11,326,020
Clifty Creek	Indiana	983	3	660	15,217,865	12,686,929	13,470,456	10,321,616	12,353,963
Clifty Creek	Indiana	983	4	661	13,377,826	13,078,113	13,264,788	13,128,219	13,692,747
Clifty Creek	Indiana	983	5	662	14,781,038	14,747,542	13,220,025	13,127,778	13,846,501
Clifty Creek	Indiana	983	6	663	14,058,601	14,234,534	11,457,872	12,372,037	13,100,112
Connersville Peaking Station	Indiana	1002	1A	9097	3,184		1,878		374
Connersville Peaking Station	Indiana	1002	1B	89232	3,053		1,791		351
Connersville Peaking Station	Indiana	1002	2A	9098	2,657		2,097		620
Connersville Peaking Station	Indiana	1002	2B	89233	2,917		2,116		1,049
Dean H Mitchell Generating Station	Indiana	996	11	698					
Dean H Mitchell Generating Station	Indiana	996	4	699					
Dean H Mitchell Generating Station	Indiana	996	5	700					
Dean H Mitchell Generating Station	Indiana	996	6	701					
Duke Energy Vermillion, II LLC	Indiana	55111	1	3920	115,786	177,809	122,411	71,761	134,750
Duke Energy Vermillion, II LLC	Indiana	55111	2	3921	103,635	225,338	135,745	103,657	121,419

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Anderson	Indiana	7336	ACT1	18,571	1,326,412,000	0.000014	282,039	161,456
Anderson	Indiana	7336	ACT2	19,036	1,326,412,000	0.000014	282,039	161,456
Anderson	Indiana	7336	ACT3	48,318	1,326,412,000	0.000036	282,039	161,456
Bailly Generating Station	Indiana	995	10	4,401	1,326,412,000	0.000003	282,039	161,456
Bailly Generating Station	Indiana	995	7	11,732,774	1,326,412,000	0.008845	282,039	161,456
Bailly Generating Station	Indiana	995	8	20,143,261	1,326,412,000	0.015186	282,039	161,456
Broadway Avenue Generating Station	Indiana	1011	1	44,195	1,326,412,000	0.000033	282,039	161,456
Broadway Avenue Generating Station	Indiana	1011	2	316,227	1,326,412,000	0.000238	282,039	161,456
Cayuga	Indiana	1001	1	31,718,987	1,326,412,000	0.023913	282,039	161,456
Cayuga	Indiana	1001	2	31,275,882	1,326,412,000	0.023579	282,039	161,456
Cayuga	Indiana	1001	4	92,601	1,326,412,000	0.000070	282,039	161,456
Clifty Creek	Indiana	983	1	13,438,994	1,326,412,000	0.010132	282,039	161,456
Clifty Creek	Indiana	983	2	14,465,006	1,326,412,000	0.010905	282,039	161,456
Clifty Creek	Indiana	983	3	13,791,750	1,326,412,000	0.010398	282,039	161,456
Clifty Creek	Indiana	983	4	13,445,120	1,326,412,000	0.010136	282,039	161,456
Clifty Creek	Indiana	983	5	14,458,360	1,326,412,000	0.010900	282,039	161,456
Clifty Creek	Indiana	983	6	13,797,749	1,326,412,000	0.010402	282,039	161,456
Connersville Peaking Station	Indiana	1002	1A	1,812	1,326,412,000	0.000001	282,039	161,456
Connersville Peaking Station	Indiana	1002	1B	1,732	1,326,412,000	0.000001	282,039	161,456
Connersville Peaking Station	Indiana	1002	2A	1,792	1,326,412,000	0.000001	282,039	161,456
Connersville Peaking Station	Indiana	1002	2B	2,027	1,326,412,000	0.000002	282,039	161,456
Dean H Mitchell Generating Station	Indiana	996	11		1,326,412,000		282,039	161,456
Dean H Mitchell Generating Station	Indiana	996	4		1,326,412,000		282,039	161,456
Dean H Mitchell Generating Station	Indiana	996	5		1,326,412,000		282,039	161,456
Dean H Mitchell Generating Station	Indiana	996	6		1,326,412,000		282,039	161,456
Duke Energy Vermillion, II LLC	Indiana	55111	1	144,990	1,326,412,000	0.000109	282,039	161,456
Duke Energy Vermillion, II LLC	Indiana	55111	2	160,834	1,326,412,000	0.000121	282,039	161,456

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Anderson	Indiana	7336	ACT1	106,434	105,171	4	2	1	1
Anderson	Indiana	7336	ACT2	106,434	105,171	4	2	2	2
Anderson	Indiana	7336	ACT3	106,434	105,171	10	6	4	4
Bailey Generating Station	Indiana	995	10	106,434	105,171	1	1	0	0
Bailey Generating Station	Indiana	995	7	106,434	105,171	2,495	1,428	941	930
Bailey Generating Station	Indiana	995	8	106,434	105,171	4,283	2,452	1,616	1,597
Broadway Avenue Generating Station	Indiana	1011	1	106,434	105,171	9	5	4	4
Broadway Avenue Generating Station	Indiana	1011	2	106,434	105,171	67	38	25	25
Cayuga	Indiana	1001	1	106,434	105,171	6,745	3,861	2,545	2,515
Cayuga	Indiana	1001	2	106,434	105,171	6,650	3,807	2,510	2,480
Cayuga	Indiana	1001	4	106,434	105,171	20	11	7	7
Clifty Creek	Indiana	983	1	106,434	105,171	2,858	1,636	1,078	1,066
Clifty Creek	Indiana	983	2	106,434	105,171	3,076	1,761	1,161	1,147
Clifty Creek	Indiana	983	3	106,434	105,171	2,933	1,679	1,107	1,094
Clifty Creek	Indiana	983	4	106,434	105,171	2,859	1,637	1,079	1,066
Clifty Creek	Indiana	983	5	106,434	105,171	3,074	1,760	1,160	1,146
Clifty Creek	Indiana	983	6	106,434	105,171	2,934	1,680	1,107	1,094
Connersville Peaking Station	Indiana	1002	1A	106,434	105,171	0	0	0	0
Connersville Peaking Station	Indiana	1002	1B	106,434	105,171	0	0	0	0
Connersville Peaking Station	Indiana	1002	2A	106,434	105,171	0	0	0	0
Connersville Peaking Station	Indiana	1002	2B	106,434	105,171	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	11	106,434	105,171				
Dean H Mitchell Generating Station	Indiana	996	4	106,434	105,171				
Dean H Mitchell Generating Station	Indiana	996	5	106,434	105,171				
Dean H Mitchell Generating Station	Indiana	996	6	106,434	105,171				
Duke Energy Vermillion, II LLC	Indiana	55111	1	106,434	105,171	31	18	12	11
Duke Energy Vermillion, II LLC	Indiana	55111	2	106,434	105,171	34	20	13	13

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Anderson	Indiana	7336	ACT1	1	0	0	0	0
Anderson	Indiana	7336	ACT2	1	0	0	0	0
Anderson	Indiana	7336	ACT3		0	0	0	0
Bailly Generating Station	Indiana	995	10					
Bailly Generating Station	Indiana	995	7	1,860	1,116	2,539	1,771	1,237
Bailly Generating Station	Indiana	995	8	2,684	2,492	2,181	1,538	3,076
Broadway Avenue Generating Station	Indiana	1011	1					
Broadway Avenue Generating Station	Indiana	1011	2					
Cayuga	Indiana	1001	1	34,857	36,930	34,362	46,201	45,141
Cayuga	Indiana	1001	2	32,105	33,866	43,279	36,972	45,642
Cayuga	Indiana	1001	4	1	0	0	0	0
Clifty Creek	Indiana	983	1	5,462	8,982	12,085	10,168	8,399
Clifty Creek	Indiana	983	2	5,416	9,207	11,633	11,226	12,230
Clifty Creek	Indiana	983	3	4,799	9,206	13,176	11,537	10,738
Clifty Creek	Indiana	983	4	5,727	9,074	13,124	10,345	10,982
Clifty Creek	Indiana	983	5	6,319	8,257	12,673	11,283	12,464
Clifty Creek	Indiana	983	6	5,031	8,409	11,968	10,813	12,073
Connersville Peaking Station	Indiana	1002	1A					
Connersville Peaking Station	Indiana	1002	1B					
Connersville Peaking Station	Indiana	1002	2A					
Connersville Peaking Station	Indiana	1002	2B					
Dean H Mitchell Generating Station	Indiana	996	11					
Dean H Mitchell Generating Station	Indiana	996	4					
Dean H Mitchell Generating Station	Indiana	996	5					
Dean H Mitchell Generating Station	Indiana	996	6					
Duke Energy Vermillion, II LLC	Indiana	55111	1	0		0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	2	0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Anderson	Indiana	7336	ACT1	0	0	0	1		
Anderson	Indiana	7336	ACT2	0	0	0	1		
Anderson	Indiana	7336	ACT3	0	0	0	0		
Bailly Generating Station	Indiana	995	10				0		
Bailly Generating Station	Indiana	995	7	3,806	2,741	6,202	6,202		
Bailly Generating Station	Indiana	995	8	4,895	2,162	2,960	4,895		
Broadway Avenue Generating Station	Indiana	1011	1		0	0	0		
Broadway Avenue Generating Station	Indiana	1011	2		0	0	0		
Cayuga	Indiana	1001	1	35,317	963	959	46,201		
Cayuga	Indiana	1001	2	14,799	1,460	1,057	45,642		
Cayuga	Indiana	1001	4	1	1	0	1		
Clifty Creek	Indiana	983	1	11,012	9,573	9,750	12,085		
Clifty Creek	Indiana	983	2	11,064	9,875	10,062	12,230		
Clifty Creek	Indiana	983	3	11,224	7,294	10,818	13,176		
Clifty Creek	Indiana	983	4	11,227	9,468	12,963	13,124		
Clifty Creek	Indiana	983	5	10,979	9,380	12,998	12,998		
Clifty Creek	Indiana	983	6	9,428	8,887	12,341	12,341		
Connersville Peaking Station	Indiana	1002	1A				0		
Connersville Peaking Station	Indiana	1002	1B				0		
Connersville Peaking Station	Indiana	1002	2A				0		
Connersville Peaking Station	Indiana	1002	2B			0	0		
Dean H Mitchell Generating Station	Indiana	996	11				0		
Dean H Mitchell Generating Station	Indiana	996	4				0		
Dean H Mitchell Generating Station	Indiana	996	5				0		
Dean H Mitchell Generating Station	Indiana	996	6				0		
Duke Energy Vermillion, II LLC	Indiana	55111	1	0	0	0	0		
Duke Energy Vermillion, II LLC	Indiana	55111	2	0	0	0	0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Anderson	Indiana	7336	ACT1					2	1
Anderson	Indiana	7336	ACT2					2	1
Anderson	Indiana	7336	ACT3						0
Bailly Generating Station	Indiana	995	10					1	0
Bailly Generating Station	Indiana	995	7					5,865	4,937
Bailly Generating Station	Indiana	995	8					7,468	8,963
Broadway Avenue Generating Station	Indiana	1011	1					7	8
Broadway Avenue Generating Station	Indiana	1011	2					8	9
Cayuga	Indiana	1001	1					4,803	5,891
Cayuga	Indiana	1001	2					4,833	6,136
Cayuga	Indiana	1001	4					5	11
Clifty Creek	Indiana	983	1					3,786	3,658
Clifty Creek	Indiana	983	2					3,299	3,851
Clifty Creek	Indiana	983	3					3,069	3,903
Clifty Creek	Indiana	983	4					3,837	4,043
Clifty Creek	Indiana	983	5					4,387	3,159
Clifty Creek	Indiana	983	6					3,510	4,065
Connersville Peaking Station	Indiana	1002	1A					1	
Connersville Peaking Station	Indiana	1002	1B					0	
Connersville Peaking Station	Indiana	1002	2A					1	
Connersville Peaking Station	Indiana	1002	2B					1	
Dean H Mitchell Generating Station	Indiana	996	11						
Dean H Mitchell Generating Station	Indiana	996	4						
Dean H Mitchell Generating Station	Indiana	996	5						
Dean H Mitchell Generating Station	Indiana	996	6						
Duke Energy Vermillion, II LLC	Indiana	55111	1					0	0
Duke Energy Vermillion, II LLC	Indiana	55111	2					1	0

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Anderson	Indiana	7336	ACT1	1	1	1	1	1
Anderson	Indiana	7336	ACT2	1	1	1	1	1
Anderson	Indiana	7336	ACT3	1	1	1	1	1
Bailly Generating Station	Indiana	995	10	2	1		0	0
Bailly Generating Station	Indiana	995	7	4,076	4,111	1,940	3,382	996
Bailly Generating Station	Indiana	995	8	8,254	6,243	8,179	6,359	1,463
Broadway Avenue Generating Station	Indiana	1011	1	14	7	5	8	5
Broadway Avenue Generating Station	Indiana	1011	2	21	30	30	50	17
Cayuga	Indiana	1001	1	4,619	5,140	4,985	4,569	3,456
Cayuga	Indiana	1001	2	6,931	4,018	5,209	4,764	3,405
Cayuga	Indiana	1001	4	12	3	4	3	5
Clifty Creek	Indiana	983	1	3,184	2,990	2,112	3,193	687
Clifty Creek	Indiana	983	2	2,563	3,481	3,542	3,296	716
Clifty Creek	Indiana	983	3	3,534	3,482	3,329	3,434	552
Clifty Creek	Indiana	983	4	4,545	3,817	3,497	3,832	2,005
Clifty Creek	Indiana	983	5	4,369	3,900	3,957	3,589	1,955
Clifty Creek	Indiana	983	6	4,427	3,992	4,017	3,203	2,105
Connersville Peaking Station	Indiana	1002	1A	1	1		0	
Connersville Peaking Station	Indiana	1002	1B	1	1		0	
Connersville Peaking Station	Indiana	1002	2A	0	1		1	
Connersville Peaking Station	Indiana	1002	2B	0	1		1	
Dean H Mitchell Generating Station	Indiana	996	11					
Dean H Mitchell Generating Station	Indiana	996	4					
Dean H Mitchell Generating Station	Indiana	996	5					
Dean H Mitchell Generating Station	Indiana	996	6					
Duke Energy Vermillion, II LLC	Indiana	55111	1	3	5	3	2	2
Duke Energy Vermillion, II LLC	Indiana	55111	2	3	5	4	3	2

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Anderson	Indiana	7336	ACT1	0	2				
Anderson	Indiana	7336	ACT2	0	2				
Anderson	Indiana	7336	ACT3	0	1				
Bailly Generating Station	Indiana	995	10	0	2				
Bailly Generating Station	Indiana	995	7	1,169	5,865		883	865	827
Bailly Generating Station	Indiana	995	8	1,583	8,963		1,517	1,485	1,419
Broadway Avenue Generating Station	Indiana	1011	1	4	14				
Broadway Avenue Generating Station	Indiana	1011	2	18	50				
Cayuga	Indiana	1001	1	4,357	5,891				
Cayuga	Indiana	1001	2	3,972	6,931				
Cayuga	Indiana	1001	4	4	12				
Clifty Creek	Indiana	983	1	861	3,786				
Clifty Creek	Indiana	983	2	918	3,851				
Clifty Creek	Indiana	983	3	877	3,903				
Clifty Creek	Indiana	983	4	2,135	4,545				
Clifty Creek	Indiana	983	5	2,151	4,387				
Clifty Creek	Indiana	983	6	2,176	4,427				
Connersville Peaking Station	Indiana	1002	1A	0	1				
Connersville Peaking Station	Indiana	1002	1B	0	1				
Connersville Peaking Station	Indiana	1002	2A	0	1				
Connersville Peaking Station	Indiana	1002	2B	0	1				
Dean H Mitchell Generating Station	Indiana	996	11		0				
Dean H Mitchell Generating Station	Indiana	996	4		0				
Dean H Mitchell Generating Station	Indiana	996	5		0				
Dean H Mitchell Generating Station	Indiana	996	6		0				
Duke Energy Vermillion, II LLC	Indiana	55111	1	2	5				
Duke Energy Vermillion, II LLC	Indiana	55111	2	2	5				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)
Anderson	Indiana	7336	ACT1			1	1
Anderson	Indiana	7336	ACT2			1	1
Anderson	Indiana	7336	ACT3			0	0
Bailly Generating Station	Indiana	995	10			0	0
Bailly Generating Station	Indiana	995	7	827	827	2,665	2,696
Bailly Generating Station	Indiana	995	8	1,419	1,419	4,576	4,629
Broadway Avenue Generating Station	Indiana	1011	1			0	0
Broadway Avenue Generating Station	Indiana	1011	2			0	0
Cayuga	Indiana	1001	1			7,205	7,289
Cayuga	Indiana	1001	2			7,105	7,187
Cayuga	Indiana	1001	4			1	1
Clifty Creek	Indiana	983	1			3,053	3,088
Clifty Creek	Indiana	983	2			3,286	3,324
Clifty Creek	Indiana	983	3			3,133	3,169
Clifty Creek	Indiana	983	4			3,054	3,090
Clifty Creek	Indiana	983	5			3,284	3,323
Clifty Creek	Indiana	983	6			3,134	3,171
Connersville Peaking Station	Indiana	1002	1A			0	0
Connersville Peaking Station	Indiana	1002	1B			0	0
Connersville Peaking Station	Indiana	1002	2A			0	0
Connersville Peaking Station	Indiana	1002	2B			0	0
Dean H Mitchell Generating Station	Indiana	996	11			0	0
Dean H Mitchell Generating Station	Indiana	996	4			0	0
Dean H Mitchell Generating Station	Indiana	996	5			0	0
Dean H Mitchell Generating Station	Indiana	996	6			0	0
Duke Energy Vermillion, II LLC	Indiana	55111	1			0	0
Duke Energy Vermillion, II LLC	Indiana	55111	2			0	0

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Anderson	Indiana	7336	ACT1	1	1	1	1
Anderson	Indiana	7336	ACT2	1	1	1	1
Anderson	Indiana	7336	ACT3	0	0	0	0
Bailly Generating Station	Indiana	995	10	0	0	0	0
Bailly Generating Station	Indiana	995	7	1,511	1,511	1,511	1,511
Bailly Generating Station	Indiana	995	8	2,594	2,594	2,594	2,594
Broadway Avenue Generating Station	Indiana	1011	1	0	0	0	0
Broadway Avenue Generating Station	Indiana	1011	2	0	0	0	0
Cayuga	Indiana	1001	1	4,084	4,084	4,084	4,084
Cayuga	Indiana	1001	2	4,027	4,027	4,027	4,027
Cayuga	Indiana	1001	4	1	1	1	1
Clifty Creek	Indiana	983	1	1,730	1,730	1,730	1,730
Clifty Creek	Indiana	983	2	1,862	1,862	1,862	1,862
Clifty Creek	Indiana	983	3	1,776	1,776	1,776	1,776
Clifty Creek	Indiana	983	4	1,731	1,731	1,731	1,731
Clifty Creek	Indiana	983	5	1,862	1,862	1,862	1,862
Clifty Creek	Indiana	983	6	1,777	1,777	1,777	1,777
Connersville Peaking Station	Indiana	1002	1A	0	0	0	0
Connersville Peaking Station	Indiana	1002	1B	0	0	0	0
Connersville Peaking Station	Indiana	1002	2A	0	0	0	0
Connersville Peaking Station	Indiana	1002	2B	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	11	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	4	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	5	0	0	0	0
Dean H Mitchell Generating Station	Indiana	996	6	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	1	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	2	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Anderson	Indiana	7336	ACT1				
Anderson	Indiana	7336	ACT2				
Anderson	Indiana	7336	ACT3				
Bailly Generating Station	Indiana	995	10				
Bailly Generating Station	Indiana	995	7				
Bailly Generating Station	Indiana	995	8				
Broadway Avenue Generating Station	Indiana	1011	1				
Broadway Avenue Generating Station	Indiana	1011	2				
Cayuga	Indiana	1001	1				
Cayuga	Indiana	1001	2				
Cayuga	Indiana	1001	4				
Clifty Creek	Indiana	983	1				
Clifty Creek	Indiana	983	2				
Clifty Creek	Indiana	983	3				
Clifty Creek	Indiana	983	4				
Clifty Creek	Indiana	983	5				
Clifty Creek	Indiana	983	6				
Connersville Peaking Station	Indiana	1002	1A				
Connersville Peaking Station	Indiana	1002	1B				
Connersville Peaking Station	Indiana	1002	2A				
Connersville Peaking Station	Indiana	1002	2B				
Dean H Mitchell Generating Station	Indiana	996	11				
Dean H Mitchell Generating Station	Indiana	996	4				
Dean H Mitchell Generating Station	Indiana	996	5				
Dean H Mitchell Generating Station	Indiana	996	6				
Duke Energy Vermillion, II LLC	Indiana	55111	1				
Duke Energy Vermillion, II LLC	Indiana	55111	2				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation								
Anderson	Indiana	7336	ACT1			14,463	19,249	17,361
Anderson	Indiana	7336	ACT2			14,423	18,760	19,744
Anderson	Indiana	7336	ACT3			43,150	45,643	41,126
Bailly Generating Station	Indiana	995	10			9,048		1,363
Bailly Generating Station	Indiana	995	7			3,497,179	4,255,698	4,953,803
Bailly Generating Station	Indiana	995	8			6,834,326	8,754,997	7,380,020
Broadway Avenue Generating Station	Indiana	1011	1			44,852	19,388	47,093
Broadway Avenue Generating Station	Indiana	1011	2			244,840	134,241	282,935
Cayuga	Indiana	1001	1			12,581,241	13,701,931	13,950,974
Cayuga	Indiana	1001	2			12,309,075	12,397,316	13,313,691
Cayuga	Indiana	1001	4			79,005	26,695	
Clifty Creek	Indiana	983	1			5,776,156	4,972,712	5,742,444
Clifty Creek	Indiana	983	2			5,928,536	5,923,538	5,662,439
Clifty Creek	Indiana	983	3			6,328,017	3,804,416	5,309,071
Clifty Creek	Indiana	983	4			4,409,408	5,767,760	4,765,732
Clifty Creek	Indiana	983	5			6,034,911	6,227,067	5,752,636
Clifty Creek	Indiana	983	6			5,190,451	5,379,873	5,451,207
Connersville Peaking Station	Indiana	1002	1A			3,184		
Connersville Peaking Station	Indiana	1002	1B			3,053		
Connersville Peaking Station	Indiana	1002	2A			2,657		1,643
Connersville Peaking Station	Indiana	1002	2B			2,917		1,644
Dean H Mitchell Generating Station	Indiana	996	11					
Dean H Mitchell Generating Station	Indiana	996	4					
Dean H Mitchell Generating Station	Indiana	996	5					
Dean H Mitchell Generating Station	Indiana	996	6					
Duke Energy Vermillion, II LLC	Indiana	55111	1			56,160	129,336	34,068
Duke Energy Vermillion, II LLC	Indiana	55111	2			52,623	154,269	61,631

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Anderson	Indiana	7336	ACT1	1,700	4,301	17,025	574,501,876	0.000030
Anderson	Indiana	7336	ACT2	1,888	3,790	17,643	574,501,876	0.000031
Anderson	Indiana	7336	ACT3	2,552	8,476	43,306	574,501,876	0.000075
Bailly Generating Station	Indiana	995	10	261	692	3,701	574,501,876	0.000006
Bailly Generating Station	Indiana	995	7	4,324,051	4,353,191	4,543,682	574,501,876	0.007909
Bailly Generating Station	Indiana	995	8	7,226,568	7,398,943	7,844,654	574,501,876	0.013655
Broadway Avenue Generating Station	Indiana	1011	1	18,027	24,984	38,976	574,501,876	0.000068
Broadway Avenue Generating Station	Indiana	1011	2	73,403	134,792	220,856	574,501,876	0.000384
Cayuga	Indiana	1001	1	10,091,117	14,095,390	13,916,098	574,501,876	0.024223
Cayuga	Indiana	1001	2	7,169,146	13,962,747	13,224,584	574,501,876	0.023019
Cayuga	Indiana	1001	4	33,098	74,579	62,227	574,501,876	0.000108
Clifty Creek	Indiana	983	1	5,212,061	3,760,756	5,576,887	574,501,876	0.009707
Clifty Creek	Indiana	983	2	5,481,491	4,424,093	5,838,171	574,501,876	0.010162
Clifty Creek	Indiana	983	3	4,146,636	4,819,299	5,485,462	574,501,876	0.009548
Clifty Creek	Indiana	983	4	5,781,233	5,526,172	5,691,721	574,501,876	0.009907
Clifty Creek	Indiana	983	5	5,640,749	5,496,794	6,004,871	574,501,876	0.010452
Clifty Creek	Indiana	983	6	4,727,672	4,919,042	5,340,510	574,501,876	0.009296
Connersville Peaking Station	Indiana	1002	1A		374	1,779	574,501,876	0.000003
Connersville Peaking Station	Indiana	1002	1B		351	1,702	574,501,876	0.000003
Connersville Peaking Station	Indiana	1002	2A		620	1,640	574,501,876	0.000003
Connersville Peaking Station	Indiana	1002	2B		1,049	1,870	574,501,876	0.000003
Dean H Mitchell Generating Station	Indiana	996	11				574,501,876	
Dean H Mitchell Generating Station	Indiana	996	4				574,501,876	
Dean H Mitchell Generating Station	Indiana	996	5				574,501,876	
Dean H Mitchell Generating Station	Indiana	996	6				574,501,876	
Duke Energy Vermillion, II LLC	Indiana	55111	1	25,660	67,366	84,287	574,501,876	0.000147
Duke Energy Vermillion, II LLC	Indiana	55111	2	17,889	93,392	103,097	574,501,876	0.000179

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Anderson	Indiana	7336	ACT1	45,470	44,790	1	1	0	0
Anderson	Indiana	7336	ACT2	45,470	44,790	1	1	1	1
Anderson	Indiana	7336	ACT3	45,470	44,790	3	3		0
Bailly Generating Station	Indiana	995	10	45,470	44,790	0	0	1	0
Bailly Generating Station	Indiana	995	7	45,470	44,790	360	354	2,249	1,245
Bailly Generating Station	Indiana	995	8	45,470	44,790	621	612	3,431	2,675
Broadway Avenue Generating Station	Indiana	1011	1	45,470	44,790	3	3	7	7
Broadway Avenue Generating Station	Indiana	1011	2	45,470	44,790	17	17	8	4
Cayuga	Indiana	1001	1	45,470	44,790	1,101	1,085	1,902	2,081
Cayuga	Indiana	1001	2	45,470	44,790	1,047	1,031	1,746	2,481
Cayuga	Indiana	1001	4	45,470	44,790	5	5	1	7
Clifty Creek	Indiana	983	1	45,470	44,790	441	435	558	482
Clifty Creek	Indiana	983	2	45,470	44,790	462	455	896	486
Clifty Creek	Indiana	983	3	45,470	44,790	434	428	413	526
Clifty Creek	Indiana	983	4	45,470	44,790	450	444	1,006	772
Clifty Creek	Indiana	983	5	45,470	44,790	475	468	1,051	950
Clifty Creek	Indiana	983	6	45,470	44,790	423	416	966	848
Connersville Peaking Station	Indiana	1002	1A	45,470	44,790	0	0	1	
Connersville Peaking Station	Indiana	1002	1B	45,470	44,790	0	0	0	
Connersville Peaking Station	Indiana	1002	2A	45,470	44,790	0	0	1	
Connersville Peaking Station	Indiana	1002	2B	45,470	44,790	0	0	1	
Dean H Mitchell Generating Station	Indiana	996	11	45,470	44,790				
Dean H Mitchell Generating Station	Indiana	996	4	45,470	44,790				
Dean H Mitchell Generating Station	Indiana	996	5	45,470	44,790				
Dean H Mitchell Generating Station	Indiana	996	6	45,470	44,790				
Duke Energy Vermillion, II LLC	Indiana	55111	1	45,470	44,790	7	7	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	2	45,470	44,790	8	8	0	0

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Anderson	Indiana	7336	ACT1	0	1	1	1	0	0
Anderson	Indiana	7336	ACT2	1	1	1	1	0	0
Anderson	Indiana	7336	ACT3	0	1	1	1	0	0
Bailly Generating Station	Indiana	995	10	2	1		0	0	0
Bailly Generating Station	Indiana	995	7	1,021	1,014	1,026	544	310	502
Bailly Generating Station	Indiana	995	8	1,645	1,263	1,940	786	526	957
Broadway Avenue Generating Station	Indiana	1011	1	13	7	3	8	3	3
Broadway Avenue Generating Station	Indiana	1011	2	17	27	15	33	9	15
Cayuga	Indiana	1001	1	1,998	2,038	1,898	2,168	1,196	1,845
Cayuga	Indiana	1001	2	2,746	1,736	1,885	1,879	843	1,789
Cayuga	Indiana	1001	4	7	3	2		2	2
Clifty Creek	Indiana	983	1	232	255	438	511	265	272
Clifty Creek	Indiana	983	2	252	270	520	506	276	328
Clifty Creek	Indiana	983	3	257	285	300	486	216	342
Clifty Creek	Indiana	983	4	912	523	874	774	811	797
Clifty Creek	Indiana	983	5	888	730	980	957	785	796
Clifty Creek	Indiana	983	6	965	759	927	948	731	758
Connersville Peaking Station	Indiana	1002	1A	1	1				0
Connersville Peaking Station	Indiana	1002	1B	1	1				0
Connersville Peaking Station	Indiana	1002	2A	0	1		0		0
Connersville Peaking Station	Indiana	1002	2B	0	1		0		0
Dean H Mitchell Generating Station	Indiana	996	11						
Dean H Mitchell Generating Station	Indiana	996	4						
Dean H Mitchell Generating Station	Indiana	996	5						
Dean H Mitchell Generating Station	Indiana	996	6						
Duke Energy Vermillion, II LLC	Indiana	55111	1	2	1	2	1	0	1
Duke Energy Vermillion, II LLC	Indiana	55111	2	1	2	2	1	0	1

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Anderson	Indiana	7336	ACT1	1					
Anderson	Indiana	7336	ACT2	1					
Anderson	Indiana	7336	ACT3	1					
Bailly Generating Station	Indiana	995	10	2					
Bailly Generating Station	Indiana	995	7	2,249		883	865	827	
Bailly Generating Station	Indiana	995	8	3,431		1,517	1,485	1,419	
Broadway Avenue Generating Station	Indiana	1011	1	13					
Broadway Avenue Generating Station	Indiana	1011	2	33					
Cayuga	Indiana	1001	1	2,168					
Cayuga	Indiana	1001	2	2,746					
Cayuga	Indiana	1001	4	7					
Clifty Creek	Indiana	983	1	558					
Clifty Creek	Indiana	983	2	896					
Clifty Creek	Indiana	983	3	526					
Clifty Creek	Indiana	983	4	1,006					
Clifty Creek	Indiana	983	5	1,051					
Clifty Creek	Indiana	983	6	966					
Connersville Peaking Station	Indiana	1002	1A	1					
Connersville Peaking Station	Indiana	1002	1B	1					
Connersville Peaking Station	Indiana	1002	2A	1					
Connersville Peaking Station	Indiana	1002	2B	1					
Dean H Mitchell Generating Station	Indiana	996	11	0					
Dean H Mitchell Generating Station	Indiana	996	4	0					
Dean H Mitchell Generating Station	Indiana	996	5	0					
Dean H Mitchell Generating Station	Indiana	996	6	0					
Duke Energy Vermillion, II LLC	Indiana	55111	1	2					
Duke Energy Vermillion, II LLC	Indiana	55111	2	2					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Anderson	Indiana	7336	ACT1				
Anderson	Indiana	7336	ACT2				
Anderson	Indiana	7336	ACT3				
Bailly Generating Station	Indiana	995	10				
Bailly Generating Station	Indiana	995	7	827	827		
Bailly Generating Station	Indiana	995	8	1,419	1,419		
Broadway Avenue Generating Station	Indiana	1011	1				
Broadway Avenue Generating Station	Indiana	1011	2				
Cayuga	Indiana	1001	1				
Cayuga	Indiana	1001	2				
Cayuga	Indiana	1001	4				
Clifty Creek	Indiana	983	1				
Clifty Creek	Indiana	983	2				
Clifty Creek	Indiana	983	3				
Clifty Creek	Indiana	983	4				
Clifty Creek	Indiana	983	5				
Clifty Creek	Indiana	983	6				
Connersville Peaking Station	Indiana	1002	1A				
Connersville Peaking Station	Indiana	1002	1B				
Connersville Peaking Station	Indiana	1002	2A				
Connersville Peaking Station	Indiana	1002	2B				
Dean H Mitchell Generating Station	Indiana	996	11				
Dean H Mitchell Generating Station	Indiana	996	4				
Dean H Mitchell Generating Station	Indiana	996	5				
Dean H Mitchell Generating Station	Indiana	996	6				
Duke Energy Vermillion, II LLC	Indiana	55111	1				
Duke Energy Vermillion, II LLC	Indiana	55111	2				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Anderson	Indiana	7336	ACT1				
Anderson	Indiana	7336	ACT2				
Anderson	Indiana	7336	ACT3				
Bailly Generating Station	Indiana	995	10				
Bailly Generating Station	Indiana	995	7				
Bailly Generating Station	Indiana	995	8				
Broadway Avenue Generating Station	Indiana	1011	1				
Broadway Avenue Generating Station	Indiana	1011	2				
Cayuga	Indiana	1001	1				
Cayuga	Indiana	1001	2				
Cayuga	Indiana	1001	4				
Clifty Creek	Indiana	983	1				
Clifty Creek	Indiana	983	2				
Clifty Creek	Indiana	983	3				
Clifty Creek	Indiana	983	4				
Clifty Creek	Indiana	983	5				
Clifty Creek	Indiana	983	6				
Connersville Peaking Station	Indiana	1002	1A				
Connersville Peaking Station	Indiana	1002	1B				
Connersville Peaking Station	Indiana	1002	2A				
Connersville Peaking Station	Indiana	1002	2B				
Dean H Mitchell Generating Station	Indiana	996	11				
Dean H Mitchell Generating Station	Indiana	996	4				
Dean H Mitchell Generating Station	Indiana	996	5				
Dean H Mitchell Generating Station	Indiana	996	6				
Duke Energy Vermillion, II LLC	Indiana	55111	1				
Duke Energy Vermillion, II LLC	Indiana	55111	2				

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Anderson	Indiana	7336	ACT1	Y	Y		Y		
Anderson	Indiana	7336	ACT2	Y	Y		Y		
Anderson	Indiana	7336	ACT3	Y	Y		Y		
Bailly Generating Station	Indiana	995	10	Y	Y		Y		
Bailly Generating Station	Indiana	995	7	Y	Y		Y		
Bailly Generating Station	Indiana	995	8	Y	Y		Y		
Broadway Avenue Generating Station	Indiana	1011	1	Y	Y		Y		
Broadway Avenue Generating Station	Indiana	1011	2	Y	Y		Y		
Cayuga	Indiana	1001	1	Y	Y		Y		
Cayuga	Indiana	1001	2	Y	Y		Y		
Cayuga	Indiana	1001	4	Y	Y		Y		
Clifty Creek	Indiana	983	1	Y	Y		Y		
Clifty Creek	Indiana	983	2	Y	Y		Y		
Clifty Creek	Indiana	983	3	Y	Y		Y		
Clifty Creek	Indiana	983	4	Y	Y		Y		
Clifty Creek	Indiana	983	5	Y	Y		Y		
Clifty Creek	Indiana	983	6	Y	Y		Y		
Connersville Peaking Station	Indiana	1002	1A	Y	Y		Y		
Connersville Peaking Station	Indiana	1002	1B	Y	Y		Y		
Connersville Peaking Station	Indiana	1002	2A	Y	Y		Y		
Connersville Peaking Station	Indiana	1002	2B	Y	Y		Y		
Dean H Mitchell Generating Station	Indiana	996	11	Y	Y		Y		
Dean H Mitchell Generating Station	Indiana	996	4	Y	Y		Y		
Dean H Mitchell Generating Station	Indiana	996	5	Y	Y		Y		
Dean H Mitchell Generating Station	Indiana	996	6	Y	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	1	Y	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	2	Y	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Duke Energy Vermillion, II LLC	Indiana	55111	3	3922	94,570	207,803	84,994	57,343	195,017
Duke Energy Vermillion, II LLC	Indiana	55111	4	3923	84,832	214,651	125,874	73,182	176,220
Duke Energy Vermillion, II LLC	Indiana	55111	5	3924	82,841	203,951	65,990	87,388	117,453
Duke Energy Vermillion, II LLC	Indiana	55111	6	3925	77,732	232,136	73,100	66,061	135,784
Duke Energy Vermillion, II LLC	Indiana	55111	7	3926	82,407	195,652	60,025	65,065	137,665
Duke Energy Vermillion, II LLC	Indiana	55111	8	3927	82,064	212,450	101,913	56,271	148,276
Edwardsport	Indiana	1004	6-1	709		7,454			
Edwardsport	Indiana	1004	7-1	710	607,274	1,181,829	1,444,502	250,460	538,059
Edwardsport	Indiana	1004	7-2	711	675,084	1,088,314	949,334	212,348	726,290
Edwardsport	Indiana	1004	8-1	712	510,000	1,261,342	1,521,863	296,718	553,746
F B Culley Generating Station	Indiana	1012	2	727	7,371,886	7,786,145	7,364,391	2,648,823	3,177,668
F B Culley Generating Station	Indiana	1012	3	728	18,474,994	24,626,245	23,040,931	17,032,198	20,493,142
Frank E Ratts	Indiana	1043	1SG1	731	8,660,458	8,788,827	8,941,534	7,855,716	7,552,751
Frank E Ratts	Indiana	1043	2SG1	732	8,269,210	9,570,992	9,076,723	9,073,035	7,041,347
Georgetown Substation	Indiana	7759	GT1	3163	152,704	90,144	72,505	28,061	188,227
Georgetown Substation	Indiana	7759	GT2	3164	121,917	220,835	28,297	117,994	292,241
Georgetown Substation	Indiana	7759	GT3	3165	88,046	210,518	20,569	105,622	275,821
Georgetown Substation	Indiana	7759	GT4	3166	160,532	201,103	37,540	34,680	216,868
Gibson	Indiana	6113	1	2782	42,921,435	44,858,777	44,897,553	34,652,546	35,798,530
Gibson	Indiana	6113	2	2783	41,584,725	39,085,948	45,880,041	35,091,066	43,575,379
Gibson	Indiana	6113	3	2784	39,025,441	50,387,344	45,282,027	44,293,717	46,046,113
Gibson	Indiana	6113	4	2785	45,429,520	44,555,299	35,707,356	29,910,566	40,842,755
Gibson	Indiana	6113	5	2786	40,083,487	39,527,000	29,108,730	32,811,788	25,549,996
Harding Street Station (EW Stout)	Indiana	990	10	670	3,603	10,973	5,846	282	27,343
Harding Street Station (EW Stout)	Indiana	990	50	675	5,748,259	6,814,757	6,336,841	6,541,394	6,895,227
Harding Street Station (EW Stout)	Indiana	990	60	677	6,409,907	5,817,048	6,280,121	6,624,338	5,590,754
Harding Street Station (EW Stout)	Indiana	990	70	679	25,822,383	24,207,612	22,853,505	26,281,225	21,085,736

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Duke Energy Vermillion, II LLC	Indiana	55111	3	165,797	1,326,412,000	0.000125	282,039	161,456
Duke Energy Vermillion, II LLC	Indiana	55111	4	172,248	1,326,412,000	0.000130	282,039	161,456
Duke Energy Vermillion, II LLC	Indiana	55111	5	136,264	1,326,412,000	0.000103	282,039	161,456
Duke Energy Vermillion, II LLC	Indiana	55111	6	148,551	1,326,412,000	0.000112	282,039	161,456
Duke Energy Vermillion, II LLC	Indiana	55111	7	138,575	1,326,412,000	0.000104	282,039	161,456
Duke Energy Vermillion, II LLC	Indiana	55111	8	154,213	1,326,412,000	0.000116	282,039	161,456
Edwardsport	Indiana	1004	6-1	7,454	1,326,412,000	0.000006	282,039	161,456
Edwardsport	Indiana	1004	7-1	1,077,869	1,326,412,000	0.000813	282,039	161,456
Edwardsport	Indiana	1004	7-2	921,313	1,326,412,000	0.000695	282,039	161,456
Edwardsport	Indiana	1004	8-1	1,112,317	1,326,412,000	0.000839	282,039	161,456
F B Culley Generating Station	Indiana	1012	2	7,507,474	1,326,412,000	0.005660	282,039	161,456
F B Culley Generating Station	Indiana	1012	3	22,720,106	1,326,412,000	0.017129	282,039	161,456
Frank E Ratts	Indiana	1043	1SG1	8,796,939	1,326,412,000	0.006632	282,039	161,456
Frank E Ratts	Indiana	1043	2SG1	9,240,250	1,326,412,000	0.006966	282,039	161,456
Georgetown Substation	Indiana	7759	GT1	143,692	1,326,412,000	0.000108	282,039	161,456
Georgetown Substation	Indiana	7759	GT2	211,664	1,326,412,000	0.000160	282,039	161,456
Georgetown Substation	Indiana	7759	GT3	197,320	1,326,412,000	0.000149	282,039	161,456
Georgetown Substation	Indiana	7759	GT4	192,834	1,326,412,000	0.000145	282,039	161,456
Gibson	Indiana	6113	1	44,225,922	1,326,412,000	0.033343	282,039	161,456
Gibson	Indiana	6113	2	43,680,049	1,326,412,000	0.032931	282,039	161,456
Gibson	Indiana	6113	3	47,238,495	1,326,412,000	0.035614	282,039	161,456
Gibson	Indiana	6113	4	43,609,191	1,326,412,000	0.032878	282,039	161,456
Gibson	Indiana	6113	5	37,474,091	1,326,412,000	0.028252	282,039	161,456
Harding Street Station (EW Stout)	Indiana	990	10	14,721	1,326,412,000	0.000011	282,039	161,456
Harding Street Station (EW Stout)	Indiana	990	50	6,750,460	1,326,412,000	0.005089	282,039	161,456
Harding Street Station (EW Stout)	Indiana	990	60	6,438,122	1,326,412,000	0.004854	282,039	161,456
Harding Street Station (EW Stout)	Indiana	990	70	25,437,074	1,326,412,000	0.019177	282,039	161,456

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Duke Energy Vermillion, II LLC	Indiana	55111	3	106,434	105,171	35	20	13	13
Duke Energy Vermillion, II LLC	Indiana	55111	4	106,434	105,171	37	21	14	14
Duke Energy Vermillion, II LLC	Indiana	55111	5	106,434	105,171	29	17	11	11
Duke Energy Vermillion, II LLC	Indiana	55111	6	106,434	105,171	32	18	12	12
Duke Energy Vermillion, II LLC	Indiana	55111	7	106,434	105,171	29	17	11	11
Duke Energy Vermillion, II LLC	Indiana	55111	8	106,434	105,171	33	19	12	12
Edwardsport	Indiana	1004	6-1	106,434	105,171	2	1	1	1
Edwardsport	Indiana	1004	7-1	106,434	105,171	229	131	86	85
Edwardsport	Indiana	1004	7-2	106,434	105,171	196	112	74	73
Edwardsport	Indiana	1004	8-1	106,434	105,171	237	135	89	88
F B Culley Generating Station	Indiana	1012	2	106,434	105,171	1,596	914	602	595
F B Culley Generating Station	Indiana	1012	3	106,434	105,171	4,831	2,766	1,823	1,801
Frank E Ratts	Indiana	1043	1SG1	106,434	105,171	1,871	1,071	706	698
Frank E Ratts	Indiana	1043	2SG1	106,434	105,171	1,965	1,125	741	733
Georgetown Substation	Indiana	7759	GT1	106,434	105,171	31	17	12	11
Georgetown Substation	Indiana	7759	GT2	106,434	105,171	45	26	17	17
Georgetown Substation	Indiana	7759	GT3	106,434	105,171	42	24	16	16
Georgetown Substation	Indiana	7759	GT4	106,434	105,171	41	23	15	15
Gibson	Indiana	6113	1	106,434	105,171	9,404	5,383	3,549	3,507
Gibson	Indiana	6113	2	106,434	105,171	9,288	5,317	3,505	3,463
Gibson	Indiana	6113	3	106,434	105,171	10,044	5,750	3,791	3,746
Gibson	Indiana	6113	4	106,434	105,171	9,273	5,308	3,499	3,458
Gibson	Indiana	6113	5	106,434	105,171	7,968	4,561	3,007	2,971
Harding Street Station (EW Stout)	Indiana	990	10	106,434	105,171	3	2	1	1
Harding Street Station (EW Stout)	Indiana	990	50	106,434	105,171	1,435	822	542	535
Harding Street Station (EW Stout)	Indiana	990	60	106,434	105,171	1,369	784	517	510
Harding Street Station (EW Stout)	Indiana	990	70	106,434	105,171	5,409	3,096	2,041	2,017

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Duke Energy Vermillion, II LLC	Indiana	55111	3	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	4	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	5	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	6	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	7	0	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	8	0	0	0	0	0
Edwardsport	Indiana	1004	6-1					1
Edwardsport	Indiana	1004	7-1	3,074	3,511	2,201	1,112	2,040
Edwardsport	Indiana	1004	7-2	2,332	3,726	2,525	1,227	1,848
Edwardsport	Indiana	1004	8-1	2,615	3,471	2,416	986	2,298
F B Culley Generating Station	Indiana	1012	2	1,193	1,015	1,136	1,220	1,048
F B Culley Generating Station	Indiana	1012	3	2,923	1,605	1,548	1,612	2,629
Frank E Ratts	Indiana	1043	1SG1	8,296	8,930	8,634	11,118	10,274
Frank E Ratts	Indiana	1043	2SG1	9,307	9,322	6,490	10,520	11,012
Georgetown Substation	Indiana	7759	GT1	0	0	0	0	0
Georgetown Substation	Indiana	7759	GT2	0	0	0	0	0
Georgetown Substation	Indiana	7759	GT3	0	0	0	0	0
Georgetown Substation	Indiana	7759	GT4	0	0	0	0	0
Gibson	Indiana	6113	1	35,586	41,020	35,140	46,337	34,350
Gibson	Indiana	6113	2	33,239	46,258	40,372	44,725	13,124
Gibson	Indiana	6113	3	43,964	53,618	49,859	38,782	2,224
Gibson	Indiana	6113	4	6,412	9,178	9,105	6,363	4,353
Gibson	Indiana	6113	5	17,336	14,047	19,758	18,849	18,896
Harding Street Station (EW Stout)	Indiana	990	10	0	0	0	0	0
Harding Street Station (EW Stout)	Indiana	990	50	8,718	8,125	9,241	6,859	8,184
Harding Street Station (EW Stout)	Indiana	990	60	9,467	7,421	9,884	7,761	7,109
Harding Street Station (EW Stout)	Indiana	990	70	32,828	29,235	30,222	31,725	20,907

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Duke Energy Vermillion, II LLC	Indiana	55111	3	0	0	0	0		
Duke Energy Vermillion, II LLC	Indiana	55111	4	0	0	0	0		
Duke Energy Vermillion, II LLC	Indiana	55111	5	0	0	0	0		
Duke Energy Vermillion, II LLC	Indiana	55111	6	0	0	0	0		
Duke Energy Vermillion, II LLC	Indiana	55111	7	0	0	0	0		
Duke Energy Vermillion, II LLC	Indiana	55111	8	0	0	0	0		
Edwardsport	Indiana	1004	6-1				1		
Edwardsport	Indiana	1004	7-1	2,792	445	970	3,511		
Edwardsport	Indiana	1004	7-2	1,792	406	1,396	3,726		
Edwardsport	Indiana	1004	8-1	3,006	576	1,150	3,471		
F B Culley Generating Station	Indiana	1012	2	1,488	435	406	1,488		
F B Culley Generating Station	Indiana	1012	3	2,455	1,616	1,494	2,923		
Frank E Ratts	Indiana	1043	1SG1	13,652	11,045	11,133	13,652		
Frank E Ratts	Indiana	1043	2SG1	13,682	12,903	10,174	13,682		
Georgetown Substation	Indiana	7759	GT1	0	0	0	0		
Georgetown Substation	Indiana	7759	GT2	0	0	0	0		
Georgetown Substation	Indiana	7759	GT3	0	0	0	0		
Georgetown Substation	Indiana	7759	GT4	0	0	0	0		
Gibson	Indiana	6113	1	1,806	1,614	2,140	46,337		
Gibson	Indiana	6113	2	1,813	1,692	2,522	46,258		
Gibson	Indiana	6113	3	2,442	2,722	3,173	53,618		
Gibson	Indiana	6113	4	3,002	3,044	3,901	9,178		
Gibson	Indiana	6113	5	11,464	11,870	10,139	19,758		
Harding Street Station (EW Stout)	Indiana	990	10	0	0	1	1		
Harding Street Station (EW Stout)	Indiana	990	50	9,121	10,043	11,159	11,159		
Harding Street Station (EW Stout)	Indiana	990	60	9,255	10,411	8,795	10,411		
Harding Street Station (EW Stout)	Indiana	990	70	1,196	3,144	1,713	32,828		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Duke Energy Vermillion, II LLC	Indiana	55111	3					4	0
Duke Energy Vermillion, II LLC	Indiana	55111	4					2	0
Duke Energy Vermillion, II LLC	Indiana	55111	5					1	0
Duke Energy Vermillion, II LLC	Indiana	55111	6					2	0
Duke Energy Vermillion, II LLC	Indiana	55111	7					2	0
Duke Energy Vermillion, II LLC	Indiana	55111	8					4	0
Edwardsport	Indiana	1004	6-1						
Edwardsport	Indiana	1004	7-1					748	893
Edwardsport	Indiana	1004	7-2					538	878
Edwardsport	Indiana	1004	8-1					554	819
F B Culley Generating Station	Indiana	1012	2					859	681
F B Culley Generating Station	Indiana	1012	3					3,209	1,635
Frank E Ratts	Indiana	1043	1SG1					1,837	1,919
Frank E Ratts	Indiana	1043	2SG1					1,886	1,882
Georgetown Substation	Indiana	7759	GT1					1	1
Georgetown Substation	Indiana	7759	GT2					0	0
Georgetown Substation	Indiana	7759	GT3					0	1
Georgetown Substation	Indiana	7759	GT4					0	1
Gibson	Indiana	6113	1					7,887	7,175
Gibson	Indiana	6113	2					7,130	8,004
Gibson	Indiana	6113	3					6,914	7,234
Gibson	Indiana	6113	4					5,190	8,749
Gibson	Indiana	6113	5					11,295	5,687
Harding Street Station (EW Stout)	Indiana	990	10					1	0
Harding Street Station (EW Stout)	Indiana	990	50					1,194	1,114
Harding Street Station (EW Stout)	Indiana	990	60					1,203	963
Harding Street Station (EW Stout)	Indiana	990	70					3,926	4,143

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Duke Energy Vermillion, II LLC	Indiana	55111	3	3	4	4	3	2
Duke Energy Vermillion, II LLC	Indiana	55111	4	3	4	4	3	2
Duke Energy Vermillion, II LLC	Indiana	55111	5	3	5	4	2	2
Duke Energy Vermillion, II LLC	Indiana	55111	6	3	4	4	2	2
Duke Energy Vermillion, II LLC	Indiana	55111	7	2	4	3	1	1
Duke Energy Vermillion, II LLC	Indiana	55111	8	3	4	3	2	2
Edwardsport	Indiana	1004	6-1			1		
Edwardsport	Indiana	1004	7-1	501	201	375	464	78
Edwardsport	Indiana	1004	7-2	526	199	306	266	56
Edwardsport	Indiana	1004	8-1	529	190	370	429	94
F B Culley Generating Station	Indiana	1012	2	767	767	627	872	237
F B Culley Generating Station	Indiana	1012	3	1,673	1,389	1,815	1,602	784
Frank E Ratts	Indiana	1043	1SG1	1,576	2,169	2,618	1,287	1,098
Frank E Ratts	Indiana	1043	2SG1	1,129	1,950	2,211	2,197	1,327
Georgetown Substation	Indiana	7759	GT1	3	2	1	1	0
Georgetown Substation	Indiana	7759	GT2	4	2	3	0	1
Georgetown Substation	Indiana	7759	GT3	4	1	3	0	1
Georgetown Substation	Indiana	7759	GT4	5	2	3	0	0
Gibson	Indiana	6113	1	4,059	5,690	4,972	6,253	1,345
Gibson	Indiana	6113	2	5,337	5,619	5,424	6,846	2,229
Gibson	Indiana	6113	3	6,980	5,073	7,443	7,525	2,904
Gibson	Indiana	6113	4	7,237	6,417	6,424	4,452	1,288
Gibson	Indiana	6113	5	6,671	5,734	5,760	4,474	1,802
Harding Street Station (EW Stout)	Indiana	990	10	1	0	1	0	0
Harding Street Station (EW Stout)	Indiana	990	50	1,048	813	1,060	954	728
Harding Street Station (EW Stout)	Indiana	990	60	964	832	760	985	762
Harding Street Station (EW Stout)	Indiana	990	70	2,495	2,668	2,423	2,595	1,227

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Duke Energy Vermillion, II LLC	Indiana	55111	3	3	4				
Duke Energy Vermillion, II LLC	Indiana	55111	4	3	4				
Duke Energy Vermillion, II LLC	Indiana	55111	5	2	5				
Duke Energy Vermillion, II LLC	Indiana	55111	6	2	4				
Duke Energy Vermillion, II LLC	Indiana	55111	7	2	4				
Duke Energy Vermillion, II LLC	Indiana	55111	8	3	4				
Edwardsport	Indiana	1004	6-1		1				
Edwardsport	Indiana	1004	7-1	165	893				
Edwardsport	Indiana	1004	7-2	225	878				
Edwardsport	Indiana	1004	8-1	183	819				
F B Culley Generating Station	Indiana	1012	2	299	872				
F B Culley Generating Station	Indiana	1012	3	1,182	3,209				
Frank E Ratts	Indiana	1043	1SG1	909	2,618	550	506	506	451
Frank E Ratts	Indiana	1043	2SG1	951	2,211	578	532	532	473
Georgetown Substation	Indiana	7759	GT1	2	3				
Georgetown Substation	Indiana	7759	GT2	3	4				
Georgetown Substation	Indiana	7759	GT3	3	4				
Georgetown Substation	Indiana	7759	GT4	2	5				
Gibson	Indiana	6113	1	2,229	7,887				
Gibson	Indiana	6113	2	2,896	8,004				
Gibson	Indiana	6113	3	3,420	7,525				
Gibson	Indiana	6113	4	1,768	8,749				
Gibson	Indiana	6113	5	1,704	11,295				
Harding Street Station (EW Stout)	Indiana	990	10	2	2				
Harding Street Station (EW Stout)	Indiana	990	50	892	1,194				
Harding Street Station (EW Stout)	Indiana	990	60	690	1,203				
Harding Street Station (EW Stout)	Indiana	990	70	1,023	4,143				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Duke Energy Vermillion, II LLC	Indiana	55111	3			0	0
Duke Energy Vermillion, II LLC	Indiana	55111	4			0	0
Duke Energy Vermillion, II LLC	Indiana	55111	5			0	0
Duke Energy Vermillion, II LLC	Indiana	55111	6			0	0
Duke Energy Vermillion, II LLC	Indiana	55111	7			0	0
Duke Energy Vermillion, II LLC	Indiana	55111	8			0	0
Edwardsport	Indiana	1004	6-1			1	1
Edwardsport	Indiana	1004	7-1			245	248
Edwardsport	Indiana	1004	7-2			209	212
Edwardsport	Indiana	1004	8-1			253	256
F B Culley Generating Station	Indiana	1012	2			1,488	1,488
F B Culley Generating Station	Indiana	1012	3			2,923	2,923
Frank E Ratts	Indiana	1043	1SG1	451	451	1,998	2,022
Frank E Ratts	Indiana	1043	2SG1	473	473	2,099	2,123
Georgetown Substation	Indiana	7759	GT1			0	0
Georgetown Substation	Indiana	7759	GT2			0	0
Georgetown Substation	Indiana	7759	GT3			0	0
Georgetown Substation	Indiana	7759	GT4			0	0
Gibson	Indiana	6113	1			10,046	10,163
Gibson	Indiana	6113	2			9,922	10,038
Gibson	Indiana	6113	3			10,731	10,856
Gibson	Indiana	6113	4			9,178	9,178
Gibson	Indiana	6113	5			8,513	8,612
Harding Street Station (EW Stout)	Indiana	990	10			1	1
Harding Street Station (EW Stout)	Indiana	990	50			1,533	1,551
Harding Street Station (EW Stout)	Indiana	990	60			1,462	1,480
Harding Street Station (EW Stout)	Indiana	990	70			5,778	5,846

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Duke Energy Vermillion, II LLC	Indiana	55111	3	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	4	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	5	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	6	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	7	0	0	0	0
Duke Energy Vermillion, II LLC	Indiana	55111	8	0	0	0	0
Edwardsport	Indiana	1004	6-1	1	1	1	1
Edwardsport	Indiana	1004	7-1	139	139	139	139
Edwardsport	Indiana	1004	7-2	119	119	119	119
Edwardsport	Indiana	1004	8-1	143	143	143	143
F B Culley Generating Station	Indiana	1012	2	967	967	967	967
F B Culley Generating Station	Indiana	1012	3	2,923	2,923	2,923	2,923
Frank E Ratts	Indiana	1043	1SG1	1,133	1,133	1,133	1,133
Frank E Ratts	Indiana	1043	2SG1	1,190	1,190	1,190	1,190
Georgetown Substation	Indiana	7759	GT1	0	0	0	0
Georgetown Substation	Indiana	7759	GT2	0	0	0	0
Georgetown Substation	Indiana	7759	GT3	0	0	0	0
Georgetown Substation	Indiana	7759	GT4	0	0	0	0
Gibson	Indiana	6113	1	5,694	5,694	5,694	5,694
Gibson	Indiana	6113	2	5,624	5,624	5,624	5,624
Gibson	Indiana	6113	3	6,082	6,082	6,082	6,082
Gibson	Indiana	6113	4	5,615	5,615	5,615	5,615
Gibson	Indiana	6113	5	4,825	4,825	4,825	4,825
Harding Street Station (EW Stout)	Indiana	990	10	1	1	1	1
Harding Street Station (EW Stout)	Indiana	990	50	869	869	869	869
Harding Street Station (EW Stout)	Indiana	990	60	829	829	829	829
Harding Street Station (EW Stout)	Indiana	990	70	3,275	3,275	3,275	3,275

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Duke Energy Vermillion, II LLC	Indiana	55111	3				
Duke Energy Vermillion, II LLC	Indiana	55111	4				
Duke Energy Vermillion, II LLC	Indiana	55111	5				
Duke Energy Vermillion, II LLC	Indiana	55111	6				
Duke Energy Vermillion, II LLC	Indiana	55111	7				
Duke Energy Vermillion, II LLC	Indiana	55111	8				
Edwardsport	Indiana	1004	6-1				
Edwardsport	Indiana	1004	7-1				
Edwardsport	Indiana	1004	7-2				
Edwardsport	Indiana	1004	8-1				
F B Culley Generating Station	Indiana	1012	2				
F B Culley Generating Station	Indiana	1012	3				
Frank E Ratts	Indiana	1043	1SG1				
Frank E Ratts	Indiana	1043	2SG1				
Georgetown Substation	Indiana	7759	GT1				
Georgetown Substation	Indiana	7759	GT2				
Georgetown Substation	Indiana	7759	GT3				
Georgetown Substation	Indiana	7759	GT4				
Gibson	Indiana	6113	1				
Gibson	Indiana	6113	2				
Gibson	Indiana	6113	3				
Gibson	Indiana	6113	4				
Gibson	Indiana	6113	5				
Harding Street Station (EW Stout)	Indiana	990	10				
Harding Street Station (EW Stout)	Indiana	990	50				
Harding Street Station (EW Stout)	Indiana	990	60				
Harding Street Station (EW Stout)	Indiana	990	70				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
						2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Duke Energy Vermillion, II LLC	Indiana	55111	3			44,715	131,976	18,999
Duke Energy Vermillion, II LLC	Indiana	55111	4			42,292	152,043	35,897
Duke Energy Vermillion, II LLC	Indiana	55111	5			37,675	144,765	13,733
Duke Energy Vermillion, II LLC	Indiana	55111	6			39,744	158,803	21,993
Duke Energy Vermillion, II LLC	Indiana	55111	7			36,974	149,000	13,230
Duke Energy Vermillion, II LLC	Indiana	55111	8			40,662	147,059	19,797
Edwardsport	Indiana	1004	6-1				7,358	
Edwardsport	Indiana	1004	7-1			278,188	401,508	502,958
Edwardsport	Indiana	1004	7-2			320,118	336,410	302,149
Edwardsport	Indiana	1004	8-1			267,620	459,149	566,593
F B Culley Generating Station	Indiana	1012	2			3,692,600	3,305,457	2,847,622
F B Culley Generating Station	Indiana	1012	3			8,406,727	10,628,259	9,615,279
Frank E Ratts	Indiana	1043	1SG1			3,623,157	3,887,075	3,779,909
Frank E Ratts	Indiana	1043	2SG1			3,543,814	3,814,183	3,930,265
Georgetown Substation	Indiana	7759	GT1			136,093	68,686	59,633
Georgetown Substation	Indiana	7759	GT2			94,775	170,823	23,379
Georgetown Substation	Indiana	7759	GT3			63,697	171,399	20,569
Georgetown Substation	Indiana	7759	GT4			141,723	167,879	36,536
Gibson	Indiana	6113	1			18,896,688	21,065,175	17,905,596
Gibson	Indiana	6113	2			17,735,402	16,587,993	18,982,610
Gibson	Indiana	6113	3			19,609,412	20,308,859	20,069,749
Gibson	Indiana	6113	4			20,858,815	18,315,471	16,913,808
Gibson	Indiana	6113	5			17,147,379	16,592,549	12,557,363
Harding Street Station (EW Stout)	Indiana	990	10			3,529	10,013	2,084
Harding Street Station (EW Stout)	Indiana	990	50			2,601,425	2,801,511	2,377,018
Harding Street Station (EW Stout)	Indiana	990	60			2,559,007	2,518,316	2,124,927
Harding Street Station (EW Stout)	Indiana	990	70			11,148,530	10,719,019	9,142,044

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Duke Energy Vermillion, II LLC	Indiana	55111	3	26,870	113,874	96,855	574,501,876	0.000169
Duke Energy Vermillion, II LLC	Indiana	55111	4	14,677	108,604	100,980	574,501,876	0.000176
Duke Energy Vermillion, II LLC	Indiana	55111	5	22,328	75,164	85,868	574,501,876	0.000149
Duke Energy Vermillion, II LLC	Indiana	55111	6	12,820	82,431	93,659	574,501,876	0.000163
Duke Energy Vermillion, II LLC	Indiana	55111	7	30,690	84,312	90,095	574,501,876	0.000157
Duke Energy Vermillion, II LLC	Indiana	55111	8	13,209	92,636	93,452	574,501,876	0.000163
Edwardsport	Indiana	1004	6-1			7,358	574,501,876	0.000013
Edwardsport	Indiana	1004	7-1	61,170	231,658	394,218	574,501,876	0.000686
Edwardsport	Indiana	1004	7-2	91,936	325,295	327,274	574,501,876	0.000570
Edwardsport	Indiana	1004	8-1	76,866	262,082	431,121	574,501,876	0.000750
F B Culley Generating Station	Indiana	1012	2	1,193,248	1,771,992	3,281,893	574,501,876	0.005713
F B Culley Generating Station	Indiana	1012	3	6,886,167	8,871,053	9,704,864	574,501,876	0.016893
Frank E Ratts	Indiana	1043	1SG1	3,011,671	3,006,079	3,763,381	574,501,876	0.006551
Frank E Ratts	Indiana	1043	2SG1	3,588,152	3,563,848	3,777,533	574,501,876	0.006575
Georgetown Substation	Indiana	7759	GT1	16,369	154,111	119,630	574,501,876	0.000208
Georgetown Substation	Indiana	7759	GT2	77,515	248,967	171,522	574,501,876	0.000299
Georgetown Substation	Indiana	7759	GT3	84,090	235,667	163,719	574,501,876	0.000285
Georgetown Substation	Indiana	7759	GT4	19,123	183,366	164,323	574,501,876	0.000286
Gibson	Indiana	6113	1	13,441,323	18,830,647	19,597,503	574,501,876	0.034112
Gibson	Indiana	6113	2	13,496,465	19,590,013	18,769,342	574,501,876	0.032671
Gibson	Indiana	6113	3	17,967,724	18,744,530	19,996,007	574,501,876	0.034806
Gibson	Indiana	6113	4	14,298,363	16,640,645	18,696,031	574,501,876	0.032543
Gibson	Indiana	6113	5	12,556,137	14,391,842	16,043,923	574,501,876	0.027927
Harding Street Station (EW Stout)	Indiana	990	10	282	2,349	5,297	574,501,876	0.000009
Harding Street Station (EW Stout)	Indiana	990	50	2,475,523	2,677,577	2,693,504	574,501,876	0.004688
Harding Street Station (EW Stout)	Indiana	990	60	2,762,115	1,652,088	2,613,146	574,501,876	0.004549
Harding Street Station (EW Stout)	Indiana	990	70	12,155,887	11,231,289	11,511,902	574,501,876	0.020038

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Duke Energy Vermillion, II LLC	Indiana	55111	3	45,470	44,790	8	8	4	0
Duke Energy Vermillion, II LLC	Indiana	55111	4	45,470	44,790	8	8	1	0
Duke Energy Vermillion, II LLC	Indiana	55111	5	45,470	44,790	7	7	1	0
Duke Energy Vermillion, II LLC	Indiana	55111	6	45,470	44,790	7	7	2	0
Duke Energy Vermillion, II LLC	Indiana	55111	7	45,470	44,790	7	7	2	0
Duke Energy Vermillion, II LLC	Indiana	55111	8	45,470	44,790	7	7	4	0
Edwardsport	Indiana	1004	6-1	45,470	44,790	1	1		
Edwardsport	Indiana	1004	7-1	45,470	44,790	31	31	432	148
Edwardsport	Indiana	1004	7-2	45,470	44,790	26	26	337	96
Edwardsport	Indiana	1004	8-1	45,470	44,790	34	34	316	141
F B Culley Generating Station	Indiana	1012	2	45,470	44,790	260	256	426	229
F B Culley Generating Station	Indiana	1012	3	45,470	44,790	768	757	1,280	741
Frank E Ratts	Indiana	1043	1SG1	45,470	44,790	298	293	839	753
Frank E Ratts	Indiana	1043	2SG1	45,470	44,790	299	295	830	810
Georgetown Substation	Indiana	7759	GT1	45,470	44,790	9	9	0	0
Georgetown Substation	Indiana	7759	GT2	45,470	44,790	14	13	0	0
Georgetown Substation	Indiana	7759	GT3	45,470	44,790	13	13	0	1
Georgetown Substation	Indiana	7759	GT4	45,470	44,790	13	13	0	1
Gibson	Indiana	6113	1	45,470	44,790	1,551	1,528	2,567	2,023
Gibson	Indiana	6113	2	45,470	44,790	1,486	1,463	2,263	2,655
Gibson	Indiana	6113	3	45,470	44,790	1,583	1,559	945	1,781
Gibson	Indiana	6113	4	45,470	44,790	1,480	1,458	1,432	2,294
Gibson	Indiana	6113	5	45,470	44,790	1,270	1,251	4,116	2,214
Harding Street Station (EW Stout)	Indiana	990	10	45,470	44,790	0	0	0	0
Harding Street Station (EW Stout)	Indiana	990	50	45,470	44,790	213	210	526	412
Harding Street Station (EW Stout)	Indiana	990	60	45,470	44,790	207	204	478	336
Harding Street Station (EW Stout)	Indiana	990	70	45,470	44,790	911	898	1,322	1,603

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Duke Energy Vermillion, II LLC	Indiana	55111	3	2	1	2	1	0	2
Duke Energy Vermillion, II LLC	Indiana	55111	4	2	1	2	1	0	1
Duke Energy Vermillion, II LLC	Indiana	55111	5	2	1	3	0	0	1
Duke Energy Vermillion, II LLC	Indiana	55111	6	2	1	3	0	1	1
Duke Energy Vermillion, II LLC	Indiana	55111	7	1	1	2	0	0	1
Duke Energy Vermillion, II LLC	Indiana	55111	8	1	1	2	0	1	1
Edwardsport	Indiana	1004	6-1			1			
Edwardsport	Indiana	1004	7-1	289	91	123	154	18	71
Edwardsport	Indiana	1004	7-2	220	93	84	84	26	114
Edwardsport	Indiana	1004	8-1	227	104	131	164	24	88
F B Culley Generating Station	Indiana	1012	2	303	365	259	270	98	165
F B Culley Generating Station	Indiana	1012	3	757	664	775	668	325	601
Frank E Ratts	Indiana	1043	1SG1	742	901	940	519	418	359
Frank E Ratts	Indiana	1043	2SG1	397	845	872	926	487	470
Georgetown Substation	Indiana	7759	GT1	2	2	1	1	0	2
Georgetown Substation	Indiana	7759	GT2	3	1	2	0	1	3
Georgetown Substation	Indiana	7759	GT3	3	1	2	0	1	2
Georgetown Substation	Indiana	7759	GT4	4	2	2	0	0	2
Gibson	Indiana	6113	1	814	629	352	598	426	1,498
Gibson	Indiana	6113	2	769	591	1,050	888	700	1,203
Gibson	Indiana	6113	3	648	672	935	1,827	1,062	1,294
Gibson	Indiana	6113	4	819	963	778	512	574	546
Gibson	Indiana	6113	5	776	519	470	582	683	904
Harding Street Station (EW Stout)	Indiana	990	10	1	0	1	0	0	0
Harding Street Station (EW Stout)	Indiana	990	50	362	294	415	335	264	309
Harding Street Station (EW Stout)	Indiana	990	60	344	272	275	276	303	193
Harding Street Station (EW Stout)	Indiana	990	70	664	422	346	601	466	505

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Duke Energy Vermillion, II LLC	Indiana	55111	3	4					
Duke Energy Vermillion, II LLC	Indiana	55111	4	2					
Duke Energy Vermillion, II LLC	Indiana	55111	5	3					
Duke Energy Vermillion, II LLC	Indiana	55111	6	3					
Duke Energy Vermillion, II LLC	Indiana	55111	7	2					
Duke Energy Vermillion, II LLC	Indiana	55111	8	4					
Edwardsport	Indiana	1004	6-1	1					
Edwardsport	Indiana	1004	7-1	432					
Edwardsport	Indiana	1004	7-2	337					
Edwardsport	Indiana	1004	8-1	316					
F B Culley Generating Station	Indiana	1012	2	426					
F B Culley Generating Station	Indiana	1012	3	1,280					
Frank E Ratts	Indiana	1043	1SG1	940	550	506	506	451	
Frank E Ratts	Indiana	1043	2SG1	926	578	532	532	473	
Georgetown Substation	Indiana	7759	GT1	2					
Georgetown Substation	Indiana	7759	GT2	3					
Georgetown Substation	Indiana	7759	GT3	3					
Georgetown Substation	Indiana	7759	GT4	4					
Gibson	Indiana	6113	1	2,567					
Gibson	Indiana	6113	2	2,655					
Gibson	Indiana	6113	3	1,827					
Gibson	Indiana	6113	4	2,294					
Gibson	Indiana	6113	5	4,116					
Harding Street Station (EW Stout)	Indiana	990	10	1					
Harding Street Station (EW Stout)	Indiana	990	50	526					
Harding Street Station (EW Stout)	Indiana	990	60	478					
Harding Street Station (EW Stout)	Indiana	990	70	1,603					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Duke Energy Vermillion, II LLC	Indiana	55111	3				
Duke Energy Vermillion, II LLC	Indiana	55111	4				
Duke Energy Vermillion, II LLC	Indiana	55111	5				
Duke Energy Vermillion, II LLC	Indiana	55111	6				
Duke Energy Vermillion, II LLC	Indiana	55111	7				
Duke Energy Vermillion, II LLC	Indiana	55111	8				
Edwardsport	Indiana	1004	6-1				
Edwardsport	Indiana	1004	7-1				
Edwardsport	Indiana	1004	7-2				
Edwardsport	Indiana	1004	8-1				
F B Culley Generating Station	Indiana	1012	2				
F B Culley Generating Station	Indiana	1012	3				
Frank E Ratts	Indiana	1043	1SG1	451	451		
Frank E Ratts	Indiana	1043	2SG1	473	473		
Georgetown Substation	Indiana	7759	GT1				
Georgetown Substation	Indiana	7759	GT2				
Georgetown Substation	Indiana	7759	GT3				
Georgetown Substation	Indiana	7759	GT4				
Gibson	Indiana	6113	1				
Gibson	Indiana	6113	2				
Gibson	Indiana	6113	3				
Gibson	Indiana	6113	4				
Gibson	Indiana	6113	5				
Harding Street Station (EW Stout)	Indiana	990	10				
Harding Street Station (EW Stout)	Indiana	990	50				
Harding Street Station (EW Stout)	Indiana	990	60				
Harding Street Station (EW Stout)	Indiana	990	70				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Duke Energy Vermillion, II LLC	Indiana	55111	3				
Duke Energy Vermillion, II LLC	Indiana	55111	4				
Duke Energy Vermillion, II LLC	Indiana	55111	5				
Duke Energy Vermillion, II LLC	Indiana	55111	6				
Duke Energy Vermillion, II LLC	Indiana	55111	7				
Duke Energy Vermillion, II LLC	Indiana	55111	8				
Edwardsport	Indiana	1004	6-1				
Edwardsport	Indiana	1004	7-1				
Edwardsport	Indiana	1004	7-2				
Edwardsport	Indiana	1004	8-1				
F B Culley Generating Station	Indiana	1012	2				
F B Culley Generating Station	Indiana	1012	3				
Frank E Ratts	Indiana	1043	1SG1				
Frank E Ratts	Indiana	1043	2SG1				
Georgetown Substation	Indiana	7759	GT1				
Georgetown Substation	Indiana	7759	GT2				
Georgetown Substation	Indiana	7759	GT3				
Georgetown Substation	Indiana	7759	GT4				
Gibson	Indiana	6113	1				
Gibson	Indiana	6113	2				
Gibson	Indiana	6113	3				
Gibson	Indiana	6113	4				
Gibson	Indiana	6113	5				
Harding Street Station (EW Stout)	Indiana	990	10				
Harding Street Station (EW Stout)	Indiana	990	50				
Harding Street Station (EW Stout)	Indiana	990	60				
Harding Street Station (EW Stout)	Indiana	990	70				

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Duke Energy Vermillion, II LLC	Indiana	55111	3	Y	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	4	Y	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	5	Y	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	6	Y	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	7	Y	Y		Y		
Duke Energy Vermillion, II LLC	Indiana	55111	8	Y	Y		Y		
Edwardsport	Indiana	1004	6-1	Y	Y		Y		
Edwardsport	Indiana	1004	7-1	Y	Y		Y		
Edwardsport	Indiana	1004	7-2	Y	Y		Y		
Edwardsport	Indiana	1004	8-1	Y	Y		Y		
F B Culley Generating Station	Indiana	1012	2	Y	Y		Y		
F B Culley Generating Station	Indiana	1012	3	Y	Y		Y		
Frank E Ratts	Indiana	1043	1SG1	Y	Y		Y		
Frank E Ratts	Indiana	1043	2SG1	Y	Y		Y		
Georgetown Substation	Indiana	7759	GT1	Y	Y		Y		
Georgetown Substation	Indiana	7759	GT2	Y	Y		Y		
Georgetown Substation	Indiana	7759	GT3	Y	Y		Y		
Georgetown Substation	Indiana	7759	GT4	Y	Y		Y		
Gibson	Indiana	6113	1	Y	Y		Y		
Gibson	Indiana	6113	2	Y	Y		Y		
Gibson	Indiana	6113	3	Y	Y		Y		
Gibson	Indiana	6113	4	Y	Y		Y		
Gibson	Indiana	6113	5	Y	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	10	Y	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	50	Y	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	60	Y	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	70	Y	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Harding Street Station (EW Stout)	Indiana	990	9	681	2,406	14,231	1,828	5,579	35,457
Harding Street Station (EW Stout)	Indiana	990	GT4	682	127,623	150,835	69,563	13,220	255,962
Harding Street Station (EW Stout)	Indiana	990	GT5	683	123,840	142,164	70,136	27,382	244,404
Harding Street Station (EW Stout)	Indiana	990	GT6	684	489,736	533,034	230,406	52,227	494,499
Henry County Generating Station	Indiana	7763	1	3173	252,616	301,674	149,471	147,902	223,890
Henry County Generating Station	Indiana	7763	2	3174	244,845	306,042	148,526	142,436	215,326
Henry County Generating Station	Indiana	7763	3	3175	228,640	287,704	145,993	138,117	201,947
Hoosier Energy Lawrence Co Station	Indiana	7948	1	8410	63,546	122,050	59,465	34,570	92,027
Hoosier Energy Lawrence Co Station	Indiana	7948	2	8412	68,789	123,950	46,369	41,190	91,835
Hoosier Energy Lawrence Co Station	Indiana	7948	3	8414	67,881	121,658	46,696	31,527	97,927
Hoosier Energy Lawrence Co Station	Indiana	7948	4	8416	67,816	116,053	39,297	30,540	75,457
Hoosier Energy Lawrence Co Station	Indiana	7948	5	88290	64,746	92,784	33,043	45,480	68,290
Hoosier Energy Lawrence Co Station	Indiana	7948	6	88291	58,735	91,102	28,448	46,565	79,681
IPL Eagle Valley Generating Station	Indiana	991	1	685	16,945	9,016	3,703		40,435
IPL Eagle Valley Generating Station	Indiana	991	2	686	18,436	13,246	3,393		40,050
IPL Eagle Valley Generating Station	Indiana	991	3	687	2,294,459	2,528,823	1,999,013	243,010	1,195,363
IPL Eagle Valley Generating Station	Indiana	991	4	688	3,852,184	4,066,300	2,410,710	2,116,213	3,059,002
IPL Eagle Valley Generating Station	Indiana	991	5	689	3,090,191	3,272,709	2,661,976	2,250,724	2,825,779
IPL Eagle Valley Generating Station	Indiana	991	6	690	5,998,798	5,674,244	4,901,897	5,436,255	5,033,366
Lawrenceburg Energy Facility	Indiana	55502	1	8612	964,973	1,977,872	1,342,815	1,087,569	2,444,883
Lawrenceburg Energy Facility	Indiana	55502	2	8614	1,055,654	1,817,381	1,250,101	1,125,271	2,788,558
Lawrenceburg Energy Facility	Indiana	55502	3	8616	827,281	1,717,815	1,221,826	1,061,839	3,030,757
Lawrenceburg Energy Facility	Indiana	55502	4	8618	880,215	1,760,737	1,329,847	900,810	3,234,528
Merom	Indiana	6213	1SG1	2853	30,363,627	38,467,019	30,793,776	39,605,183	36,195,579
Merom	Indiana	6213	2SG1	2854	38,495,214	31,217,997	37,386,471	37,009,303	32,194,314
Michigan City Generating Station	Indiana	997	12	702	31,579,177	28,224,254	24,364,377	21,725,369	22,585,326
Michigan City Generating Station	Indiana	997	4	703					

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Harding Street Station (EW Stout)	Indiana	990	9	18,423	1,326,412,000	0.000014	282,039	161,456
Harding Street Station (EW Stout)	Indiana	990	GT4	178,140	1,326,412,000	0.000134	282,039	161,456
Harding Street Station (EW Stout)	Indiana	990	GT5	170,136	1,326,412,000	0.000128	282,039	161,456
Harding Street Station (EW Stout)	Indiana	990	GT6	505,756	1,326,412,000	0.000381	282,039	161,456
Henry County Generating Station	Indiana	7763	1	259,393	1,326,412,000	0.000196	282,039	161,456
Henry County Generating Station	Indiana	7763	2	255,404	1,326,412,000	0.000193	282,039	161,456
Henry County Generating Station	Indiana	7763	3	239,430	1,326,412,000	0.000181	282,039	161,456
Hoosier Energy Lawrence Co Station	Indiana	7948	1	92,541	1,326,412,000	0.000070	282,039	161,456
Hoosier Energy Lawrence Co Station	Indiana	7948	2	94,858	1,326,412,000	0.000072	282,039	161,456
Hoosier Energy Lawrence Co Station	Indiana	7948	3	95,822	1,326,412,000	0.000072	282,039	161,456
Hoosier Energy Lawrence Co Station	Indiana	7948	4	86,442	1,326,412,000	0.000065	282,039	161,456
Hoosier Energy Lawrence Co Station	Indiana	7948	5	75,273	1,326,412,000	0.000057	282,039	161,456
Hoosier Energy Lawrence Co Station	Indiana	7948	6	76,506	1,326,412,000	0.000058	282,039	161,456
IPL Eagle Valley Generating Station	Indiana	991	1	22,132	1,326,412,000	0.000017	282,039	161,456
IPL Eagle Valley Generating Station	Indiana	991	2	23,910	1,326,412,000	0.000018	282,039	161,456
IPL Eagle Valley Generating Station	Indiana	991	3	2,274,098	1,326,412,000	0.001714	282,039	161,456
IPL Eagle Valley Generating Station	Indiana	991	4	3,659,162	1,326,412,000	0.002759	282,039	161,456
IPL Eagle Valley Generating Station	Indiana	991	5	3,062,893	1,326,412,000	0.002309	282,039	161,456
IPL Eagle Valley Generating Station	Indiana	991	6	5,703,099	1,326,412,000	0.004300	282,039	161,456
Lawrenceburg Energy Facility	Indiana	55502	1	1,921,857	1,326,412,000	0.001449	282,039	161,456
Lawrenceburg Energy Facility	Indiana	55502	2	1,952,013	1,326,412,000	0.001472	282,039	161,456
Lawrenceburg Energy Facility	Indiana	55502	3	1,990,133	1,326,412,000	0.001500	282,039	161,456
Lawrenceburg Energy Facility	Indiana	55502	4	2,108,371	1,326,412,000	0.001590	282,039	161,456
Merom	Indiana	6213	1SG1	38,089,260	1,326,412,000	0.028716	282,039	161,456
Merom	Indiana	6213	2SG1	37,630,329	1,326,412,000	0.028370	282,039	161,456
Michigan City Generating Station	Indiana	997	12	28,055,936	1,326,412,000	0.021152	282,039	161,456
Michigan City Generating Station	Indiana	997	4		1,326,412,000		282,039	161,456

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Harding Street Station (EW Stout)	Indiana	990	9	106,434	105,171	4	2	1	1
Harding Street Station (EW Stout)	Indiana	990	GT4	106,434	105,171	38	22	14	14
Harding Street Station (EW Stout)	Indiana	990	GT5	106,434	105,171	36	21	14	13
Harding Street Station (EW Stout)	Indiana	990	GT6	106,434	105,171	108	62	41	40
Henry County Generating Station	Indiana	7763	1	106,434	105,171	55	32	21	21
Henry County Generating Station	Indiana	7763	2	106,434	105,171	54	31	20	20
Henry County Generating Station	Indiana	7763	3	106,434	105,171	51	29	19	19
Hoosier Energy Lawrence Co Station	Indiana	7948	1	106,434	105,171	20	11	7	7
Hoosier Energy Lawrence Co Station	Indiana	7948	2	106,434	105,171	20	12	8	8
Hoosier Energy Lawrence Co Station	Indiana	7948	3	106,434	105,171	20	12	8	8
Hoosier Energy Lawrence Co Station	Indiana	7948	4	106,434	105,171	18	11	7	7
Hoosier Energy Lawrence Co Station	Indiana	7948	5	106,434	105,171	16	9	6	6
Hoosier Energy Lawrence Co Station	Indiana	7948	6	106,434	105,171	16	9	6	6
IPL Eagle Valley Generating Station	Indiana	991	1	106,434	105,171	5	3	2	2
IPL Eagle Valley Generating Station	Indiana	991	2	106,434	105,171	5	3	2	2
IPL Eagle Valley Generating Station	Indiana	991	3	106,434	105,171	484	277	182	180
IPL Eagle Valley Generating Station	Indiana	991	4	106,434	105,171	778	445	294	290
IPL Eagle Valley Generating Station	Indiana	991	5	106,434	105,171	651	373	246	243
IPL Eagle Valley Generating Station	Indiana	991	6	106,434	105,171	1,213	694	458	452
Lawrenceburg Energy Facility	Indiana	55502	1	106,434	105,171	409	234	154	152
Lawrenceburg Energy Facility	Indiana	55502	2	106,434	105,171	415	238	157	155
Lawrenceburg Energy Facility	Indiana	55502	3	106,434	105,171	423	242	160	158
Lawrenceburg Energy Facility	Indiana	55502	4	106,434	105,171	448	257	169	167
Merom	Indiana	6213	1SG1	106,434	105,171	8,099	4,636	3,056	3,020
Merom	Indiana	6213	2SG1	106,434	105,171	8,001	4,581	3,020	2,984
Michigan City Generating Station	Indiana	997	12	106,434	105,171	5,966	3,415	2,251	2,225
Michigan City Generating Station	Indiana	997	4	106,434	105,171				

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Harding Street Station (EW Stout)	Indiana	990	9	0	0	0	0	0
Harding Street Station (EW Stout)	Indiana	990	GT4	2	1	1	0	0
Harding Street Station (EW Stout)	Indiana	990	GT5	2	1	2	0	0
Harding Street Station (EW Stout)	Indiana	990	GT6	0	0	0	0	0
Henry County Generating Station	Indiana	7763	1	0	0	0	0	0
Henry County Generating Station	Indiana	7763	2	0	0	0	0	0
Henry County Generating Station	Indiana	7763	3	0	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	1			0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	2			0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	3			0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	4			0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	5			0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	6			0	0	0
IPL Eagle Valley Generating Station	Indiana	991	1	0	1	0	0	0
IPL Eagle Valley Generating Station	Indiana	991	2	1	1	0	0	0
IPL Eagle Valley Generating Station	Indiana	991	3	2,730	2,919	3,010	2,291	2,701
IPL Eagle Valley Generating Station	Indiana	991	4	3,922	3,830	3,933	3,795	4,209
IPL Eagle Valley Generating Station	Indiana	991	5	3,538	3,967	3,862	3,017	3,378
IPL Eagle Valley Generating Station	Indiana	991	6	6,745	6,043	7,006	5,726	5,812
Lawrenceburg Energy Facility	Indiana	55502	1		0	0	0	1
Lawrenceburg Energy Facility	Indiana	55502	2		0	0	0	1
Lawrenceburg Energy Facility	Indiana	55502	3		0	0	0	1
Lawrenceburg Energy Facility	Indiana	55502	4		0	0	0	1
Merom	Indiana	6213	1SG1	6,645	6,499	9,778	6,785	6,679
Merom	Indiana	6213	2SG1	8,045	9,157	11,041	8,061	4,615
Michigan City Generating Station	Indiana	997	12	8,221	14,877	16,745	15,993	13,492
Michigan City Generating Station	Indiana	997	4					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Harding Street Station (EW Stout)	Indiana	990	9	0	0	1	1		
Harding Street Station (EW Stout)	Indiana	990	GT4	0	0	0	2		
Harding Street Station (EW Stout)	Indiana	990	GT5	1	0	0	2		
Harding Street Station (EW Stout)	Indiana	990	GT6	0	0	0	0		
Henry County Generating Station	Indiana	7763	1	0	0	0	0		
Henry County Generating Station	Indiana	7763	2	0	0	0	0		
Henry County Generating Station	Indiana	7763	3	0	0	0	0		
Hoosier Energy Lawrence Co Station	Indiana	7948	1	0	0	0	0		
Hoosier Energy Lawrence Co Station	Indiana	7948	2	0	0	0	0		
Hoosier Energy Lawrence Co Station	Indiana	7948	3	0	0	0	0		
Hoosier Energy Lawrence Co Station	Indiana	7948	4	0	0	0	0		
Hoosier Energy Lawrence Co Station	Indiana	7948	5	0	0	0	0		
Hoosier Energy Lawrence Co Station	Indiana	7948	6	0	0	0	0		
IPL Eagle Valley Generating Station	Indiana	991	1	0		1	1		
IPL Eagle Valley Generating Station	Indiana	991	2	0		1	1		
IPL Eagle Valley Generating Station	Indiana	991	3	2,161	273	1,172	3,010		
IPL Eagle Valley Generating Station	Indiana	991	4	2,635	2,319	3,027	4,209		
IPL Eagle Valley Generating Station	Indiana	991	5	2,915	2,486	2,877	3,967		
IPL Eagle Valley Generating Station	Indiana	991	6	5,375	6,013	5,188	7,006		
Lawrenceburg Energy Facility	Indiana	55502	1	0	0	1	1		
Lawrenceburg Energy Facility	Indiana	55502	2	0	0	1	1		
Lawrenceburg Energy Facility	Indiana	55502	3	0	0	1	1		
Lawrenceburg Energy Facility	Indiana	55502	4	0	0	1	1		
Merom	Indiana	6213	1SG1	5,649	7,077	6,271	9,778		
Merom	Indiana	6213	2SG1	6,898	7,552	5,669	11,041		
Michigan City Generating Station	Indiana	997	12	11,113	9,430	9,730	16,745		
Michigan City Generating Station	Indiana	997	4				0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Harding Street Station (EW Stout)	Indiana	990	9					2	0
Harding Street Station (EW Stout)	Indiana	990	GT4					13	8
Harding Street Station (EW Stout)	Indiana	990	GT5					12	8
Harding Street Station (EW Stout)	Indiana	990	GT6					2	1
Henry County Generating Station	Indiana	7763	1					3	8
Henry County Generating Station	Indiana	7763	2					4	7
Henry County Generating Station	Indiana	7763	3					3	8
Hoosier Energy Lawrence Co Station	Indiana	7948	1						
Hoosier Energy Lawrence Co Station	Indiana	7948	2						
Hoosier Energy Lawrence Co Station	Indiana	7948	3						
Hoosier Energy Lawrence Co Station	Indiana	7948	4						
Hoosier Energy Lawrence Co Station	Indiana	7948	5						
Hoosier Energy Lawrence Co Station	Indiana	7948	6						
IPL Eagle Valley Generating Station	Indiana	991	1					1	0
IPL Eagle Valley Generating Station	Indiana	991	2					2	0
IPL Eagle Valley Generating Station	Indiana	991	3					1,064	952
IPL Eagle Valley Generating Station	Indiana	991	4					1,517	1,131
IPL Eagle Valley Generating Station	Indiana	991	5					668	759
IPL Eagle Valley Generating Station	Indiana	991	6					1,176	914
Lawrenceburg Energy Facility	Indiana	55502	1						1
Lawrenceburg Energy Facility	Indiana	55502	2						0
Lawrenceburg Energy Facility	Indiana	55502	3						2
Lawrenceburg Energy Facility	Indiana	55502	4						1
Merom	Indiana	6213	1SG1					6,220	4,111
Merom	Indiana	6213	2SG1					6,761	5,670
Michigan City Generating Station	Indiana	997	12					7,799	6,992
Michigan City Generating Station	Indiana	997	4						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Harding Street Station (EW Stout)	Indiana	990	9	0	0	1	0	1
Harding Street Station (EW Stout)	Indiana	990	GT4	17	8	10	5	1
Harding Street Station (EW Stout)	Indiana	990	GT5	23	8	9	5	2
Harding Street Station (EW Stout)	Indiana	990	GT6	9	6	7	3	1
Henry County Generating Station	Indiana	7763	1	16	11	14	7	6
Henry County Generating Station	Indiana	7763	2	16	10	13	6	6
Henry County Generating Station	Indiana	7763	3	17	10	13	6	6
Hoosier Energy Lawrence Co Station	Indiana	7948	1	8	2	4	2	1
Hoosier Energy Lawrence Co Station	Indiana	7948	2	9	3	5	2	2
Hoosier Energy Lawrence Co Station	Indiana	7948	3	9	3	5	2	1
Hoosier Energy Lawrence Co Station	Indiana	7948	4	8	2	4	1	1
Hoosier Energy Lawrence Co Station	Indiana	7948	5	7	2	3	1	1
Hoosier Energy Lawrence Co Station	Indiana	7948	6	11	3	5	1	2
IPL Eagle Valley Generating Station	Indiana	991	1	1	1	1	0	
IPL Eagle Valley Generating Station	Indiana	991	2	2	2	1	0	
IPL Eagle Valley Generating Station	Indiana	991	3	868	627	734	589	64
IPL Eagle Valley Generating Station	Indiana	991	4	1,045	873	860	607	368
IPL Eagle Valley Generating Station	Indiana	991	5	608	468	468	402	309
IPL Eagle Valley Generating Station	Indiana	991	6	1,012	927	815	749	720
Lawrenceburg Energy Facility	Indiana	55502	1	6	9	18	14	10
Lawrenceburg Energy Facility	Indiana	55502	2	6	8	14	10	9
Lawrenceburg Energy Facility	Indiana	55502	3	8	7	15	12	10
Lawrenceburg Energy Facility	Indiana	55502	4	8	7	14	12	7
Merom	Indiana	6213	1SG1	5,096	3,425	3,954	3,257	1,939
Merom	Indiana	6213	2SG1	4,948	4,383	3,321	3,899	2,282
Michigan City Generating Station	Indiana	997	12	5,069	6,232	5,389	3,877	1,096
Michigan City Generating Station	Indiana	997	4					

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Harding Street Station (EW Stout)	Indiana	990	9	3	3				
Harding Street Station (EW Stout)	Indiana	990	GT4	22	22				
Harding Street Station (EW Stout)	Indiana	990	GT5	19	23				
Harding Street Station (EW Stout)	Indiana	990	GT6	7	9				
Henry County Generating Station	Indiana	7763	1	10	16				
Henry County Generating Station	Indiana	7763	2	9	16				
Henry County Generating Station	Indiana	7763	3	9	17				
Hoosier Energy Lawrence Co Station	Indiana	7948	1	4	8				
Hoosier Energy Lawrence Co Station	Indiana	7948	2	4	9				
Hoosier Energy Lawrence Co Station	Indiana	7948	3	4	9				
Hoosier Energy Lawrence Co Station	Indiana	7948	4	3	8				
Hoosier Energy Lawrence Co Station	Indiana	7948	5	3	7				
Hoosier Energy Lawrence Co Station	Indiana	7948	6	4	11				
IPL Eagle Valley Generating Station	Indiana	991	1	2	2				
IPL Eagle Valley Generating Station	Indiana	991	2	3	3				
IPL Eagle Valley Generating Station	Indiana	991	3	263	1,064				
IPL Eagle Valley Generating Station	Indiana	991	4	535	1,517				
IPL Eagle Valley Generating Station	Indiana	991	5	348	759				
IPL Eagle Valley Generating Station	Indiana	991	6	616	1,176				
Lawrenceburg Energy Facility	Indiana	55502	1	17	18				
Lawrenceburg Energy Facility	Indiana	55502	2	16	16				
Lawrenceburg Energy Facility	Indiana	55502	3	21	21				
Lawrenceburg Energy Facility	Indiana	55502	4	19	19				
Merom	Indiana	6213	1SG1	2,177	6,220	2,384	2,192	2,192	1,950
Merom	Indiana	6213	2SG1	1,839	6,761	2,357	2,165	2,165	1,926
Michigan City Generating Station	Indiana	997	12	1,160	7,799		2,112	2,068	1,977
Michigan City Generating Station	Indiana	997	4		0		0	0	0

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)
Harding Street Station (EW Stout)	Indiana	990	9			1	1
Harding Street Station (EW Stout)	Indiana	990	GT4			2	2
Harding Street Station (EW Stout)	Indiana	990	GT5			2	2
Harding Street Station (EW Stout)	Indiana	990	GT6			0	0
Henry County Generating Station	Indiana	7763	1			0	0
Henry County Generating Station	Indiana	7763	2			0	0
Henry County Generating Station	Indiana	7763	3			0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	1			0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	2			0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	3			0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	4			0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	5			0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	6			0	0
IPL Eagle Valley Generating Station	Indiana	991	1			1	1
IPL Eagle Valley Generating Station	Indiana	991	2			1	1
IPL Eagle Valley Generating Station	Indiana	991	3			517	523
IPL Eagle Valley Generating Station	Indiana	991	4			831	841
IPL Eagle Valley Generating Station	Indiana	991	5			696	704
IPL Eagle Valley Generating Station	Indiana	991	6			1,296	1,311
Lawrenceburg Energy Facility	Indiana	55502	1			1	1
Lawrenceburg Energy Facility	Indiana	55502	2			1	1
Lawrenceburg Energy Facility	Indiana	55502	3			1	1
Lawrenceburg Energy Facility	Indiana	55502	4			1	1
Merom	Indiana	6213	1SG1	1,950	1,950	8,652	8,753
Merom	Indiana	6213	2SG1	1,926	1,926	8,548	8,648
Michigan City Generating Station	Indiana	997	12	1,977	1,977	6,373	6,447
Michigan City Generating Station	Indiana	997	4	0	0	0	0

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Harding Street Station (EW Stout)	Indiana	990	9	1	1	1	1
Harding Street Station (EW Stout)	Indiana	990	GT4	2	2	2	2
Harding Street Station (EW Stout)	Indiana	990	GT5	2	2	2	2
Harding Street Station (EW Stout)	Indiana	990	GT6	0	0	0	0
Henry County Generating Station	Indiana	7763	1	0	0	0	0
Henry County Generating Station	Indiana	7763	2	0	0	0	0
Henry County Generating Station	Indiana	7763	3	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	1	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	2	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	3	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	4	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	5	0	0	0	0
Hoosier Energy Lawrence Co Station	Indiana	7948	6	0	0	0	0
IPL Eagle Valley Generating Station	Indiana	991	1	1	1	1	1
IPL Eagle Valley Generating Station	Indiana	991	2	1	1	1	1
IPL Eagle Valley Generating Station	Indiana	991	3	293	293	293	293
IPL Eagle Valley Generating Station	Indiana	991	4	471	471	471	471
IPL Eagle Valley Generating Station	Indiana	991	5	394	394	394	394
IPL Eagle Valley Generating Station	Indiana	991	6	734	734	734	734
Lawrenceburg Energy Facility	Indiana	55502	1	1	1	1	1
Lawrenceburg Energy Facility	Indiana	55502	2	1	1	1	1
Lawrenceburg Energy Facility	Indiana	55502	3	1	1	1	1
Lawrenceburg Energy Facility	Indiana	55502	4	1	1	1	1
Merom	Indiana	6213	1SG1	4,904	4,904	4,904	4,904
Merom	Indiana	6213	2SG1	4,845	4,845	4,845	4,845
Michigan City Generating Station	Indiana	997	12	3,612	3,612	3,612	3,612
Michigan City Generating Station	Indiana	997	4	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Harding Street Station (EW Stout)	Indiana	990	9				
Harding Street Station (EW Stout)	Indiana	990	GT4				
Harding Street Station (EW Stout)	Indiana	990	GT5				
Harding Street Station (EW Stout)	Indiana	990	GT6				
Henry County Generating Station	Indiana	7763	1				
Henry County Generating Station	Indiana	7763	2				
Henry County Generating Station	Indiana	7763	3				
Hoosier Energy Lawrence Co Station	Indiana	7948	1				
Hoosier Energy Lawrence Co Station	Indiana	7948	2				
Hoosier Energy Lawrence Co Station	Indiana	7948	3				
Hoosier Energy Lawrence Co Station	Indiana	7948	4				
Hoosier Energy Lawrence Co Station	Indiana	7948	5				
Hoosier Energy Lawrence Co Station	Indiana	7948	6				
IPL Eagle Valley Generating Station	Indiana	991	1				
IPL Eagle Valley Generating Station	Indiana	991	2				
IPL Eagle Valley Generating Station	Indiana	991	3				
IPL Eagle Valley Generating Station	Indiana	991	4				
IPL Eagle Valley Generating Station	Indiana	991	5				
IPL Eagle Valley Generating Station	Indiana	991	6				
Lawrenceburg Energy Facility	Indiana	55502	1				
Lawrenceburg Energy Facility	Indiana	55502	2				
Lawrenceburg Energy Facility	Indiana	55502	3				
Lawrenceburg Energy Facility	Indiana	55502	4				
Merom	Indiana	6213	1SG1				
Merom	Indiana	6213	2SG1				
Michigan City Generating Station	Indiana	997	12				
Michigan City Generating Station	Indiana	997	4				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Harding Street Station (EW Stout)	Indiana	990	9			2,324	13,001	1,351
Harding Street Station (EW Stout)	Indiana	990	GT4			108,395	109,071	48,063
Harding Street Station (EW Stout)	Indiana	990	GT5			100,215	101,879	52,117
Harding Street Station (EW Stout)	Indiana	990	GT6			360,925	377,448	204,319
Henry County Generating Station	Indiana	7763	1			161,763	124,450	74,880
Henry County Generating Station	Indiana	7763	2			158,047	131,701	73,903
Henry County Generating Station	Indiana	7763	3			150,968	114,966	73,806
Hoosier Energy Lawrence Co Station	Indiana	7948	1			54,712	110,377	47,785
Hoosier Energy Lawrence Co Station	Indiana	7948	2			62,736	118,092	38,955
Hoosier Energy Lawrence Co Station	Indiana	7948	3			61,369	110,924	37,202
Hoosier Energy Lawrence Co Station	Indiana	7948	4			61,484	110,746	32,625
Hoosier Energy Lawrence Co Station	Indiana	7948	5			59,975	86,234	23,803
Hoosier Energy Lawrence Co Station	Indiana	7948	6			50,989	81,664	18,903
IPL Eagle Valley Generating Station	Indiana	991	1			16,945	6,006	3,703
IPL Eagle Valley Generating Station	Indiana	991	2			18,436	9,771	3,393
IPL Eagle Valley Generating Station	Indiana	991	3			1,085,159	966,897	569,249
IPL Eagle Valley Generating Station	Indiana	991	4			1,611,950	1,829,305	779,149
IPL Eagle Valley Generating Station	Indiana	991	5			1,335,633	1,455,862	1,036,019
IPL Eagle Valley Generating Station	Indiana	991	6			2,279,977	2,366,186	1,650,057
Lawrenceburg Energy Facility	Indiana	55502	1			923,848	1,456,625	1,073,682
Lawrenceburg Energy Facility	Indiana	55502	2			1,021,716	1,412,481	1,003,629
Lawrenceburg Energy Facility	Indiana	55502	3			791,520	1,364,973	919,313
Lawrenceburg Energy Facility	Indiana	55502	4			835,389	1,426,271	920,629
Merom	Indiana	6213	1SG1			11,791,501	15,579,698	13,860,107
Merom	Indiana	6213	2SG1			16,002,867	15,271,469	15,550,163
Michigan City Generating Station	Indiana	997	12			14,359,090	12,129,718	13,653,280
Michigan City Generating Station	Indiana	997	4					

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Harding Street Station (EW Stout)	Indiana	990	9	5,536	14,568	11,035	574,501,876	0.000019
Harding Street Station (EW Stout)	Indiana	990	GT4	7,073	214,512	143,993	574,501,876	0.000251
Harding Street Station (EW Stout)	Indiana	990	GT5	14,207	207,308	136,467	574,501,876	0.000238
Harding Street Station (EW Stout)	Indiana	990	GT6	42,302	416,730	385,035	574,501,876	0.000670
Henry County Generating Station	Indiana	7763	1	48,910	155,122	147,112	574,501,876	0.000256
Henry County Generating Station	Indiana	7763	2	47,947	150,331	146,693	574,501,876	0.000255
Henry County Generating Station	Indiana	7763	3	47,207	139,030	134,988	574,501,876	0.000235
Hoosier Energy Lawrence Co Station	Indiana	7948	1	11,818	82,379	82,490	574,501,876	0.000144
Hoosier Energy Lawrence Co Station	Indiana	7948	2	16,854	80,566	87,132	574,501,876	0.000152
Hoosier Energy Lawrence Co Station	Indiana	7948	3	16,104	88,727	87,007	574,501,876	0.000151
Hoosier Energy Lawrence Co Station	Indiana	7948	4	10,723	67,556	79,929	574,501,876	0.000139
Hoosier Energy Lawrence Co Station	Indiana	7948	5	10,619	56,966	67,725	574,501,876	0.000118
Hoosier Energy Lawrence Co Station	Indiana	7948	6	12,823	66,725	66,459	574,501,876	0.000116
IPL Eagle Valley Generating Station	Indiana	991	1		39,553	20,834	574,501,876	0.000036
IPL Eagle Valley Generating Station	Indiana	991	2		39,433	22,547	574,501,876	0.000039
IPL Eagle Valley Generating Station	Indiana	991	3	193,226	756,879	936,312	574,501,876	0.001630
IPL Eagle Valley Generating Station	Indiana	991	4	897,325	1,572,658	1,671,305	574,501,876	0.002909
IPL Eagle Valley Generating Station	Indiana	991	5	920,197	1,217,245	1,336,247	574,501,876	0.002326
IPL Eagle Valley Generating Station	Indiana	991	6	2,077,246	1,545,855	2,241,136	574,501,876	0.003901
Lawrenceburg Energy Facility	Indiana	55502	1	812,913	1,684,927	1,405,078	574,501,876	0.002446
Lawrenceburg Energy Facility	Indiana	55502	2	970,944	1,780,319	1,404,839	574,501,876	0.002445
Lawrenceburg Energy Facility	Indiana	55502	3	872,633	1,973,188	1,419,158	574,501,876	0.002470
Lawrenceburg Energy Facility	Indiana	55502	4	721,731	2,179,245	1,508,715	574,501,876	0.002626
Merom	Indiana	6213	1SG1	15,848,158	11,643,442	15,095,987	574,501,876	0.026277
Merom	Indiana	6213	2SG1	15,329,551	15,810,167	15,787,732	574,501,876	0.027481
Michigan City Generating Station	Indiana	997	12	12,327,041	12,416,848	13,476,406	574,501,876	0.023458
Michigan City Generating Station	Indiana	997	4				574,501,876	

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Harding Street Station (EW Stout)	Indiana	990	9	45,470	44,790	1	1	0	0
Harding Street Station (EW Stout)	Indiana	990	GT4	45,470	44,790	11	11	5	4
Harding Street Station (EW Stout)	Indiana	990	GT5	45,470	44,790	11	11	6	3
Harding Street Station (EW Stout)	Indiana	990	GT6	45,470	44,790	30	30	2	1
Henry County Generating Station	Indiana	7763	1	45,470	44,790	12	11	3	4
Henry County Generating Station	Indiana	7763	2	45,470	44,790	12	11	3	4
Henry County Generating Station	Indiana	7763	3	45,470	44,790	11	11	3	4
Hoosier Energy Lawrence Co Station	Indiana	7948	1	45,470	44,790	7	6		
Hoosier Energy Lawrence Co Station	Indiana	7948	2	45,470	44,790	7	7		
Hoosier Energy Lawrence Co Station	Indiana	7948	3	45,470	44,790	7	7		
Hoosier Energy Lawrence Co Station	Indiana	7948	4	45,470	44,790	6	6		
Hoosier Energy Lawrence Co Station	Indiana	7948	5	45,470	44,790	5	5		
Hoosier Energy Lawrence Co Station	Indiana	7948	6	45,470	44,790	5	5		
IPL Eagle Valley Generating Station	Indiana	991	1	45,470	44,790	2	2	1	0
IPL Eagle Valley Generating Station	Indiana	991	2	45,470	44,790	2	2	1	0
IPL Eagle Valley Generating Station	Indiana	991	3	45,470	44,790	74	73	414	268
IPL Eagle Valley Generating Station	Indiana	991	4	45,470	44,790	132	130	573	298
IPL Eagle Valley Generating Station	Indiana	991	5	45,470	44,790	106	104	272	234
IPL Eagle Valley Generating Station	Indiana	991	6	45,470	44,790	177	175	504	398
Lawrenceburg Energy Facility	Indiana	55502	1	45,470	44,790	111	110		0
Lawrenceburg Energy Facility	Indiana	55502	2	45,470	44,790	111	110		0
Lawrenceburg Energy Facility	Indiana	55502	3	45,470	44,790	112	111		2
Lawrenceburg Energy Facility	Indiana	55502	4	45,470	44,790	119	118		1
Merom	Indiana	6213	1SG1	45,470	44,790	1,195	1,177	3,013	1,216
Merom	Indiana	6213	2SG1	45,470	44,790	1,250	1,231	2,388	756
Michigan City Generating Station	Indiana	997	12	45,470	44,790	1,067	1,051	2,534	829
Michigan City Generating Station	Indiana	997	4	45,470	44,790				

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Harding Street Station (EW Stout)	Indiana	990	9	0	0	1	0	1	1
Harding Street Station (EW Stout)	Indiana	990	GT4	11	7	7	4	1	18
Harding Street Station (EW Stout)	Indiana	990	GT5	10	6	6	4	1	16
Harding Street Station (EW Stout)	Indiana	990	GT6	5	4	5	3	1	6
Henry County Generating Station	Indiana	7763	1	10	7	5	3	2	7
Henry County Generating Station	Indiana	7763	2	10	6	6	3	2	6
Henry County Generating Station	Indiana	7763	3	11	7	5	3	2	6
Hoosier Energy Lawrence Co Station	Indiana	7948	1	5	2	4	2	0	3
Hoosier Energy Lawrence Co Station	Indiana	7948	2	6	3	5	2	1	3
Hoosier Energy Lawrence Co Station	Indiana	7948	3	7	3	5	2	1	4
Hoosier Energy Lawrence Co Station	Indiana	7948	4	5	2	4	1	0	3
Hoosier Energy Lawrence Co Station	Indiana	7948	5	4	2	3	1	0	2
Hoosier Energy Lawrence Co Station	Indiana	7948	6	6	3	4	1	1	3
IPL Eagle Valley Generating Station	Indiana	991	1	1	1	0	0		2
IPL Eagle Valley Generating Station	Indiana	991	2	2	2	1	0		3
IPL Eagle Valley Generating Station	Indiana	991	3	247	280	280	141	50	156
IPL Eagle Valley Generating Station	Indiana	991	4	326	346	368	169	167	279
IPL Eagle Valley Generating Station	Indiana	991	5	189	190	212	156	124	147
IPL Eagle Valley Generating Station	Indiana	991	6	348	328	344	256	265	186
Lawrenceburg Energy Facility	Indiana	55502	1	5	8	13	11	7	12
Lawrenceburg Energy Facility	Indiana	55502	2	4	8	10	8	7	11
Lawrenceburg Energy Facility	Indiana	55502	3	8	7	11	9	7	14
Lawrenceburg Energy Facility	Indiana	55502	4	7	6	10	8	6	13
Merom	Indiana	6213	1SG1	809	546	791	939	777	642
Merom	Indiana	6213	2SG1	991	842	834	797	948	833
Michigan City Generating Station	Indiana	997	12	689	891	660	639	585	587
Michigan City Generating Station	Indiana	997	4						

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Harding Street Station (EW Stout)	Indiana	990	9	1					
Harding Street Station (EW Stout)	Indiana	990	GT4	18					
Harding Street Station (EW Stout)	Indiana	990	GT5	16					
Harding Street Station (EW Stout)	Indiana	990	GT6	6					
Henry County Generating Station	Indiana	7763	1	10					
Henry County Generating Station	Indiana	7763	2	10					
Henry County Generating Station	Indiana	7763	3	11					
Hoosier Energy Lawrence Co Station	Indiana	7948	1	5					
Hoosier Energy Lawrence Co Station	Indiana	7948	2	6					
Hoosier Energy Lawrence Co Station	Indiana	7948	3	7					
Hoosier Energy Lawrence Co Station	Indiana	7948	4	5					
Hoosier Energy Lawrence Co Station	Indiana	7948	5	4					
Hoosier Energy Lawrence Co Station	Indiana	7948	6	6					
IPL Eagle Valley Generating Station	Indiana	991	1	2					
IPL Eagle Valley Generating Station	Indiana	991	2	3					
IPL Eagle Valley Generating Station	Indiana	991	3	414					
IPL Eagle Valley Generating Station	Indiana	991	4	573					
IPL Eagle Valley Generating Station	Indiana	991	5	272					
IPL Eagle Valley Generating Station	Indiana	991	6	504					
Lawrenceburg Energy Facility	Indiana	55502	1	13					
Lawrenceburg Energy Facility	Indiana	55502	2	11					
Lawrenceburg Energy Facility	Indiana	55502	3	14					
Lawrenceburg Energy Facility	Indiana	55502	4	13					
Merom	Indiana	6213	1SG1	3,013	2,384	2,192	2,192	1,950	
Merom	Indiana	6213	2SG1	2,388	2,357	2,165	2,165	1,926	
Michigan City Generating Station	Indiana	997	12	2,534		2,112	2,068	1,977	
Michigan City Generating Station	Indiana	997	4	0		0	0	0	

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Harding Street Station (EW Stout)	Indiana	990	9				
Harding Street Station (EW Stout)	Indiana	990	GT4				
Harding Street Station (EW Stout)	Indiana	990	GT5				
Harding Street Station (EW Stout)	Indiana	990	GT6				
Henry County Generating Station	Indiana	7763	1				
Henry County Generating Station	Indiana	7763	2				
Henry County Generating Station	Indiana	7763	3				
Hoosier Energy Lawrence Co Station	Indiana	7948	1				
Hoosier Energy Lawrence Co Station	Indiana	7948	2				
Hoosier Energy Lawrence Co Station	Indiana	7948	3				
Hoosier Energy Lawrence Co Station	Indiana	7948	4				
Hoosier Energy Lawrence Co Station	Indiana	7948	5				
Hoosier Energy Lawrence Co Station	Indiana	7948	6				
IPL Eagle Valley Generating Station	Indiana	991	1				
IPL Eagle Valley Generating Station	Indiana	991	2				
IPL Eagle Valley Generating Station	Indiana	991	3				
IPL Eagle Valley Generating Station	Indiana	991	4				
IPL Eagle Valley Generating Station	Indiana	991	5				
IPL Eagle Valley Generating Station	Indiana	991	6				
Lawrenceburg Energy Facility	Indiana	55502	1				
Lawrenceburg Energy Facility	Indiana	55502	2				
Lawrenceburg Energy Facility	Indiana	55502	3				
Lawrenceburg Energy Facility	Indiana	55502	4				
Merom	Indiana	6213	1SG1	1,950	1,950		
Merom	Indiana	6213	2SG1	1,926	1,926		
Michigan City Generating Station	Indiana	997	12	1,977	1,977		
Michigan City Generating Station	Indiana	997	4	0	0		

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Harding Street Station (EW Stout)	Indiana	990	9				
Harding Street Station (EW Stout)	Indiana	990	GT4				
Harding Street Station (EW Stout)	Indiana	990	GT5				
Harding Street Station (EW Stout)	Indiana	990	GT6				
Henry County Generating Station	Indiana	7763	1				
Henry County Generating Station	Indiana	7763	2				
Henry County Generating Station	Indiana	7763	3				
Hoosier Energy Lawrence Co Station	Indiana	7948	1				
Hoosier Energy Lawrence Co Station	Indiana	7948	2				
Hoosier Energy Lawrence Co Station	Indiana	7948	3				
Hoosier Energy Lawrence Co Station	Indiana	7948	4				
Hoosier Energy Lawrence Co Station	Indiana	7948	5				
Hoosier Energy Lawrence Co Station	Indiana	7948	6				
IPL Eagle Valley Generating Station	Indiana	991	1				
IPL Eagle Valley Generating Station	Indiana	991	2				
IPL Eagle Valley Generating Station	Indiana	991	3				
IPL Eagle Valley Generating Station	Indiana	991	4				
IPL Eagle Valley Generating Station	Indiana	991	5				
IPL Eagle Valley Generating Station	Indiana	991	6				
Lawrenceburg Energy Facility	Indiana	55502	1				
Lawrenceburg Energy Facility	Indiana	55502	2				
Lawrenceburg Energy Facility	Indiana	55502	3				
Lawrenceburg Energy Facility	Indiana	55502	4				
Merom	Indiana	6213	1SG1				
Merom	Indiana	6213	2SG1				
Michigan City Generating Station	Indiana	997	12				
Michigan City Generating Station	Indiana	997	4				

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Harding Street Station (EW Stout)	Indiana	990	9	Y	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	GT4	Y	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	GT5	Y	Y		Y		
Harding Street Station (EW Stout)	Indiana	990	GT6	Y	Y		Y		
Henry County Generating Station	Indiana	7763	1	Y	Y		Y		
Henry County Generating Station	Indiana	7763	2	Y	Y		Y		
Henry County Generating Station	Indiana	7763	3	Y	Y		Y		
Hoosier Energy Lawrence Co Station	Indiana	7948	1	Y	Y		Y		
Hoosier Energy Lawrence Co Station	Indiana	7948	2	Y	Y		Y		
Hoosier Energy Lawrence Co Station	Indiana	7948	3	Y	Y		Y		
Hoosier Energy Lawrence Co Station	Indiana	7948	4	Y	Y		Y		
Hoosier Energy Lawrence Co Station	Indiana	7948	5	Y	Y		Y		
Hoosier Energy Lawrence Co Station	Indiana	7948	6	Y	Y		Y		
IPL Eagle Valley Generating Station	Indiana	991	1	Y	Y		Y		
IPL Eagle Valley Generating Station	Indiana	991	2	Y	Y		Y		
IPL Eagle Valley Generating Station	Indiana	991	3	Y	Y		Y		
IPL Eagle Valley Generating Station	Indiana	991	4	Y	Y		Y		
IPL Eagle Valley Generating Station	Indiana	991	5	Y	Y		Y		
IPL Eagle Valley Generating Station	Indiana	991	6	Y	Y		Y		
Lawrenceburg Energy Facility	Indiana	55502	1	Y	Y		Y		
Lawrenceburg Energy Facility	Indiana	55502	2	Y	Y		Y		
Lawrenceburg Energy Facility	Indiana	55502	3	Y	Y		Y		
Lawrenceburg Energy Facility	Indiana	55502	4	Y	Y		Y		
Merom	Indiana	6213	1SG1	Y	Y		Y		
Merom	Indiana	6213	2SG1	Y	Y		Y		
Michigan City Generating Station	Indiana	997	12	Y	Y		Y		
Michigan City Generating Station	Indiana	997	4	Y	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Michigan City Generating Station	Indiana	997	5	704					
Michigan City Generating Station	Indiana	997	6	705					
Montpelier Electric Gen Station	Indiana	55229	G1CT1	4220	61,514	88,279	69,303	46,840	131,221
Montpelier Electric Gen Station	Indiana	55229	G1CT2	4221	62,279	94,959	75,231	55,790	163,204
Montpelier Electric Gen Station	Indiana	55229	G2CT1	4222	65,578	102,677	86,552	46,684	123,462
Montpelier Electric Gen Station	Indiana	55229	G2CT2	4223	64,240	91,648	88,566	39,309	126,002
Montpelier Electric Gen Station	Indiana	55229	G3CT1	4224	63,243	92,345	84,478	49,766	130,948
Montpelier Electric Gen Station	Indiana	55229	G3CT2	4225	63,108	88,200	70,791	46,686	126,838
Montpelier Electric Gen Station	Indiana	55229	G4CT1	4226	62,194	87,510	68,178	44,702	129,800
Montpelier Electric Gen Station	Indiana	55229	G4CT2	4227	48,318	93,164	72,500	43,806	125,417
Noblesville	Indiana	1007	CT3	8288	481,511	1,057,951	1,062,239	354,403	558,403
Noblesville	Indiana	1007	CT4	8290	464,174	1,125,506	1,108,491	368,198	603,288
Noblesville	Indiana	1007	CT5	8292	374,694	1,137,780	1,168,711	374,125	733,374
Petersburg	Indiana	994	1	692	17,708,186	16,498,818	15,933,258	13,668,793	14,831,995
Petersburg	Indiana	994	2	693	31,749,068	26,939,921	29,183,290	24,268,075	27,674,837
Petersburg	Indiana	994	3	694	31,106,845	45,038,649	41,778,485	37,457,448	40,859,142
Petersburg	Indiana	994	4	695	44,451,698	38,983,599	38,262,884	39,705,029	39,017,173
Portside Energy	Indiana	55096	GT	9950	4,216,029	2,204,783	1,943,933	3,167,804	1,394,502
R Gallagher	Indiana	1008	1	716	6,370,014	6,744,217	6,449,682	3,463,838	5,200,629
R Gallagher	Indiana	1008	2	717	6,084,497	7,199,375	8,222,683	5,509,921	6,656,589
R Gallagher	Indiana	1008	3	718	6,794,400	8,262,062	5,621,334	4,635,930	4,239,470
R Gallagher	Indiana	1008	4	719	6,226,224	8,793,010	5,934,792	3,912,343	6,117,993
R M Schahfer Generating Station	Indiana	6085	14	2762	30,851,369	26,510,130	30,093,217	27,104,480	29,300,551
R M Schahfer Generating Station	Indiana	6085	15	2763	28,979,732	35,621,018	34,073,148	26,031,104	36,760,430
R M Schahfer Generating Station	Indiana	6085	16A	9095	80,613	22,047	65,293	39,256	101,815
R M Schahfer Generating Station	Indiana	6085	16B	9096	76,944	47,536	203,041	36,530	99,154
R M Schahfer Generating Station	Indiana	6085	17	2764	27,550,664	29,373,394	23,979,349	27,783,636	21,036,217

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Michigan City Generating Station	Indiana	997	5		1,326,412,000		282,039	161,456
Michigan City Generating Station	Indiana	997	6		1,326,412,000		282,039	161,456
Montpelier Electric Gen Station	Indiana	55229	G1CT1	96,268	1,326,412,000	0.000073	282,039	161,456
Montpelier Electric Gen Station	Indiana	55229	G1CT2	111,131	1,326,412,000	0.000084	282,039	161,456
Montpelier Electric Gen Station	Indiana	55229	G2CT1	104,230	1,326,412,000	0.000079	282,039	161,456
Montpelier Electric Gen Station	Indiana	55229	G2CT2	102,072	1,326,412,000	0.000077	282,039	161,456
Montpelier Electric Gen Station	Indiana	55229	G3CT1	102,590	1,326,412,000	0.000077	282,039	161,456
Montpelier Electric Gen Station	Indiana	55229	G3CT2	95,276	1,326,412,000	0.000072	282,039	161,456
Montpelier Electric Gen Station	Indiana	55229	G4CT1	95,163	1,326,412,000	0.000072	282,039	161,456
Montpelier Electric Gen Station	Indiana	55229	G4CT2	97,027	1,326,412,000	0.000073	282,039	161,456
Noblesville	Indiana	1007	CT3	892,865	1,326,412,000	0.000673	282,039	161,456
Noblesville	Indiana	1007	CT4	945,762	1,326,412,000	0.000713	282,039	161,456
Noblesville	Indiana	1007	CT5	1,013,289	1,326,412,000	0.000764	282,039	161,456
Petersburg	Indiana	994	1	16,713,420	1,326,412,000	0.012600	282,039	161,456
Petersburg	Indiana	994	2	29,535,732	1,326,412,000	0.022267	282,039	161,456
Petersburg	Indiana	994	3	42,558,759	1,326,412,000	0.032086	282,039	161,456
Petersburg	Indiana	994	4	41,057,967	1,326,412,000	0.030954	282,039	161,456
Portside Energy	Indiana	55096	GT	3,196,205	1,326,412,000	0.002410	282,039	161,456
R Gallagher	Indiana	1008	1	6,521,304	1,326,412,000	0.004916	282,039	161,456
R Gallagher	Indiana	1008	2	7,359,549	1,326,412,000	0.005548	282,039	161,456
R Gallagher	Indiana	1008	3	6,892,599	1,326,412,000	0.005196	282,039	161,456
R Gallagher	Indiana	1008	4	7,045,742	1,326,412,000	0.005312	282,039	161,456
R M Schahfer Generating Station	Indiana	6085	14	30,081,712	1,326,412,000	0.022679	282,039	161,456
R M Schahfer Generating Station	Indiana	6085	15	35,484,866	1,326,412,000	0.026753	282,039	161,456
R M Schahfer Generating Station	Indiana	6085	16A	82,573	1,326,412,000	0.000062	282,039	161,456
R M Schahfer Generating Station	Indiana	6085	16B	126,380	1,326,412,000	0.000095	282,039	161,456
R M Schahfer Generating Station	Indiana	6085	17	28,235,898	1,326,412,000	0.021287	282,039	161,456

Step 6									
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Michigan City Generating Station	Indiana	997	5	106,434	105,171				
Michigan City Generating Station	Indiana	997	6	106,434	105,171				
Montpelier Electric Gen Station	Indiana	55229	G1CT1	106,434	105,171	20	12	8	8
Montpelier Electric Gen Station	Indiana	55229	G1CT2	106,434	105,171	24	14	9	9
Montpelier Electric Gen Station	Indiana	55229	G2CT1	106,434	105,171	22	13	8	8
Montpelier Electric Gen Station	Indiana	55229	G2CT2	106,434	105,171	22	12	8	8
Montpelier Electric Gen Station	Indiana	55229	G3CT1	106,434	105,171	22	12	8	8
Montpelier Electric Gen Station	Indiana	55229	G3CT2	106,434	105,171	20	12	8	8
Montpelier Electric Gen Station	Indiana	55229	G4CT1	106,434	105,171	20	12	8	8
Montpelier Electric Gen Station	Indiana	55229	G4CT2	106,434	105,171	21	12	8	8
Noblesville	Indiana	1007	CT3	106,434	105,171	190	109	72	71
Noblesville	Indiana	1007	CT4	106,434	105,171	201	115	76	75
Noblesville	Indiana	1007	CT5	106,434	105,171	215	123	81	80
Petersburg	Indiana	994	1	106,434	105,171	3,554	2,034	1,341	1,325
Petersburg	Indiana	994	2	106,434	105,171	6,280	3,595	2,370	2,342
Petersburg	Indiana	994	3	106,434	105,171	9,049	5,180	3,415	3,374
Petersburg	Indiana	994	4	106,434	105,171	8,730	4,998	3,295	3,255
Portside Energy	Indiana	55096	GT	106,434	105,171	680	389	256	253
R Gallagher	Indiana	1008	1	106,434	105,171	1,387	794	523	517
R Gallagher	Indiana	1008	2	106,434	105,171	1,565	896	591	584
R Gallagher	Indiana	1008	3	106,434	105,171	1,466	839	553	547
R Gallagher	Indiana	1008	4	106,434	105,171	1,498	858	565	559
R M Schahfer Generating Station	Indiana	6085	14	106,434	105,171	6,396	3,662	2,414	2,385
R M Schahfer Generating Station	Indiana	6085	15	106,434	105,171	7,545	4,319	2,847	2,814
R M Schahfer Generating Station	Indiana	6085	16A	106,434	105,171	18	10	7	7
R M Schahfer Generating Station	Indiana	6085	16B	106,434	105,171	27	15	10	10
R M Schahfer Generating Station	Indiana	6085	17	106,434	105,171	6,004	3,437	2,266	2,239

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Michigan City Generating Station	Indiana	997	5	0	0			
Michigan City Generating Station	Indiana	997	6					
Montpelier Electric Gen Station	Indiana	55229	G1CT1	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT2	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G2CT1	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G2CT2	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G3CT1	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G3CT2	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G4CT1	0	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G4CT2	0	0	0	0	0
Noblesville	Indiana	1007	CT3	0	0	0	0	0
Noblesville	Indiana	1007	CT4	0	0	0	0	0
Noblesville	Indiana	1007	CT5	0	0	0	0	0
Petersburg	Indiana	994	1	1,741	912	546	519	597
Petersburg	Indiana	994	2	1,282	1,928	1,424	1,753	1,144
Petersburg	Indiana	994	3	18,935	17,677	17,832	6,328	4,042
Petersburg	Indiana	994	4	20,577	18,221	17,850	20,385	16,717
Portside Energy	Indiana	55096	GT		8	7		4
R Gallagher	Indiana	1008	1	13,417	14,219	14,834	12,915	12,903
R Gallagher	Indiana	1008	2	12,613	16,345	15,158	12,453	13,717
R Gallagher	Indiana	1008	3	13,835	16,142	12,301	13,321	16,237
R Gallagher	Indiana	1008	4	13,476	15,948	14,374	12,130	17,135
R M Schahfer Generating Station	Indiana	6085	14	10,195	9,552	12,804	12,317	11,565
R M Schahfer Generating Station	Indiana	6085	15	11,712	10,341	10,511	9,327	12,815
R M Schahfer Generating Station	Indiana	6085	16A					
R M Schahfer Generating Station	Indiana	6085	16B					
R M Schahfer Generating Station	Indiana	6085	17	6,868	7,034	8,902	7,080	7,805

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Michigan City Generating Station	Indiana	997	5				0		
Michigan City Generating Station	Indiana	997	6				0		
Montpelier Electric Gen Station	Indiana	55229	G1CT1	0	0	0	0		
Montpelier Electric Gen Station	Indiana	55229	G1CT2	0	0	0	0		
Montpelier Electric Gen Station	Indiana	55229	G2CT1	0	0	0	0		
Montpelier Electric Gen Station	Indiana	55229	G2CT2	0	0	0	0		
Montpelier Electric Gen Station	Indiana	55229	G3CT1	0	0	0	0		
Montpelier Electric Gen Station	Indiana	55229	G3CT2	0	0	0	0		
Montpelier Electric Gen Station	Indiana	55229	G4CT1	0	0	0	0		
Montpelier Electric Gen Station	Indiana	55229	G4CT2	0	0	0	0		
Noblesville	Indiana	1007	CT3	0	0	0	0		
Noblesville	Indiana	1007	CT4	0	0	0	0		
Noblesville	Indiana	1007	CT5	0	0	0	0		
Petersburg	Indiana	994	1	493	14,442	4,094	14,442		
Petersburg	Indiana	994	2	1,140	1,548	2,358	2,358		
Petersburg	Indiana	994	3	3,787	5,324	5,397	18,935		
Petersburg	Indiana	994	4	17,011	18,815	17,997	20,577		
Portside Energy	Indiana	55096	GT				8		
R Gallagher	Indiana	1008	1	9,867	5,453	5,545	14,834		0
R Gallagher	Indiana	1008	2	12,159	8,652	6,559	16,345		
R Gallagher	Indiana	1008	3	8,868	6,831	4,419	16,237		0
R Gallagher	Indiana	1008	4	9,539	5,967	6,566	17,135		
R M Schahfer Generating Station	Indiana	6085	14	13,959	12,225	11,951	13,959		
R M Schahfer Generating Station	Indiana	6085	15	11,389	7,234	9,753	12,815		
R M Schahfer Generating Station	Indiana	6085	16A		0	0	0		
R M Schahfer Generating Station	Indiana	6085	16B		0	0	0		
R M Schahfer Generating Station	Indiana	6085	17	5,884	7,195	2,521	8,902		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Michigan City Generating Station	Indiana	997	5					1	0
Michigan City Generating Station	Indiana	997	6						
Montpelier Electric Gen Station	Indiana	55229	G1CT1					2	1
Montpelier Electric Gen Station	Indiana	55229	G1CT2					2	1
Montpelier Electric Gen Station	Indiana	55229	G2CT1					2	1
Montpelier Electric Gen Station	Indiana	55229	G2CT2					2	1
Montpelier Electric Gen Station	Indiana	55229	G3CT1					2	1
Montpelier Electric Gen Station	Indiana	55229	G3CT2					2	1
Montpelier Electric Gen Station	Indiana	55229	G4CT1					2	1
Montpelier Electric Gen Station	Indiana	55229	G4CT2					2	1
Noblesville	Indiana	1007	CT3					134	8
Noblesville	Indiana	1007	CT4					144	6
Noblesville	Indiana	1007	CT5					202	8
Petersburg	Indiana	994	1					2,852	2,476
Petersburg	Indiana	994	2					3,829	3,435
Petersburg	Indiana	994	3					6,839	4,286
Petersburg	Indiana	994	4					4,748	4,661
Portside Energy	Indiana	55096	GT					22	200
R Gallagher	Indiana	1008	1	0	0	0	0	1,558	1,440
R Gallagher	Indiana	1008	2					1,458	1,662
R Gallagher	Indiana	1008	3	0	0	0	0	1,715	1,606
R Gallagher	Indiana	1008	4					1,663	1,591
R M Schahfer Generating Station	Indiana	6085	14					8,540	5,492
R M Schahfer Generating Station	Indiana	6085	15					4,290	2,995
R M Schahfer Generating Station	Indiana	6085	16A					2	3
R M Schahfer Generating Station	Indiana	6085	16B					2	3
R M Schahfer Generating Station	Indiana	6085	17					2,884	2,765

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Michigan City Generating Station	Indiana	997	5					
Michigan City Generating Station	Indiana	997	6					
Montpelier Electric Gen Station	Indiana	55229	G1CT1	4	3	4	3	2
Montpelier Electric Gen Station	Indiana	55229	G1CT2	3	3	4	4	3
Montpelier Electric Gen Station	Indiana	55229	G2CT1	4	3	5	4	2
Montpelier Electric Gen Station	Indiana	55229	G2CT2	4	3	4	4	2
Montpelier Electric Gen Station	Indiana	55229	G3CT1	4	3	4	4	2
Montpelier Electric Gen Station	Indiana	55229	G3CT2	4	3	4	3	2
Montpelier Electric Gen Station	Indiana	55229	G4CT1	3	3	4	4	2
Montpelier Electric Gen Station	Indiana	55229	G4CT2	4	2	4	4	2
Noblesville	Indiana	1007	CT3	7	3	6	10	3
Noblesville	Indiana	1007	CT4	11	4	10	10	3
Noblesville	Indiana	1007	CT5	10	3	12	11	4
Petersburg	Indiana	994	1	2,356	2,196	2,244	2,272	1,630
Petersburg	Indiana	994	2	3,175	3,518	3,486	3,495	1,159
Petersburg	Indiana	994	3	4,519	4,638	5,852	4,855	2,263
Petersburg	Indiana	994	4	5,472	6,061	4,948	5,177	4,606
Portside Energy	Indiana	55096	GT	189	19	101	28	25
R Gallagher	Indiana	1008	1	1,393	1,104	1,167	1,250	629
R Gallagher	Indiana	1008	2	1,401	1,059	1,238	1,591	991
R Gallagher	Indiana	1008	3	1,148	1,080	1,439	1,029	802
R Gallagher	Indiana	1008	4	1,363	995	1,531	1,072	666
R M Schahfer Generating Station	Indiana	6085	14	7,195	7,024	5,948	7,181	3,336
R M Schahfer Generating Station	Indiana	6085	15	2,835	2,765	4,904	4,745	2,168
R M Schahfer Generating Station	Indiana	6085	16A	28	13	4	10	6
R M Schahfer Generating Station	Indiana	6085	16B	24	11	7	30	5
R M Schahfer Generating Station	Indiana	6085	17	3,315	2,383	2,460	2,434	2,755

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Michigan City Generating Station	Indiana	997	5		1		0	0	0
Michigan City Generating Station	Indiana	997	6		0		0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT1	6	6				
Montpelier Electric Gen Station	Indiana	55229	G1CT2	7	7				
Montpelier Electric Gen Station	Indiana	55229	G2CT1	6	6				
Montpelier Electric Gen Station	Indiana	55229	G2CT2	5	5				
Montpelier Electric Gen Station	Indiana	55229	G3CT1	6	6				
Montpelier Electric Gen Station	Indiana	55229	G3CT2	5	5				
Montpelier Electric Gen Station	Indiana	55229	G4CT1	6	6				
Montpelier Electric Gen Station	Indiana	55229	G4CT2	6	6				
Noblesville	Indiana	1007	CT3	9	134				
Noblesville	Indiana	1007	CT4	8	144				
Noblesville	Indiana	1007	CT5	8	202				
Petersburg	Indiana	994	1	1,620	2,852				
Petersburg	Indiana	994	2	2,795	3,829				
Petersburg	Indiana	994	3	2,011	6,839				
Petersburg	Indiana	994	4	4,780	6,061				
Portside Energy	Indiana	55096	GT	26	200				
R Gallagher	Indiana	1008	1	943	1,558				
R Gallagher	Indiana	1008	2	1,195	1,662				
R Gallagher	Indiana	1008	3	736	1,715				
R Gallagher	Indiana	1008	4	1,049	1,663				
R M Schahfer Generating Station	Indiana	6085	14	1,835	8,540		2,266	2,218	2,120
R M Schahfer Generating Station	Indiana	6085	15	3,094	4,904		2,671	2,616	2,501
R M Schahfer Generating Station	Indiana	6085	16A	15	28				
R M Schahfer Generating Station	Indiana	6085	16B	14	30				
R M Schahfer Generating Station	Indiana	6085	17	2,051	3,315		2,126	2,081	1,989

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Michigan City Generating Station	Indiana	997	5	0	0	0	0
Michigan City Generating Station	Indiana	997	6	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT1			0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT2			0	0
Montpelier Electric Gen Station	Indiana	55229	G2CT1			0	0
Montpelier Electric Gen Station	Indiana	55229	G2CT2			0	0
Montpelier Electric Gen Station	Indiana	55229	G3CT1			0	0
Montpelier Electric Gen Station	Indiana	55229	G3CT2			0	0
Montpelier Electric Gen Station	Indiana	55229	G4CT1			0	0
Montpelier Electric Gen Station	Indiana	55229	G4CT2			0	0
Noblesville	Indiana	1007	CT3			0	0
Noblesville	Indiana	1007	CT4			0	0
Noblesville	Indiana	1007	CT5			0	0
Petersburg	Indiana	994	1			3,797	3,841
Petersburg	Indiana	994	2			2,358	2,358
Petersburg	Indiana	994	3			9,668	9,780
Petersburg	Indiana	994	4			9,327	9,435
Portside Energy	Indiana	55096	GT			8	8
R Gallagher	Indiana	1008	1			1,481	0
R Gallagher	Indiana	1008	2			1,672	1,691
R Gallagher	Indiana	1008	3			1,566	0
R Gallagher	Indiana	1008	4			1,601	1,619
R M Schahfer Generating Station	Indiana	6085	14	2,120	2,120	6,833	6,913
R M Schahfer Generating Station	Indiana	6085	15	2,501	2,501	8,061	8,155
R M Schahfer Generating Station	Indiana	6085	16A			0	0
R M Schahfer Generating Station	Indiana	6085	16B			0	0
R M Schahfer Generating Station	Indiana	6085	17	1,989	1,989	6,414	6,489

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Michigan City Generating Station	Indiana	997	5	0	0	0	0
Michigan City Generating Station	Indiana	997	6	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT1	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G1CT2	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G2CT1	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G2CT2	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G3CT1	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G3CT2	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G4CT1	0	0	0	0
Montpelier Electric Gen Station	Indiana	55229	G4CT2	0	0	0	0
Noblesville	Indiana	1007	CT3	0	0	0	0
Noblesville	Indiana	1007	CT4	0	0	0	0
Noblesville	Indiana	1007	CT5	0	0	0	0
Petersburg	Indiana	994	1	2,152	2,152	2,152	2,152
Petersburg	Indiana	994	2	2,358	2,358	2,358	2,358
Petersburg	Indiana	994	3	5,480	5,480	5,480	5,480
Petersburg	Indiana	994	4	5,286	5,286	5,286	5,286
Portside Energy	Indiana	55096	GT	8	8	8	8
R Gallagher	Indiana	1008	1	0	0	0	0
R Gallagher	Indiana	1008	2	948	948	948	948
R Gallagher	Indiana	1008	3	0	0	0	0
R Gallagher	Indiana	1008	4	907	907	907	907
R M Schahfer Generating Station	Indiana	6085	14	3,873	3,873	3,873	3,873
R M Schahfer Generating Station	Indiana	6085	15	4,569	4,569	4,569	4,569
R M Schahfer Generating Station	Indiana	6085	16A	0	0	0	0
R M Schahfer Generating Station	Indiana	6085	16B	0	0	0	0
R M Schahfer Generating Station	Indiana	6085	17	3,636	3,636	3,636	3,636

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Michigan City Generating Station	Indiana	997	5				
Michigan City Generating Station	Indiana	997	6				
Montpelier Electric Gen Station	Indiana	55229	G1CT1				
Montpelier Electric Gen Station	Indiana	55229	G1CT2				
Montpelier Electric Gen Station	Indiana	55229	G2CT1				
Montpelier Electric Gen Station	Indiana	55229	G2CT2				
Montpelier Electric Gen Station	Indiana	55229	G3CT1				
Montpelier Electric Gen Station	Indiana	55229	G3CT2				
Montpelier Electric Gen Station	Indiana	55229	G4CT1				
Montpelier Electric Gen Station	Indiana	55229	G4CT2				
Noblesville	Indiana	1007	CT3				
Noblesville	Indiana	1007	CT4				
Noblesville	Indiana	1007	CT5				
Petersburg	Indiana	994	1				
Petersburg	Indiana	994	2				
Petersburg	Indiana	994	3				
Petersburg	Indiana	994	4				
Portside Energy	Indiana	55096	GT				
R Gallagher	Indiana	1008	1				
R Gallagher	Indiana	1008	2				
R Gallagher	Indiana	1008	3				
R Gallagher	Indiana	1008	4				
R M Schahfer Generating Station	Indiana	6085	14				
R M Schahfer Generating Station	Indiana	6085	15				
R M Schahfer Generating Station	Indiana	6085	16A				
R M Schahfer Generating Station	Indiana	6085	16B				
R M Schahfer Generating Station	Indiana	6085	17				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)			
Michigan City Generating Station	Indiana	997	5					
Michigan City Generating Station	Indiana	997	6					
Montpelier Electric Gen Station	Indiana	55229	G1CT1			41,889	65,814	37,283
Montpelier Electric Gen Station	Indiana	55229	G1CT2			40,843	67,459	37,979
Montpelier Electric Gen Station	Indiana	55229	G2CT1			42,680	74,111	55,562
Montpelier Electric Gen Station	Indiana	55229	G2CT2			41,751	65,371	53,737
Montpelier Electric Gen Station	Indiana	55229	G3CT1			38,800	66,430	48,580
Montpelier Electric Gen Station	Indiana	55229	G3CT2			38,879	63,227	35,890
Montpelier Electric Gen Station	Indiana	55229	G4CT1			39,528	63,641	34,568
Montpelier Electric Gen Station	Indiana	55229	G4CT2			45,653	66,153	38,524
Noblesville	Indiana	1007	CT3			406,493	541,983	444,962
Noblesville	Indiana	1007	CT4			397,862	610,791	443,596
Noblesville	Indiana	1007	CT5			298,029	676,767	486,643
Petersburg	Indiana	994	1			8,189,832	7,149,879	6,439,943
Petersburg	Indiana	994	2			14,637,041	10,954,992	12,038,222
Petersburg	Indiana	994	3			11,163,875	18,757,275	17,128,704
Petersburg	Indiana	994	4			18,263,763	17,313,879	16,511,628
Portside Energy	Indiana	55096	GT			1,101,453	391,289	387,910
R Gallagher	Indiana	1008	1			2,474,656	3,402,802	3,041,955
R Gallagher	Indiana	1008	2			2,539,628	3,482,847	3,618,046
R Gallagher	Indiana	1008	3			2,648,324	3,232,171	3,156,902
R Gallagher	Indiana	1008	4			2,379,052	3,728,123	3,256,798
R M Schahfer Generating Station	Indiana	6085	14			14,793,533	14,052,293	12,900,700
R M Schahfer Generating Station	Indiana	6085	15			13,721,490	13,593,234	14,183,873
R M Schahfer Generating Station	Indiana	6085	16A			80,613	22,047	39,975
R M Schahfer Generating Station	Indiana	6085	16B			76,944	47,536	164,422
R M Schahfer Generating Station	Indiana	6085	17			13,294,978	12,361,202	11,015,710

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Michigan City Generating Station	Indiana	997	5				574,501,876	
Michigan City Generating Station	Indiana	997	6				574,501,876	
Montpelier Electric Gen Station	Indiana	55229	G1CT1	18,836	100,337	69,347	574,501,876	0.000121
Montpelier Electric Gen Station	Indiana	55229	G1CT2	21,990	127,134	78,479	574,501,876	0.000137
Montpelier Electric Gen Station	Indiana	55229	G2CT1	18,518	96,921	75,531	574,501,876	0.000131
Montpelier Electric Gen Station	Indiana	55229	G2CT2	18,378	100,410	73,172	574,501,876	0.000127
Montpelier Electric Gen Station	Indiana	55229	G3CT1	18,037	97,038	70,683	574,501,876	0.000123
Montpelier Electric Gen Station	Indiana	55229	G3CT2	17,649	93,618	65,241	574,501,876	0.000114
Montpelier Electric Gen Station	Indiana	55229	G4CT1	16,412	93,768	65,646	574,501,876	0.000114
Montpelier Electric Gen Station	Indiana	55229	G4CT2	15,407	91,303	67,703	574,501,876	0.000118
Noblesville	Indiana	1007	CT3	136,646	497,488	494,811	574,501,876	0.000861
Noblesville	Indiana	1007	CT4	141,508	458,079	504,156	574,501,876	0.000878
Noblesville	Indiana	1007	CT5	129,561	577,058	580,156	574,501,876	0.001010
Petersburg	Indiana	994	1	4,429,855	5,713,136	7,259,885	574,501,876	0.012637
Petersburg	Indiana	994	2	10,422,788	12,905,658	13,193,640	574,501,876	0.022965
Petersburg	Indiana	994	3	16,069,189	16,972,663	17,619,547	574,501,876	0.030669
Petersburg	Indiana	994	4	17,248,334	16,300,246	17,608,659	574,501,876	0.030650
Portside Energy	Indiana	55096	GT	1,353,712	1,394,502	1,283,222	574,501,876	0.002234
R Gallagher	Indiana	1008	1	1,756,317	2,391,245	2,973,138	574,501,876	0.005175
R Gallagher	Indiana	1008	2	2,500,407	2,835,359	3,312,084	574,501,876	0.005765
R Gallagher	Indiana	1008	3	1,839,550	2,645,696	3,012,465	574,501,876	0.005244
R Gallagher	Indiana	1008	4	1,737,874	2,853,817	3,279,579	574,501,876	0.005709
R M Schahfer Generating Station	Indiana	6085	14	12,246,787	14,392,698	14,412,841	574,501,876	0.025088
R M Schahfer Generating Station	Indiana	6085	15	12,313,810	14,918,624	14,274,662	574,501,876	0.024847
R M Schahfer Generating Station	Indiana	6085	16A	14,413	83,801	68,130	574,501,876	0.000119
R M Schahfer Generating Station	Indiana	6085	16B	18,668	84,719	108,695	574,501,876	0.000189
R M Schahfer Generating Station	Indiana	6085	17	10,616,344	11,711,585	12,455,922	574,501,876	0.021681

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Michigan City Generating Station	Indiana	997	5	45,470	44,790			1	
Michigan City Generating Station	Indiana	997	6	45,470	44,790				
Montpelier Electric Gen Station	Indiana	55229	G1CT1	45,470	44,790	5	5	1	0
Montpelier Electric Gen Station	Indiana	55229	G1CT2	45,470	44,790	6	6	1	0
Montpelier Electric Gen Station	Indiana	55229	G2CT1	45,470	44,790	6	6	1	1
Montpelier Electric Gen Station	Indiana	55229	G2CT2	45,470	44,790	6	6	1	1
Montpelier Electric Gen Station	Indiana	55229	G3CT1	45,470	44,790	6	6	1	1
Montpelier Electric Gen Station	Indiana	55229	G3CT2	45,470	44,790	5	5	1	1
Montpelier Electric Gen Station	Indiana	55229	G4CT1	45,470	44,790	5	5	1	1
Montpelier Electric Gen Station	Indiana	55229	G4CT2	45,470	44,790	5	5	1	1
Noblesville	Indiana	1007	CT3	45,470	44,790	39	39	129	5
Noblesville	Indiana	1007	CT4	45,470	44,790	40	39	141	4
Noblesville	Indiana	1007	CT5	45,470	44,790	46	45	202	5
Petersburg	Indiana	994	1	45,470	44,790	575	566	1,213	1,022
Petersburg	Indiana	994	2	45,470	44,790	1,044	1,029	2,345	280
Petersburg	Indiana	994	3	45,470	44,790	1,395	1,374	2,235	597
Petersburg	Indiana	994	4	45,470	44,790	1,394	1,373	1,889	1,848
Portside Energy	Indiana	55096	GT	45,470	44,790	102	100	22	16
R Gallagher	Indiana	1008	1	45,470	44,790	235	232	623	438
R Gallagher	Indiana	1008	2	45,470	44,790	262	258	702	548
R Gallagher	Indiana	1008	3	45,470	44,790	238	235	632	576
R Gallagher	Indiana	1008	4	45,470	44,790	260	256	643	537
R M Schahfer Generating Station	Indiana	6085	14	45,470	44,790	1,141	1,124	3,156	1,104
R M Schahfer Generating Station	Indiana	6085	15	45,470	44,790	1,130	1,113	1,601	1,167
R M Schahfer Generating Station	Indiana	6085	16A	45,470	44,790	5	5	2	3
R M Schahfer Generating Station	Indiana	6085	16B	45,470	44,790	9	8	2	3
R M Schahfer Generating Station	Indiana	6085	17	45,470	44,790	986	971	1,155	1,075

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Michigan City Generating Station	Indiana	997	5						
Michigan City Generating Station	Indiana	997	6						
Montpelier Electric Gen Station	Indiana	55229	G1CT1	3	2	3	2	1	4
Montpelier Electric Gen Station	Indiana	55229	G1CT2	3	2	3	2	1	5
Montpelier Electric Gen Station	Indiana	55229	G2CT1	3	2	3	2	1	4
Montpelier Electric Gen Station	Indiana	55229	G2CT2	3	2	3	2	1	4
Montpelier Electric Gen Station	Indiana	55229	G3CT1	3	2	3	2	1	4
Montpelier Electric Gen Station	Indiana	55229	G3CT2	3	2	3	1	1	4
Montpelier Electric Gen Station	Indiana	55229	G4CT1	3	2	3	2	1	4
Montpelier Electric Gen Station	Indiana	55229	G4CT2	3	2	3	2	1	4
Noblesville	Indiana	1007	CT3	4	2	3	4	1	8
Noblesville	Indiana	1007	CT4	6	3	6	4	1	4
Noblesville	Indiana	1007	CT5	6	2	7	5	1	5
Petersburg	Indiana	994	1	975	1,044	947	905	496	614
Petersburg	Indiana	994	2	360	453	687	425	447	1,694
Petersburg	Indiana	994	3	331	596	843	797	748	735
Petersburg	Indiana	994	4	2,219	2,352	2,151	2,043	1,953	1,978
Portside Energy	Indiana	55096	GT	16	19	6	7	25	26
R Gallagher	Indiana	1008	1	490	398	544	593	318	435
R Gallagher	Indiana	1008	2	509	410	557	705	447	512
R Gallagher	Indiana	1008	3	368	369	557	551	310	461
R Gallagher	Indiana	1008	4	498	332	642	564	292	493
R M Schahfer Generating Station	Indiana	6085	14	988	864	1,028	673	1,921	947
R M Schahfer Generating Station	Indiana	6085	15	1,263	1,111	1,785	1,821	974	1,247
R M Schahfer Generating Station	Indiana	6085	16A	28	13	4	6	2	12
R M Schahfer Generating Station	Indiana	6085	16B	24	11	7	25	2	11
R M Schahfer Generating Station	Indiana	6085	17	1,230	1,135	1,008	1,082	1,095	1,169

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Michigan City Generating Station	Indiana	997	5	1		0	0	0	
Michigan City Generating Station	Indiana	997	6	0		0	0	0	
Montpelier Electric Gen Station	Indiana	55229	G1CT1	4					
Montpelier Electric Gen Station	Indiana	55229	G1CT2	5					
Montpelier Electric Gen Station	Indiana	55229	G2CT1	4					
Montpelier Electric Gen Station	Indiana	55229	G2CT2	4					
Montpelier Electric Gen Station	Indiana	55229	G3CT1	4					
Montpelier Electric Gen Station	Indiana	55229	G3CT2	4					
Montpelier Electric Gen Station	Indiana	55229	G4CT1	4					
Montpelier Electric Gen Station	Indiana	55229	G4CT2	4					
Noblesville	Indiana	1007	CT3	129					
Noblesville	Indiana	1007	CT4	141					
Noblesville	Indiana	1007	CT5	202					
Petersburg	Indiana	994	1	1,213					
Petersburg	Indiana	994	2	2,345					
Petersburg	Indiana	994	3	2,235					
Petersburg	Indiana	994	4	2,352					
Portside Energy	Indiana	55096	GT	26					
R Gallagher	Indiana	1008	1	623					
R Gallagher	Indiana	1008	2	705					
R Gallagher	Indiana	1008	3	632					
R Gallagher	Indiana	1008	4	643					
R M Schahfer Generating Station	Indiana	6085	14	3,156		2,266	2,218	2,120	
R M Schahfer Generating Station	Indiana	6085	15	1,821		2,671	2,616	2,501	
R M Schahfer Generating Station	Indiana	6085	16A	28					
R M Schahfer Generating Station	Indiana	6085	16B	25					
R M Schahfer Generating Station	Indiana	6085	17	1,230		2,126	2,081	1,989	

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Michigan City Generating Station	Indiana	997	5	0	0		
Michigan City Generating Station	Indiana	997	6	0	0		
Montpelier Electric Gen Station	Indiana	55229	G1CT1				
Montpelier Electric Gen Station	Indiana	55229	G1CT2				
Montpelier Electric Gen Station	Indiana	55229	G2CT1				
Montpelier Electric Gen Station	Indiana	55229	G2CT2				
Montpelier Electric Gen Station	Indiana	55229	G3CT1				
Montpelier Electric Gen Station	Indiana	55229	G3CT2				
Montpelier Electric Gen Station	Indiana	55229	G4CT1				
Montpelier Electric Gen Station	Indiana	55229	G4CT2				
Noblesville	Indiana	1007	CT3				
Noblesville	Indiana	1007	CT4				
Noblesville	Indiana	1007	CT5				
Petersburg	Indiana	994	1				
Petersburg	Indiana	994	2				
Petersburg	Indiana	994	3				
Petersburg	Indiana	994	4				
Portside Energy	Indiana	55096	GT				
R Gallagher	Indiana	1008	1				
R Gallagher	Indiana	1008	2				
R Gallagher	Indiana	1008	3				
R Gallagher	Indiana	1008	4				
R M Schahfer Generating Station	Indiana	6085	14	2,120	2,120		
R M Schahfer Generating Station	Indiana	6085	15	2,501	2,501		
R M Schahfer Generating Station	Indiana	6085	16A				
R M Schahfer Generating Station	Indiana	6085	16B				
R M Schahfer Generating Station	Indiana	6085	17	1,989	1,989		

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Michigan City Generating Station	Indiana	997	5				
Michigan City Generating Station	Indiana	997	6				
Montpelier Electric Gen Station	Indiana	55229	G1CT1				
Montpelier Electric Gen Station	Indiana	55229	G1CT2				
Montpelier Electric Gen Station	Indiana	55229	G2CT1				
Montpelier Electric Gen Station	Indiana	55229	G2CT2				
Montpelier Electric Gen Station	Indiana	55229	G3CT1				
Montpelier Electric Gen Station	Indiana	55229	G3CT2				
Montpelier Electric Gen Station	Indiana	55229	G4CT1				
Montpelier Electric Gen Station	Indiana	55229	G4CT2				
Noblesville	Indiana	1007	CT3				
Noblesville	Indiana	1007	CT4				
Noblesville	Indiana	1007	CT5				
Petersburg	Indiana	994	1				
Petersburg	Indiana	994	2				
Petersburg	Indiana	994	3				
Petersburg	Indiana	994	4				
Portside Energy	Indiana	55096	GT				
R Gallagher	Indiana	1008	1				
R Gallagher	Indiana	1008	2				
R Gallagher	Indiana	1008	3				
R Gallagher	Indiana	1008	4				
R M Schahfer Generating Station	Indiana	6085	14				
R M Schahfer Generating Station	Indiana	6085	15				
R M Schahfer Generating Station	Indiana	6085	16A				
R M Schahfer Generating Station	Indiana	6085	16B				
R M Schahfer Generating Station	Indiana	6085	17				

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Michigan City Generating Station	Indiana	997	5	Y	Y		Y		
Michigan City Generating Station	Indiana	997	6	Y	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G1CT1	Y	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G1CT2	Y	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G2CT1	Y	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G2CT2	Y	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G3CT1	Y	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G3CT2	Y	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G4CT1	Y	Y		Y		
Montpelier Electric Gen Station	Indiana	55229	G4CT2	Y	Y		Y		
Noblesville	Indiana	1007	CT3	Y	Y		Y		
Noblesville	Indiana	1007	CT4	Y	Y		Y		
Noblesville	Indiana	1007	CT5	Y	Y		Y		
Petersburg	Indiana	994	1	Y	Y		Y		
Petersburg	Indiana	994	2	Y	Y		Y		
Petersburg	Indiana	994	3	Y	Y		Y		
Petersburg	Indiana	994	4	Y	Y		Y		
Portside Energy	Indiana	55096	GT	Y	Y		Y	Y	Y
R Gallagher	Indiana	1008	1	Y	Y		Y		
R Gallagher	Indiana	1008	2	Y	Y		Y		
R Gallagher	Indiana	1008	3	Y	Y		Y		
R Gallagher	Indiana	1008	4	Y	Y		Y		
R M Schahfer Generating Station	Indiana	6085	14	Y	Y		Y		
R M Schahfer Generating Station	Indiana	6085	15	Y	Y		Y		
R M Schahfer Generating Station	Indiana	6085	16A	Y	Y		Y		
R M Schahfer Generating Station	Indiana	6085	16B	Y	Y		Y		
R M Schahfer Generating Station	Indiana	6085	17	Y	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
R M Schahfer Generating Station	Indiana	6085	18	2765	28,119,763	28,274,172	30,341,950	22,947,422	27,324,204
Richmond (IN)	Indiana	7335	RCT1	3097	16,466	15,249	21,470	3,914	17,361
Richmond (IN)	Indiana	7335	RCT2	3098	17,054	15,979	21,136	3,455	15,464
Rockport	Indiana	6166	MB1	2819	97,703,173	71,082,004	93,920,203	95,168,981	91,201,429
Rockport	Indiana	6166	MB2	2820	98,998,017	79,882,615	86,828,913	77,284,855	82,525,234
State Line Generating Station (IN)	Indiana	981	3	656	12,028,101	12,546,067	14,919,596	11,322,673	13,218,168
State Line Generating Station (IN)	Indiana	981	4	657	17,723,168	20,884,781	23,653,904	16,318,719	20,018,045
Sugar Creek Generating Station	Indiana	55364	CT11	4555	912,498	1,102,748	683,555	2,742,905	5,869,318
Sugar Creek Generating Station	Indiana	55364	CT12	4556	921,366	1,090,237	632,696	2,709,185	5,886,738
Tanners Creek	Indiana	988	U1	665	9,485,221	9,973,188	7,213,793	804,299	3,378,460
Tanners Creek	Indiana	988	U2	666	9,380,165	8,424,696	8,055,605	2,917,302	2,843,183
Tanners Creek	Indiana	988	U3	667	12,339,641	13,068,121	10,067,635	6,331,430	4,730,264
Tanners Creek	Indiana	988	U4	668	23,816,248	27,264,141	19,526,665	16,976,410	27,302,866
Wabash River Gen Station	Indiana	1010	1	720	9,224,471	10,079,608	8,449,013	8,572,399	8,260,510
Wabash River Gen Station	Indiana	1010	2	721	5,093,836	6,003,771	6,403,909	2,128,100	
Wabash River Gen Station	Indiana	1010	3	722	5,525,682	5,284,375	6,123,258	1,717,032	
Wabash River Gen Station	Indiana	1010	4	723	5,980,388	5,978,372	6,165,959	6,033,297	7,362,632
Wabash River Gen Station	Indiana	1010	5	724	6,216,947	4,930,626	6,794,708	1,491,660	
Wabash River Gen Station	Indiana	1010	6	725	21,029,025	20,617,191	21,467,939	21,627,504	23,472,160
Wheatland Generating Facility LLC	Indiana	55224	EU-01	4183	78,943	63,791	25,308	82,552	268,805
Wheatland Generating Facility LLC	Indiana	55224	EU-02	4184	98,453	67,915	22,255	74,391	217,384
Wheatland Generating Facility LLC	Indiana	55224	EU-03	4185	87,143	80,456	12,558	64,383	160,501
Wheatland Generating Facility LLC	Indiana	55224	EU-04	4186	98,762	78,581	53,151	50,801	179,465
Whitewater Valley	Indiana	1040	1	729	1,275,356	1,377,627	1,309,842	515,049	1,043,797
Whitewater Valley	Indiana	1040	2	730	3,862,124	3,648,452	3,661,525	1,809,090	1,693,253
Whiting Clean Energy, Inc.	Indiana	55259	CT1	4357	3,573,292	7,529,012	7,042,263	6,709,106	12,726,222
Whiting Clean Energy, Inc.	Indiana	55259	CT2	4358	6,088,093	7,168,154	9,888,264	10,944,556	11,429,633

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
R M Schahfer Generating Station	Indiana	6085	18	28,911,962	1,326,412,000	0.021797	282,039	161,456
Richmond (IN)	Indiana	7335	RCT1	18,432	1,326,412,000	0.000014	282,039	161,456
Richmond (IN)	Indiana	7335	RCT2	18,056	1,326,412,000	0.000014	282,039	161,456
Rockport	Indiana	6166	MB1	95,597,452	1,326,412,000	0.072072	282,039	161,456
Rockport	Indiana	6166	MB2	89,450,721	1,326,412,000	0.067438	282,039	161,456
State Line Generating Station (IN)	Indiana	981	3	13,561,277	1,326,412,000	0.010224	282,039	161,456
State Line Generating Station (IN)	Indiana	981	4	21,518,910	1,326,412,000	0.016223	282,039	161,456
Sugar Creek Generating Station	Indiana	55364	CT11	3,238,324	1,326,412,000	0.002441	282,039	161,456
Sugar Creek Generating Station	Indiana	55364	CT12	3,228,720	1,326,412,000	0.002434	282,039	161,456
Tanners Creek	Indiana	988	U1	8,890,734	1,326,412,000	0.006703	282,039	161,456
Tanners Creek	Indiana	988	U2	8,620,155	1,326,412,000	0.006499	282,039	161,456
Tanners Creek	Indiana	988	U3	11,825,132	1,326,412,000	0.008915	282,039	161,456
Tanners Creek	Indiana	988	U4	26,127,752	1,326,412,000	0.019698	282,039	161,456
Wabash River Gen Station	Indiana	1010	1	9,292,160	1,326,412,000	0.007005	282,039	161,456
Wabash River Gen Station	Indiana	1010	2	5,833,838	1,326,412,000	0.004398	282,039	161,456
Wabash River Gen Station	Indiana	1010	3	5,644,438	1,326,412,000	0.004255	282,039	161,456
Wabash River Gen Station	Indiana	1010	4	6,520,629	1,326,412,000	0.004916	282,039	161,456
Wabash River Gen Station	Indiana	1010	5	5,980,760	1,326,412,000	0.004509	282,039	161,456
Wabash River Gen Station	Indiana	1010	6	22,189,201	1,326,412,000	0.016729	282,039	161,456
Wheatland Generating Facility LLC	Indiana	55224	EU-01	143,433	1,326,412,000	0.000108	282,039	161,456
Wheatland Generating Facility LLC	Indiana	55224	EU-02	130,076	1,326,412,000	0.000098	282,039	161,456
Wheatland Generating Facility LLC	Indiana	55224	EU-03	109,367	1,326,412,000	0.000082	282,039	161,456
Wheatland Generating Facility LLC	Indiana	55224	EU-04	118,936	1,326,412,000	0.000090	282,039	161,456
Whitewater Valley	Indiana	1040	1	1,320,942	1,326,412,000	0.000996	282,039	161,456
Whitewater Valley	Indiana	1040	2	3,724,034	1,326,412,000	0.002808	282,039	161,456
Whiting Clean Energy, Inc.	Indiana	55259	CT1	9,099,166	1,326,412,000	0.006860	282,039	161,456
Whiting Clean Energy, Inc.	Indiana	55259	CT2	10,754,151	1,326,412,000	0.008108	282,039	161,456

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
R M Schahfer Generating Station	Indiana	6085	18	106,434	105,171	6,148	3,519	2,320	2,292
Richmond (IN)	Indiana	7335	RCT1	106,434	105,171	4	2	1	1
Richmond (IN)	Indiana	7335	RCT2	106,434	105,171	4	2	1	1
Rockport	Indiana	6166	MB1	106,434	105,171	20,327	11,636	7,671	7,580
Rockport	Indiana	6166	MB2	106,434	105,171	19,020	10,888	7,178	7,093
State Line Generating Station (IN)	Indiana	981	3	106,434	105,171	2,884	1,651	1,088	1,075
State Line Generating Station (IN)	Indiana	981	4	106,434	105,171	4,576	2,619	1,727	1,706
Sugar Creek Generating Station	Indiana	55364	CT11	106,434	105,171	689	394	260	257
Sugar Creek Generating Station	Indiana	55364	CT12	106,434	105,171	687	393	259	256
Tanners Creek	Indiana	988	U1	106,434	105,171	1,890	1,082	713	705
Tanners Creek	Indiana	988	U2	106,434	105,171	1,833	1,049	692	683
Tanners Creek	Indiana	988	U3	106,434	105,171	2,514	1,439	949	938
Tanners Creek	Indiana	988	U4	106,434	105,171	5,556	3,180	2,097	2,072
Wabash River Gen Station	Indiana	1010	1	106,434	105,171	1,976	1,131	746	737
Wabash River Gen Station	Indiana	1010	2	106,434	105,171	1,240	710	468	463
Wabash River Gen Station	Indiana	1010	3	106,434	105,171	1,200	687	453	448
Wabash River Gen Station	Indiana	1010	4	106,434	105,171	1,387	794	523	517
Wabash River Gen Station	Indiana	1010	5	106,434	105,171	1,272	728	480	474
Wabash River Gen Station	Indiana	1010	6	106,434	105,171	4,718	2,701	1,781	1,759
Wheatland Generating Facility LLC	Indiana	55224	EU-01	106,434	105,171	30	17	12	11
Wheatland Generating Facility LLC	Indiana	55224	EU-02	106,434	105,171	28	16	10	10
Wheatland Generating Facility LLC	Indiana	55224	EU-03	106,434	105,171	23	13	9	9
Wheatland Generating Facility LLC	Indiana	55224	EU-04	106,434	105,171	25	14	10	9
Whitewater Valley	Indiana	1040	1	106,434	105,171	281	161	106	105
Whitewater Valley	Indiana	1040	2	106,434	105,171	792	453	299	295
Whiting Clean Energy, Inc.	Indiana	55259	CT1	106,434	105,171	1,935	1,108	730	721
Whiting Clean Energy, Inc.	Indiana	55259	CT2	106,434	105,171	2,287	1,309	863	853

Plant Name	State	ORIS ID	Boiler ID	Step 7				
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
R M Schahfer Generating Station	Indiana	6085	18	6,527	5,297	8,118	7,184	7,618
Richmond (IN)	Indiana	7335	RCT1	1	0	0	0	0
Richmond (IN)	Indiana	7335	RCT2	0	0	0	0	0
Rockport	Indiana	6166	MB1	24,769	25,399	31,947	41,396	23,093
Rockport	Indiana	6166	MB2	28,792	19,227	35,259	42,147	25,740
State Line Generating Station (IN)	Indiana	981	3	3,435	3,876	3,572	3,308	3,743
State Line Generating Station (IN)	Indiana	981	4	4,576	5,826	4,377	4,040	5,590
Sugar Creek Generating Station	Indiana	55364	CT11	0	0	1	0	0
Sugar Creek Generating Station	Indiana	55364	CT12	0	0	1	0	0
Tanners Creek	Indiana	988	U1	4,571	3,632	4,105	4,827	5,346
Tanners Creek	Indiana	988	U2	4,888	4,581	4,286	4,752	4,443
Tanners Creek	Indiana	988	U3	6,881	5,845	5,093	6,328	7,064
Tanners Creek	Indiana	988	U4	36,835	50,330	33,049	19,587	16,976
Wabash River Gen Station	Indiana	1010	1	1,112	147	380	435	388
Wabash River Gen Station	Indiana	1010	2	8,639	7,942	8,179	6,826	8,587
Wabash River Gen Station	Indiana	1010	3	8,644	8,246	8,252	7,384	7,527
Wabash River Gen Station	Indiana	1010	4	7,111	8,833	8,864	7,965	8,541
Wabash River Gen Station	Indiana	1010	5	9,429	9,437	9,387	8,302	6,892
Wabash River Gen Station	Indiana	1010	6	29,671	29,826	31,713	27,882	28,922
Wheatland Generating Facility LLC	Indiana	55224	EU-01	0	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-02	0	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-03	0	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-04	0	0	0	0	0
Whitewater Valley	Indiana	1040	1	4,329	4,637	4,284	2,138	2,428
Whitewater Valley	Indiana	1040	2	8,553	8,684	7,549	6,193	6,186
Whiting Clean Energy, Inc.	Indiana	55259	CT1	0	1	1	1	2
Whiting Clean Energy, Inc.	Indiana	55259	CT2	1	1	2	2	2

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
R M Schahfer Generating Station	Indiana	6085	18	7,528	5,783	2,838	8,118		
Richmond (IN)	Indiana	7335	RCT1	0	0	0	1		
Richmond (IN)	Indiana	7335	RCT2	0	0	0	0		
Rockport	Indiana	6166	MB1	31,210	30,139	28,722	41,396		
Rockport	Indiana	6166	MB2	28,841	24,657	25,520	42,147		
State Line Generating Station (IN)	Indiana	981	3	4,748	4,311	4,442	4,748		
State Line Generating Station (IN)	Indiana	981	4	6,877	5,465	6,125	6,877		
Sugar Creek Generating Station	Indiana	55364	CT11	0	1	2	2		
Sugar Creek Generating Station	Indiana	55364	CT12	0	1	2	2		
Tanners Creek	Indiana	988	U1	3,731	440	1,672	5,346		
Tanners Creek	Indiana	988	U2	4,158	1,612	1,485	4,888		
Tanners Creek	Indiana	988	U3	5,193	3,493	2,414	7,064		
Tanners Creek	Indiana	988	U4	12,647	10,898	19,280	50,330		
Wabash River Gen Station	Indiana	1010	1	414	479	527	1,112		
Wabash River Gen Station	Indiana	1010	2	10,418	3,312		10,418		
Wabash River Gen Station	Indiana	1010	3	9,922	2,667		9,922		
Wabash River Gen Station	Indiana	1010	4	10,021	9,225	10,950	10,950		
Wabash River Gen Station	Indiana	1010	5	10,977	2,340		10,977		
Wabash River Gen Station	Indiana	1010	6	34,484	33,111	34,733	34,733		
Wheatland Generating Facility LLC	Indiana	55224	EU-01	0	0	0	0		
Wheatland Generating Facility LLC	Indiana	55224	EU-02	0	0	0	0		
Wheatland Generating Facility LLC	Indiana	55224	EU-03	0	0	0	0		
Wheatland Generating Facility LLC	Indiana	55224	EU-04	0	0	0	0		
Whitewater Valley	Indiana	1040	1	2,357	829	1,801	4,637		
Whitewater Valley	Indiana	1040	2	6,323	3,090	3,005	8,684		
Whiting Clean Energy, Inc.	Indiana	55259	CT1	2	2	4	4		
Whiting Clean Energy, Inc.	Indiana	55259	CT2	3	3	3	3		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
R M Schahfer Generating Station	Indiana	6085	18					2,542	2,327
Richmond (IN)	Indiana	7335	RCT1					3	1
Richmond (IN)	Indiana	7335	RCT2					2	1
Rockport	Indiana	6166	MB1					16,133	10,425
Rockport	Indiana	6166	MB2					19,241	7,916
State Line Generating Station (IN)	Indiana	981	3					1,372	1,136
State Line Generating Station (IN)	Indiana	981	4					6,998	7,212
Sugar Creek Generating Station	Indiana	55364	CT11					189	14
Sugar Creek Generating Station	Indiana	55364	CT12					101	15
Tanners Creek	Indiana	988	U1					2,542	1,485
Tanners Creek	Indiana	988	U2					2,722	1,748
Tanners Creek	Indiana	988	U3					3,877	2,315
Tanners Creek	Indiana	988	U4					4,276	7,005
Wabash River Gen Station	Indiana	1010	1					442	143
Wabash River Gen Station	Indiana	1010	2					1,375	1,239
Wabash River Gen Station	Indiana	1010	3					1,370	1,275
Wabash River Gen Station	Indiana	1010	4					1,145	1,354
Wabash River Gen Station	Indiana	1010	5					1,508	1,455
Wabash River Gen Station	Indiana	1010	6					4,583	4,394
Wheatland Generating Facility LLC	Indiana	55224	EU-01					0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-02					0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-03					1	1
Wheatland Generating Facility LLC	Indiana	55224	EU-04					1	1
Whitewater Valley	Indiana	1040	1					518	399
Whitewater Valley	Indiana	1040	2					1,025	739
Whiting Clean Energy, Inc.	Indiana	55259	CT1					9	20
Whiting Clean Energy, Inc.	Indiana	55259	CT2					15	21

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
R M Schahfer Generating Station	Indiana	6085	18	3,456	2,557	2,568	2,963	2,296
Richmond (IN)	Indiana	7335	RCT1	1	1	1	1	0
Richmond (IN)	Indiana	7335	RCT2	1	1	1	1	0
Rockport	Indiana	6166	MB1	10,019	14,018	8,900	11,999	10,906
Rockport	Indiana	6166	MB2	11,103	14,106	10,392	10,961	8,856
State Line Generating Station (IN)	Indiana	981	3	1,189	1,303	1,381	1,836	1,377
State Line Generating Station (IN)	Indiana	981	4	5,659	5,985	6,824	7,266	4,614
Sugar Creek Generating Station	Indiana	55364	CT11	18	14	29	9	24
Sugar Creek Generating Station	Indiana	55364	CT12	40	8	15	7	22
Tanners Creek	Indiana	988	U1	1,397	1,554	1,660	1,230	118
Tanners Creek	Indiana	988	U2	1,443	1,530	1,387	1,367	426
Tanners Creek	Indiana	988	U3	1,781	2,034	2,171	1,723	937
Tanners Creek	Indiana	988	U4	3,341	2,924	3,521	3,109	2,048
Wabash River Gen Station	Indiana	1010	1	245	325	379	315	307
Wabash River Gen Station	Indiana	1010	2	1,088	965	1,092	1,140	380
Wabash River Gen Station	Indiana	1010	3	1,101	1,055	969	1,093	310
Wabash River Gen Station	Indiana	1010	4	1,175	1,129	1,087	1,103	1,033
Wabash River Gen Station	Indiana	1010	5	1,242	1,172	911	1,218	277
Wabash River Gen Station	Indiana	1010	6	4,150	3,809	3,669	3,724	3,668
Wheatland Generating Facility LLC	Indiana	55224	EU-01	2	4	4	2	6
Wheatland Generating Facility LLC	Indiana	55224	EU-02	3	4	5	2	4
Wheatland Generating Facility LLC	Indiana	55224	EU-03	2	4	5	1	4
Wheatland Generating Facility LLC	Indiana	55224	EU-04	2	5	6	5	3
Whitewater Valley	Indiana	1040	1	414	217	242	241	81
Whitewater Valley	Indiana	1040	2	704	639	629	612	289
Whiting Clean Energy, Inc.	Indiana	55259	CT1	23	17	33	32	32
Whiting Clean Energy, Inc.	Indiana	55259	CT2	28	30	33	41	48

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
R M Schahfer Generating Station	Indiana	6085	18	2,603	3,456		2,177	2,131	2,037
Richmond (IN)	Indiana	7335	RCT1	1	3				
Richmond (IN)	Indiana	7335	RCT2	1	2				
Rockport	Indiana	6166	MB1	10,804	16,133				
Rockport	Indiana	6166	MB2	9,741	19,241				
State Line Generating Station (IN)	Indiana	981	3	1,857	1,857				
State Line Generating Station (IN)	Indiana	981	4	6,383	7,266				
Sugar Creek Generating Station	Indiana	55364	CT11	44	189				
Sugar Creek Generating Station	Indiana	55364	CT12	46	101				
Tanners Creek	Indiana	988	U1	470	2,542				
Tanners Creek	Indiana	988	U2	400	2,722				
Tanners Creek	Indiana	988	U3	666	3,877				
Tanners Creek	Indiana	988	U4	3,140	7,005				
Wabash River Gen Station	Indiana	1010	1	307	442				
Wabash River Gen Station	Indiana	1010	2		1,375				
Wabash River Gen Station	Indiana	1010	3		1,370				
Wabash River Gen Station	Indiana	1010	4	1,194	1,354				
Wabash River Gen Station	Indiana	1010	5		1,508				
Wabash River Gen Station	Indiana	1010	6	3,599	4,583				
Wheatland Generating Facility LLC	Indiana	55224	EU-01	18	18				
Wheatland Generating Facility LLC	Indiana	55224	EU-02	14	14				
Wheatland Generating Facility LLC	Indiana	55224	EU-03	10	10				
Wheatland Generating Facility LLC	Indiana	55224	EU-04	11	11				
Whitewater Valley	Indiana	1040	1	137	518				
Whitewater Valley	Indiana	1040	2	222	1,025				
Whiting Clean Energy, Inc.	Indiana	55259	CT1	54	54				
Whiting Clean Energy, Inc.	Indiana	55259	CT2	48	48				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
R M Schahfer Generating Station	Indiana	6085	18	2,037	2,037	6,568	6,644
Richmond (IN)	Indiana	7335	RCT1			1	1
Richmond (IN)	Indiana	7335	RCT2			0	0
Rockport	Indiana	6166	MB1			21,716	21,969
Rockport	Indiana	6166	MB2			20,320	20,556
State Line Generating Station (IN)	Indiana	981	3			3,081	3,116
State Line Generating Station (IN)	Indiana	981	4			4,888	4,945
Sugar Creek Generating Station	Indiana	55364	CT11			2	2
Sugar Creek Generating Station	Indiana	55364	CT12			2	2
Tanners Creek	Indiana	988	U1			2,020	2,043
Tanners Creek	Indiana	988	U2			1,958	1,981
Tanners Creek	Indiana	988	U3			2,686	2,717
Tanners Creek	Indiana	988	U4			5,935	6,004
Wabash River Gen Station	Indiana	1010	1			1,112	1,112
Wabash River Gen Station	Indiana	1010	2			1,325	1,341
Wabash River Gen Station	Indiana	1010	3			1,282	1,297
Wabash River Gen Station	Indiana	1010	4			1,481	1,498
Wabash River Gen Station	Indiana	1010	5			1,359	1,374
Wabash River Gen Station	Indiana	1010	6			5,041	5,099
Wheatland Generating Facility LLC	Indiana	55224	EU-01			0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-02			0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-03			0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-04			0	0
Whitewater Valley	Indiana	1040	1			300	304
Whitewater Valley	Indiana	1040	2			846	856
Whiting Clean Energy, Inc.	Indiana	55259	CT1			4	4
Whiting Clean Energy, Inc.	Indiana	55259	CT2			3	3

Plant Name	State	ORIS ID	Boiler ID	Steps 9 & 10			
				Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
R M Schahfer Generating Station	Indiana	6085	18	3,723	3,723	3,723	3,723
Richmond (IN)	Indiana	7335	RCT1	1	1	1	1
Richmond (IN)	Indiana	7335	RCT2	0	0	0	0
Rockport	Indiana	6166	MB1	12,309	12,309	12,309	12,309
Rockport	Indiana	6166	MB2	11,517	11,517	11,517	11,517
State Line Generating Station (IN)	Indiana	981	3	1,746	1,746	1,746	1,746
State Line Generating Station (IN)	Indiana	981	4	2,771	2,771	2,771	2,771
Sugar Creek Generating Station	Indiana	55364	CT11	2	2	2	2
Sugar Creek Generating Station	Indiana	55364	CT12	2	2	2	2
Tanners Creek	Indiana	988	U1	1,145	1,145	1,145	1,145
Tanners Creek	Indiana	988	U2	1,110	1,110	1,110	1,110
Tanners Creek	Indiana	988	U3	1,523	1,523	1,523	1,523
Tanners Creek	Indiana	988	U4	3,364	3,364	3,364	3,364
Wabash River Gen Station	Indiana	1010	1	1,112	1,112	1,112	1,112
Wabash River Gen Station	Indiana	1010	2	751	751	751	751
Wabash River Gen Station	Indiana	1010	3	727	727	727	727
Wabash River Gen Station	Indiana	1010	4	840	840	840	840
Wabash River Gen Station	Indiana	1010	5	770	770	770	770
Wabash River Gen Station	Indiana	1010	6	2,857	2,857	2,857	2,857
Wheatland Generating Facility LLC	Indiana	55224	EU-01	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-02	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-03	0	0	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-04	0	0	0	0
Whitewater Valley	Indiana	1040	1	170	170	170	170
Whitewater Valley	Indiana	1040	2	479	479	479	479
Whiting Clean Energy, Inc.	Indiana	55259	CT1	4	4	4	4
Whiting Clean Energy, Inc.	Indiana	55259	CT2	3	3	3	3

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
R M Schahfer Generating Station	Indiana	6085	18				
Richmond (IN)	Indiana	7335	RCT1				
Richmond (IN)	Indiana	7335	RCT2				
Rockport	Indiana	6166	MB1				
Rockport	Indiana	6166	MB2				
State Line Generating Station (IN)	Indiana	981	3				
State Line Generating Station (IN)	Indiana	981	4				
Sugar Creek Generating Station	Indiana	55364	CT11				
Sugar Creek Generating Station	Indiana	55364	CT12				
Tanners Creek	Indiana	988	U1				
Tanners Creek	Indiana	988	U2				
Tanners Creek	Indiana	988	U3				
Tanners Creek	Indiana	988	U4				
Wabash River Gen Station	Indiana	1010	1				
Wabash River Gen Station	Indiana	1010	2				
Wabash River Gen Station	Indiana	1010	3				
Wabash River Gen Station	Indiana	1010	4				
Wabash River Gen Station	Indiana	1010	5				
Wabash River Gen Station	Indiana	1010	6				
Wheatland Generating Facility LLC	Indiana	55224	EU-01				
Wheatland Generating Facility LLC	Indiana	55224	EU-02				
Wheatland Generating Facility LLC	Indiana	55224	EU-03				
Wheatland Generating Facility LLC	Indiana	55224	EU-04				
Whitewater Valley	Indiana	1040	1				
Whitewater Valley	Indiana	1040	2				
Whiting Clean Energy, Inc.	Indiana	55259	CT1				
Whiting Clean Energy, Inc.	Indiana	55259	CT2				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)			
R M Schahfer Generating Station	Indiana	6085	18			12,675,658	12,074,117	12,719,092
Richmond (IN)	Indiana	7335	RCT1			14,934	13,769	19,855
Richmond (IN)	Indiana	7335	RCT2			15,240	14,356	19,714
Rockport	Indiana	6166	MB1			40,786,517	35,338,275	38,624,330
Rockport	Indiana	6166	MB2			40,819,455	26,865,347	37,218,633
State Line Generating Station (IN)	Indiana	981	3			5,240,592	4,697,987	6,664,615
State Line Generating Station (IN)	Indiana	981	4			6,855,905	9,107,845	9,180,430
Sugar Creek Generating Station	Indiana	55364	CT11			759,129	946,546	619,660
Sugar Creek Generating Station	Indiana	55364	CT12			817,231	918,567	593,522
Tanners Creek	Indiana	988	U1			3,909,824	3,961,478	2,963,423
Tanners Creek	Indiana	988	U2			3,807,675	4,175,959	3,458,157
Tanners Creek	Indiana	988	U3			5,279,692	6,005,405	4,293,454
Tanners Creek	Indiana	988	U4			13,771,880	13,705,775	10,501,994
Wabash River Gen Station	Indiana	1010	1			4,228,343	4,200,491	2,601,960
Wabash River Gen Station	Indiana	1010	2			1,777,933	2,506,311	2,670,690
Wabash River Gen Station	Indiana	1010	3			2,372,071	1,865,865	2,610,721
Wabash River Gen Station	Indiana	1010	4			2,442,545	2,517,247	2,678,219
Wabash River Gen Station	Indiana	1010	5			2,465,346	2,070,361	2,783,274
Wabash River Gen Station	Indiana	1010	6			9,903,299	8,196,817	8,638,775
Wheatland Generating Facility LLC	Indiana	55224	EU-01			78,816	45,107	25,308
Wheatland Generating Facility LLC	Indiana	55224	EU-02			74,427	31,451	22,255
Wheatland Generating Facility LLC	Indiana	55224	EU-03			69,932	47,433	12,558
Wheatland Generating Facility LLC	Indiana	55224	EU-04			73,795	63,128	53,151
Whitewater Valley	Indiana	1040	1			660,280	748,718	529,644
Whitewater Valley	Indiana	1040	2			1,809,626	1,620,065	2,071,327
Whiting Clean Energy, Inc.	Indiana	55259	CT1			2,239,293	3,529,740	2,891,100
Whiting Clean Energy, Inc.	Indiana	55259	CT2			2,142,969	3,013,573	3,364,232

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
R M Schahfer Generating Station	Indiana	6085	18	10,826,981	11,058,405	12,489,622	574,501,876	0.021740
Richmond (IN)	Indiana	7335	RCT1	1,304	15,564	16,784	574,501,876	0.000029
Richmond (IN)	Indiana	7335	RCT2	1,158	3,831	16,437	574,501,876	0.000029
Rockport	Indiana	6166	MB1	38,049,671	42,430,078	40,613,642	574,501,876	0.070694
Rockport	Indiana	6166	MB2	37,629,698	29,415,824	38,555,929	574,501,876	0.067112
State Line Generating Station (IN)	Indiana	981	3	5,503,013	6,060,313	6,075,980	574,501,876	0.010576
State Line Generating Station (IN)	Indiana	981	4	5,988,704	8,216,388	8,834,888	574,501,876	0.015378
Sugar Creek Generating Station	Indiana	55364	CT11	1,471,663	2,781,864	1,733,358	574,501,876	0.003017
Sugar Creek Generating Station	Indiana	55364	CT12	1,433,355	2,786,524	1,712,815	574,501,876	0.002981
Tanners Creek	Indiana	988	U1	343,714	1,832,694	3,611,575	574,501,876	0.006286
Tanners Creek	Indiana	988	U2	939,074	2,113,301	3,813,931	574,501,876	0.006639
Tanners Creek	Indiana	988	U3	2,459,155	1,977,739	5,192,850	574,501,876	0.009039
Tanners Creek	Indiana	988	U4	6,106,055	11,405,268	12,960,975	574,501,876	0.022560
Wabash River Gen Station	Indiana	1010	1	2,524,633	4,748,674	4,392,503	574,501,876	0.007646
Wabash River Gen Station	Indiana	1010	2	1,560,333		2,318,311	574,501,876	0.004035
Wabash River Gen Station	Indiana	1010	3	1,078,840		2,282,886	574,501,876	0.003974
Wabash River Gen Station	Indiana	1010	4	2,463,281	3,149,517	2,781,661	574,501,876	0.004842
Wabash River Gen Station	Indiana	1010	5	805,921		2,439,660	574,501,876	0.004247
Wabash River Gen Station	Indiana	1010	6	8,024,619	11,621,411	10,054,495	574,501,876	0.017501
Wheatland Generating Facility LLC	Indiana	55224	EU-01	35,282	197,352	107,091	574,501,876	0.000186
Wheatland Generating Facility LLC	Indiana	55224	EU-02	32,543	165,379	90,783	574,501,876	0.000158
Wheatland Generating Facility LLC	Indiana	55224	EU-03	24,543	127,560	81,642	574,501,876	0.000142
Wheatland Generating Facility LLC	Indiana	55224	EU-04	16,440	129,211	88,711	574,501,876	0.000154
Whitewater Valley	Indiana	1040	1	197,136	499,858	646,214	574,501,876	0.001125
Whitewater Valley	Indiana	1040	2	305,822	955,656	1,833,673	574,501,876	0.003192
Whiting Clean Energy, Inc.	Indiana	55259	CT1	2,945,276	6,330,026	4,268,347	574,501,876	0.007430
Whiting Clean Energy, Inc.	Indiana	55259	CT2	3,616,325	3,770,076	3,583,545	574,501,876	0.006238

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
R M Schahfer Generating Station	Indiana	6085	18	45,470	44,790	989	974	1,101	940
Richmond (IN)	Indiana	7335	RCT1	45,470	44,790	1	1	1	0
Richmond (IN)	Indiana	7335	RCT2	45,470	44,790	1	1	0	0
Rockport	Indiana	6166	MB1	45,470	44,790	3,214	3,166	7,310	4,067
Rockport	Indiana	6166	MB2	45,470	44,790	3,052	3,006	7,884	3,408
State Line Generating Station (IN)	Indiana	981	3	45,470	44,790	481	474	633	449
State Line Generating Station (IN)	Indiana	981	4	45,470	44,790	699	689	2,106	2,297
Sugar Creek Generating Station	Indiana	55364	CT11	45,470	44,790	137	135	161	12
Sugar Creek Generating Station	Indiana	55364	CT12	45,470	44,790	136	134	92	13
Tanners Creek	Indiana	988	U1	45,470	44,790	286	282	955	314
Tanners Creek	Indiana	988	U2	45,470	44,790	302	297	884	526
Tanners Creek	Indiana	988	U3	45,470	44,790	411	405	1,318	702
Tanners Creek	Indiana	988	U4	45,470	44,790	1,026	1,010	2,214	2,065
Wabash River Gen Station	Indiana	1010	1	45,470	44,790	348	342	212	53
Wabash River Gen Station	Indiana	1010	2	45,470	44,790	183	181	543	367
Wabash River Gen Station	Indiana	1010	3	45,470	44,790	181	178	527	409
Wabash River Gen Station	Indiana	1010	4	45,470	44,790	220	217	496	451
Wabash River Gen Station	Indiana	1010	5	45,470	44,790	193	190	550	476
Wabash River Gen Station	Indiana	1010	6	45,470	44,790	796	784	1,930	1,769
Wheatland Generating Facility LLC	Indiana	55224	EU-01	45,470	44,790	8	8	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-02	45,470	44,790	7	7	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-03	45,470	44,790	6	6	0	0
Wheatland Generating Facility LLC	Indiana	55224	EU-04	45,470	44,790	7	7	0	0
Whitewater Valley	Indiana	1040	1	45,470	44,790	51	50	200	149
Whitewater Valley	Indiana	1040	2	45,470	44,790	145	143	499	256
Whiting Clean Energy, Inc.	Indiana	55259	CT1	45,470	44,790	338	333	7	7
Whiting Clean Energy, Inc.	Indiana	55259	CT2	45,470	44,790	284	279	7	5

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
R M Schahfer Generating Station	Indiana	6085	18	1,395	1,069	1,017	1,210	1,127	1,075
Richmond (IN)	Indiana	7335	RCT1	1	1	1	1	0	1
Richmond (IN)	Indiana	7335	RCT2	0	1	1	1	0	0
Rockport	Indiana	6166	MB1	3,707	4,945	3,908	4,416	4,250	4,969
Rockport	Indiana	6166	MB2	4,248	4,922	2,915	4,260	4,206	3,447
State Line Generating Station (IN)	Indiana	981	3	471	573	541	859	674	832
State Line Generating Station (IN)	Indiana	981	4	1,837	1,648	2,224	2,369	1,827	2,580
Sugar Creek Generating Station	Indiana	55364	CT11	14	10	27	8	13	23
Sugar Creek Generating Station	Indiana	55364	CT12	34	6	13	7	12	23
Tanners Creek	Indiana	988	U1	461	554	615	493	49	256
Tanners Creek	Indiana	988	U2	500	538	639	575	130	297
Tanners Creek	Indiana	988	U3	504	756	935	716	348	274
Tanners Creek	Indiana	988	U4	1,884	1,647	1,667	1,736	757	1,230
Wabash River Gen Station	Indiana	1010	1	119	147	156	97	87	177
Wabash River Gen Station	Indiana	1010	2	410	318	436	461	271	
Wabash River Gen Station	Indiana	1010	3	408	425	325	452	189	
Wabash River Gen Station	Indiana	1010	4	457	435	439	463	421	476
Wabash River Gen Station	Indiana	1010	5	445	440	367	484	146	
Wabash River Gen Station	Indiana	1010	6	1,458	1,743	1,389	1,457	1,353	1,735
Wheatland Generating Facility LLC	Indiana	55224	EU-01	2	4	3	2	2	12
Wheatland Generating Facility LLC	Indiana	55224	EU-02	1	3	2	2	2	10
Wheatland Generating Facility LLC	Indiana	55224	EU-03	1	3	3	1	2	7
Wheatland Generating Facility LLC	Indiana	55224	EU-04	2	3	5	5	1	8
Whitewater Valley	Indiana	1040	1	152	93	110	77	30	62
Whitewater Valley	Indiana	1040	2	285	253	241	311	46	122
Whiting Clean Energy, Inc.	Indiana	55259	CT1	15	11	16	14	14	26
Whiting Clean Energy, Inc.	Indiana	55259	CT2	16	11	15	14	16	15

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
R M Schahfer Generating Station	Indiana	6085	18	1,395		2,177	2,131	2,037	
Richmond (IN)	Indiana	7335	RCT1	1					
Richmond (IN)	Indiana	7335	RCT2	1					
Rockport	Indiana	6166	MB1	7,310					
Rockport	Indiana	6166	MB2	7,884					
State Line Generating Station (IN)	Indiana	981	3	859					
State Line Generating Station (IN)	Indiana	981	4	2,580					
Sugar Creek Generating Station	Indiana	55364	CT11	161					
Sugar Creek Generating Station	Indiana	55364	CT12	92					
Tanners Creek	Indiana	988	U1	955					
Tanners Creek	Indiana	988	U2	884					
Tanners Creek	Indiana	988	U3	1,318					
Tanners Creek	Indiana	988	U4	2,214					
Wabash River Gen Station	Indiana	1010	1	212					
Wabash River Gen Station	Indiana	1010	2	543					
Wabash River Gen Station	Indiana	1010	3	527					
Wabash River Gen Station	Indiana	1010	4	496					
Wabash River Gen Station	Indiana	1010	5	550					
Wabash River Gen Station	Indiana	1010	6	1,930					
Wheatland Generating Facility LLC	Indiana	55224	EU-01	12					
Wheatland Generating Facility LLC	Indiana	55224	EU-02	10					
Wheatland Generating Facility LLC	Indiana	55224	EU-03	7					
Wheatland Generating Facility LLC	Indiana	55224	EU-04	8					
Whitewater Valley	Indiana	1040	1	200					
Whitewater Valley	Indiana	1040	2	499					
Whiting Clean Energy, Inc.	Indiana	55259	CT1	26					
Whiting Clean Energy, Inc.	Indiana	55259	CT2	16					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
R M Schahfer Generating Station	Indiana	6085	18	2,037	2,037		
Richmond (IN)	Indiana	7335	RCT1				
Richmond (IN)	Indiana	7335	RCT2				
Rockport	Indiana	6166	MB1				
Rockport	Indiana	6166	MB2				
State Line Generating Station (IN)	Indiana	981	3				
State Line Generating Station (IN)	Indiana	981	4				
Sugar Creek Generating Station	Indiana	55364	CT11				
Sugar Creek Generating Station	Indiana	55364	CT12				
Tanners Creek	Indiana	988	U1				
Tanners Creek	Indiana	988	U2				
Tanners Creek	Indiana	988	U3				
Tanners Creek	Indiana	988	U4				
Wabash River Gen Station	Indiana	1010	1				
Wabash River Gen Station	Indiana	1010	2				
Wabash River Gen Station	Indiana	1010	3				
Wabash River Gen Station	Indiana	1010	4				
Wabash River Gen Station	Indiana	1010	5				
Wabash River Gen Station	Indiana	1010	6				
Wheatland Generating Facility LLC	Indiana	55224	EU-01				
Wheatland Generating Facility LLC	Indiana	55224	EU-02				
Wheatland Generating Facility LLC	Indiana	55224	EU-03				
Wheatland Generating Facility LLC	Indiana	55224	EU-04				
Whitewater Valley	Indiana	1040	1				
Whitewater Valley	Indiana	1040	2				
Whiting Clean Energy, Inc.	Indiana	55259	CT1				
Whiting Clean Energy, Inc.	Indiana	55259	CT2				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
R M Schahfer Generating Station	Indiana	6085	18				
Richmond (IN)	Indiana	7335	RCT1				
Richmond (IN)	Indiana	7335	RCT2				
Rockport	Indiana	6166	MB1				
Rockport	Indiana	6166	MB2				
State Line Generating Station (IN)	Indiana	981	3				
State Line Generating Station (IN)	Indiana	981	4				
Sugar Creek Generating Station	Indiana	55364	CT11				
Sugar Creek Generating Station	Indiana	55364	CT12				
Tanners Creek	Indiana	988	U1				
Tanners Creek	Indiana	988	U2				
Tanners Creek	Indiana	988	U3				
Tanners Creek	Indiana	988	U4				
Wabash River Gen Station	Indiana	1010	1				
Wabash River Gen Station	Indiana	1010	2				
Wabash River Gen Station	Indiana	1010	3				
Wabash River Gen Station	Indiana	1010	4				
Wabash River Gen Station	Indiana	1010	5				
Wabash River Gen Station	Indiana	1010	6				
Wheatland Generating Facility LLC	Indiana	55224	EU-01				
Wheatland Generating Facility LLC	Indiana	55224	EU-02				
Wheatland Generating Facility LLC	Indiana	55224	EU-03				
Wheatland Generating Facility LLC	Indiana	55224	EU-04				
Whitewater Valley	Indiana	1040	1				
Whitewater Valley	Indiana	1040	2				
Whiting Clean Energy, Inc.	Indiana	55259	CT1				
Whiting Clean Energy, Inc.	Indiana	55259	CT2				

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
R M Schahfer Generating Station	Indiana	6085	18	Y	Y		Y		
Richmond (IN)	Indiana	7335	RCT1	Y	Y		Y		
Richmond (IN)	Indiana	7335	RCT2	Y	Y		Y		
Rockport	Indiana	6166	MB1	Y	Y		Y		
Rockport	Indiana	6166	MB2	Y	Y		Y		
State Line Generating Station (IN)	Indiana	981	3	Y	Y		Y		
State Line Generating Station (IN)	Indiana	981	4	Y	Y		Y		
Sugar Creek Generating Station	Indiana	55364	CT11	Y	Y		Y		
Sugar Creek Generating Station	Indiana	55364	CT12	Y	Y		Y		
Tanners Creek	Indiana	988	U1	Y	Y		Y		
Tanners Creek	Indiana	988	U2	Y	Y		Y		
Tanners Creek	Indiana	988	U3	Y	Y		Y		
Tanners Creek	Indiana	988	U4	Y	Y		Y		
Wabash River Gen Station	Indiana	1010	1	Y	Y		Y		
Wabash River Gen Station	Indiana	1010	2	Y	Y		Y		
Wabash River Gen Station	Indiana	1010	3	Y	Y		Y		
Wabash River Gen Station	Indiana	1010	4	Y	Y		Y		
Wabash River Gen Station	Indiana	1010	5	Y	Y		Y		
Wabash River Gen Station	Indiana	1010	6	Y	Y		Y		
Wheatland Generating Facility LLC	Indiana	55224	EU-01	Y	Y		Y		
Wheatland Generating Facility LLC	Indiana	55224	EU-02	Y	Y		Y		
Wheatland Generating Facility LLC	Indiana	55224	EU-03	Y	Y		Y		
Wheatland Generating Facility LLC	Indiana	55224	EU-04	Y	Y		Y		
Whitewater Valley	Indiana	1040	1	Y	Y		Y		
Whitewater Valley	Indiana	1040	2	Y	Y		Y		
Whiting Clean Energy, Inc.	Indiana	55259	CT1	Y	Y		Y		
Whiting Clean Energy, Inc.	Indiana	55259	CT2	Y	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Worthington Generation	Indiana	55148	1	4017	49,732	90,950	75,282	41,306	78,627
Worthington Generation	Indiana	55148	2	4018	48,897	119,958	74,803	25,031	55,917
Worthington Generation	Indiana	55148	3	4019	38,420	72,500	47,928	29,505	52,297
Worthington Generation	Indiana	55148	4	4020	46,229	102,399	69,819	43,980	72,534
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1		125,952	209,426	78,607	294,016	213,376
Chanute 2	Kansas	1268	14	2247	183,125	474,256	274,266	287,017	216,003
Cimarron River	Kansas	1230	1	808	1,817,103	1,589,589	904,482	1,385,760	881,711
Clifton	Kansas	8037	T1		332,020	323,396	302,281	196,568	
Coffeyville	Kansas	1271	4	841	255,319	19,213	431	6,340	12,300
East 12th Street	Kansas	7013	4	2915	9,865	7,801	34,209	170,891	77,995
Emporia Energy Center	Kansas	56502	EEC1	89850			286,767	710,706	651,691
Emporia Energy Center	Kansas	56502	EEC2	89851			360,874	783,643	636,699
Emporia Energy Center	Kansas	56502	EEC3	89852			388,397	795,159	655,088
Emporia Energy Center	Kansas	56502	EEC4	89853			353,934	752,872	663,706
Emporia Energy Center	Kansas	56502	EEC5	89854			368,840	439,769	432,416
Emporia Energy Center	Kansas	56502	EEC6	89855				448,363	653,724
Emporia Energy Center	Kansas	56502	EEC7	89856				433,393	430,542
Fort Dodge aka Judson Large	Kansas	1233	4	810	3,418,990	5,399,837	4,776,537	4,737,094	4,073,131
Garden City	Kansas	1336	S-2	871	988,334	391,626	713,853	716,313	652,475
Garden City	Kansas	1336	S4		109,121	84,047	92,408	48,786	49,205
Garden City	Kansas	1336	S5		109,121	84,047	92,408	48,786	49,205
Gordon Evans Energy Center	Kansas	1240	1	814	1,298,075	1,373,088	2,403,519	2,207,333	1,760,537
Gordon Evans Energy Center	Kansas	1240	2	815	3,487,164	4,679,748	3,588,629	5,053,192	4,189,215
Gordon Evans Energy Center	Kansas	1240	E1CT	816	207,211	165,951	124,893	42,628	94,533
Gordon Evans Energy Center	Kansas	1240	E2CT	817	205,152	166,748	116,585	32,560	98,980
Gordon Evans Energy Center	Kansas	1240	E3CT	818	631,024	475,061	561,400	382,962	825,045
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	811	1,236,687	1,875,673	1,517,258	1,800,150	1,212,809

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Worthington Generation	Indiana	55148	1	81,620	1,326,412,000	0.000062	282,039	161,456
Worthington Generation	Indiana	55148	2	83,559	1,326,412,000	0.000063	282,039	161,456
Worthington Generation	Indiana	55148	3	57,575	1,326,412,000	0.000043	282,039	161,456
Worthington Generation	Indiana	55148	4	81,584	1,326,412,000	0.000062	282,039	161,456
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	238,939	427,324,730	0.000559	41,140	41,140
Chanute 2	Kansas	1268	14	345,180	427,324,730	0.000808	41,140	41,140
Cimarron River	Kansas	1230	1	1,597,484	427,324,730	0.003738	41,140	41,140
Clifton	Kansas	8037	T1	319,232	427,324,730	0.000747	41,140	41,140
Coffeyville	Kansas	1271	4	95,610	427,324,730	0.000224	41,140	41,140
East 12th Street	Kansas	7013	4	94,365	427,324,730	0.000221	41,140	41,140
Emporia Energy Center	Kansas	56502	EEC1	549,721	427,324,730	0.001286	41,140	41,140
Emporia Energy Center	Kansas	56502	EEC2	593,739	427,324,730	0.001389	41,140	41,140
Emporia Energy Center	Kansas	56502	EEC3	612,881	427,324,730	0.001434	41,140	41,140
Emporia Energy Center	Kansas	56502	EEC4	590,171	427,324,730	0.001381	41,140	41,140
Emporia Energy Center	Kansas	56502	EEC5	413,675	427,324,730	0.000968	41,140	41,140
Emporia Energy Center	Kansas	56502	EEC6	551,044	427,324,730	0.001290	41,140	41,140
Emporia Energy Center	Kansas	56502	EEC7	431,967	427,324,730	0.001011	41,140	41,140
Fort Dodge aka Judson Large	Kansas	1233	4	4,971,156	427,324,730	0.011633	41,140	41,140
Garden City	Kansas	1336	S-2	806,167	427,324,730	0.001887	41,140	41,140
Garden City	Kansas	1336	S4	95,192	427,324,730	0.000223	41,140	41,140
Garden City	Kansas	1336	S5	95,192	427,324,730	0.000223	41,140	41,140
Gordon Evans Energy Center	Kansas	1240	1	2,123,796	427,324,730	0.004970	41,140	41,140
Gordon Evans Energy Center	Kansas	1240	2	4,640,718	427,324,730	0.010860	41,140	41,140
Gordon Evans Energy Center	Kansas	1240	E1CT	166,018	427,324,730	0.000389	41,140	41,140
Gordon Evans Energy Center	Kansas	1240	E2CT	162,828	427,324,730	0.000381	41,140	41,140
Gordon Evans Energy Center	Kansas	1240	E3CT	672,490	427,324,730	0.001574	41,140	41,140
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	1,731,027	427,324,730	0.004051	41,140	41,140

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Worthington Generation	Indiana	55148	1	106,434	105,171	17	10	7	6
Worthington Generation	Indiana	55148	2	106,434	105,171	18	10	7	7
Worthington Generation	Indiana	55148	3	106,434	105,171	12	7	5	5
Worthington Generation	Indiana	55148	4	106,434	105,171	17	10	7	6
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	30,727	30,727	23	23	17	17
Chanute 2	Kansas	1268	14	30,727	30,727	33	33	25	25
Cimarron River	Kansas	1230	1	30,727	30,727	154	154	115	115
Clifton	Kansas	8037	T1	30,727	30,727	31	31	23	23
Coffeyville	Kansas	1271	4	30,727	30,727	9	9	7	7
East 12th Street	Kansas	7013	4	30,727	30,727	9	9	7	7
Emporia Energy Center	Kansas	56502	EEC1	30,727	30,727	53	53	40	40
Emporia Energy Center	Kansas	56502	EEC2	30,727	30,727	57	57	43	43
Emporia Energy Center	Kansas	56502	EEC3	30,727	30,727	59	59	44	44
Emporia Energy Center	Kansas	56502	EEC4	30,727	30,727	57	57	42	42
Emporia Energy Center	Kansas	56502	EEC5	30,727	30,727	40	40	30	30
Emporia Energy Center	Kansas	56502	EEC6	30,727	30,727	53	53	40	40
Emporia Energy Center	Kansas	56502	EEC7	30,727	30,727	42	42	31	31
Fort Dodge aka Judson Large	Kansas	1233	4	30,727	30,727	479	479	357	357
Garden City	Kansas	1336	S-2	30,727	30,727	78	78	58	58
Garden City	Kansas	1336	S4	30,727	30,727	9	9	7	7
Garden City	Kansas	1336	S5	30,727	30,727	9	9	7	7
Gordon Evans Energy Center	Kansas	1240	1	30,727	30,727	204	204	153	153
Gordon Evans Energy Center	Kansas	1240	2	30,727	30,727	447	447	334	334
Gordon Evans Energy Center	Kansas	1240	E1CT	30,727	30,727	16	16	12	12
Gordon Evans Energy Center	Kansas	1240	E2CT	30,727	30,727	16	16	12	12
Gordon Evans Energy Center	Kansas	1240	E3CT	30,727	30,727	65	65	48	48
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	30,727	30,727	167	167	124	124

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Worthington Generation	Indiana	55148	1	0	0	0	0	0
Worthington Generation	Indiana	55148	2	0	0	0	0	0
Worthington Generation	Indiana	55148	3	0	0	0	0	0
Worthington Generation	Indiana	55148	4	0	0	0	0	0
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1			0		0
Chanute 2	Kansas	1268	14	0	0	0	0	0
Cimarron River	Kansas	1230	1	0	0	0	1	0
Clifton	Kansas	8037	T1			3		1
Coffeyville	Kansas	1271	4	0		0	0	0
East 12th Street	Kansas	7013	4	0		4		0
Emporia Energy Center	Kansas	56502	EEC1					
Emporia Energy Center	Kansas	56502	EEC2					
Emporia Energy Center	Kansas	56502	EEC3					
Emporia Energy Center	Kansas	56502	EEC4					
Emporia Energy Center	Kansas	56502	EEC5					
Emporia Energy Center	Kansas	56502	EEC6					
Emporia Energy Center	Kansas	56502	EEC7					
Fort Dodge aka Judson Large	Kansas	1233	4	1	1	1	1	2
Garden City	Kansas	1336	S-2	0	0	0	0	0
Garden City	Kansas	1336	S4			0		0
Garden City	Kansas	1336	S5			0		0
Gordon Evans Energy Center	Kansas	1240	1	1,186	1,428	2,464	0	0
Gordon Evans Energy Center	Kansas	1240	2	3,775	3,410	3,874	1	1
Gordon Evans Energy Center	Kansas	1240	E1CT	0	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	E2CT	0	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	E3CT	0	0	0	0	0
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	0	0	0	0	1

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns V - AC		
Worthington Generation	Indiana	55148	1	0	0	0	0		
Worthington Generation	Indiana	55148	2	0	0	0	0		
Worthington Generation	Indiana	55148	3	0	0	0	0		
Worthington Generation	Indiana	55148	4	0	0	0	0		
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1				0		
Chanute 2	Kansas	1268	14	0	0	0	0		
Cimarron River	Kansas	1230	1	0	0	0	1		
Clifton	Kansas	8037	T1				3		
Coffeyville	Kansas	1271	4		0	0	0		
East 12th Street	Kansas	7013	4	0	0	0	4		
Emporia Energy Center	Kansas	56502	EEC1	0	0	0	0		
Emporia Energy Center	Kansas	56502	EEC2	0	0	0	0		
Emporia Energy Center	Kansas	56502	EEC3	0	0	0	0		
Emporia Energy Center	Kansas	56502	EEC4	0	0	0	0		
Emporia Energy Center	Kansas	56502	EEC5	0	0	0	0		
Emporia Energy Center	Kansas	56502	EEC6		0	0	0		
Emporia Energy Center	Kansas	56502	EEC7		0	0	0		
Fort Dodge aka Judson Large	Kansas	1233	4	1	1	1	2		
Garden City	Kansas	1336	S-2	0	0	0	0		
Garden City	Kansas	1336	S4				0		
Garden City	Kansas	1336	S5				0		
Gordon Evans Energy Center	Kansas	1240	1	1	1	1	2,464		
Gordon Evans Energy Center	Kansas	1240	2	1	2	1	3,874		
Gordon Evans Energy Center	Kansas	1240	E1CT	0	0	0	0		
Gordon Evans Energy Center	Kansas	1240	E2CT	0	0	0	0		
Gordon Evans Energy Center	Kansas	1240	E3CT	0	0	0	0		
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	0	1	0	1		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Worthington Generation	Indiana	55148	1					5	10
Worthington Generation	Indiana	55148	2					7	11
Worthington Generation	Indiana	55148	3					5	11
Worthington Generation	Indiana	55148	4					6	10
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1						6
Chanute 2	Kansas	1268	14					2	1
Cimarron River	Kansas	1230	1					111	69
Clifton	Kansas	8037	T1						4
Coffeyville	Kansas	1271	4					16	
East 12th Street	Kansas	7013	4					3	
Emporia Energy Center	Kansas	56502	EEC1						
Emporia Energy Center	Kansas	56502	EEC2						
Emporia Energy Center	Kansas	56502	EEC3						
Emporia Energy Center	Kansas	56502	EEC4						
Emporia Energy Center	Kansas	56502	EEC5						
Emporia Energy Center	Kansas	56502	EEC6						
Emporia Energy Center	Kansas	56502	EEC7						
Fort Dodge aka Judson Large	Kansas	1233	4					369	316
Garden City	Kansas	1336	S-2					103	42
Garden City	Kansas	1336	S4						5
Garden City	Kansas	1336	S5						5
Gordon Evans Energy Center	Kansas	1240	1					322	385
Gordon Evans Energy Center	Kansas	1240	2					2,044	1,330
Gordon Evans Energy Center	Kansas	1240	E1CT					4	2
Gordon Evans Energy Center	Kansas	1240	E2CT					5	3
Gordon Evans Energy Center	Kansas	1240	E3CT					6	2
Great Bend Station aka Arthur Mullergren	Kansas	1235	3					128	100

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Worthington Generation	Indiana	55148	1	9	2	4	3	2
Worthington Generation	Indiana	55148	2	8	2	5	3	1
Worthington Generation	Indiana	55148	3	9	1	3	2	1
Worthington Generation	Indiana	55148	4	8	2	4	3	2
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	10		29		
Chanute 2	Kansas	1268	14	5	16	51	28	40
Cimarron River	Kansas	1230	1	137	186	156	84	141
Clifton	Kansas	8037	T1	34		45		
Coffeyville	Kansas	1271	4	12	16	1	0	0
East 12th Street	Kansas	7013	4	16	1	1	5	22
Emporia Energy Center	Kansas	56502	EEC1				13	30
Emporia Energy Center	Kansas	56502	EEC2				16	33
Emporia Energy Center	Kansas	56502	EEC3				17	33
Emporia Energy Center	Kansas	56502	EEC4				16	31
Emporia Energy Center	Kansas	56502	EEC5				7	8
Emporia Energy Center	Kansas	56502	EEC6					7
Emporia Energy Center	Kansas	56502	EEC7					7
Fort Dodge aka Judson Large	Kansas	1233	4	376	373	485	401	378
Garden City	Kansas	1336	S-2	46	149	51	97	103
Garden City	Kansas	1336	S4	4		12		
Garden City	Kansas	1336	S5	4		12		
Gordon Evans Energy Center	Kansas	1240	1	465	203	129	233	223
Gordon Evans Energy Center	Kansas	1240	2	1,473	982	908	615	809
Gordon Evans Energy Center	Kansas	1240	E1CT	2	3	2	2	1
Gordon Evans Energy Center	Kansas	1240	E2CT	3	4	3	2	1
Gordon Evans Energy Center	Kansas	1240	E3CT	4	11	8	10	5
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	190	161	240	164	151

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Worthington Generation	Indiana	55148	1	3	10				
Worthington Generation	Indiana	55148	2	2	11				
Worthington Generation	Indiana	55148	3	2	11				
Worthington Generation	Indiana	55148	4	3	10				
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1		29				
Chanute 2	Kansas	1268	14	27	51				
Cimarron River	Kansas	1230	1	96	186				
Clifton	Kansas	8037	T1		45				
Coffeyville	Kansas	1271	4	1	16				
East 12th Street	Kansas	7013	4	9	22				
Emporia Energy Center	Kansas	56502	EEC1	28	30				
Emporia Energy Center	Kansas	56502	EEC2	28	33				
Emporia Energy Center	Kansas	56502	EEC3	28	33				
Emporia Energy Center	Kansas	56502	EEC4	29	31				
Emporia Energy Center	Kansas	56502	EEC5	7	8				
Emporia Energy Center	Kansas	56502	EEC6	11	11				
Emporia Energy Center	Kansas	56502	EEC7	7	7				
Fort Dodge aka Judson Large	Kansas	1233	4	262	485				
Garden City	Kansas	1336	S-2	88	149				
Garden City	Kansas	1336	S4		12				
Garden City	Kansas	1336	S5		12				
Gordon Evans Energy Center	Kansas	1240	1	179	465				
Gordon Evans Energy Center	Kansas	1240	2	636	2,044				
Gordon Evans Energy Center	Kansas	1240	E1CT	2	4				
Gordon Evans Energy Center	Kansas	1240	E2CT	3	5				
Gordon Evans Energy Center	Kansas	1240	E3CT	12	12				
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	107	240				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Worthington Generation	Indiana	55148	1			0	0
Worthington Generation	Indiana	55148	2			0	0
Worthington Generation	Indiana	55148	3			0	0
Worthington Generation	Indiana	55148	4			0	0
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1			0	0
Chanute 2	Kansas	1268	14			0	0
Cimarron River	Kansas	1230	1			1	1
Clifton	Kansas	8037	T1			3	3
Coffeyville	Kansas	1271	4			0	0
East 12th Street	Kansas	7013	4			4	4
Emporia Energy Center	Kansas	56502	EEC1			0	0
Emporia Energy Center	Kansas	56502	EEC2			0	0
Emporia Energy Center	Kansas	56502	EEC3			0	0
Emporia Energy Center	Kansas	56502	EEC4			0	0
Emporia Energy Center	Kansas	56502	EEC5			0	0
Emporia Energy Center	Kansas	56502	EEC6			0	0
Emporia Energy Center	Kansas	56502	EEC7			0	0
Fort Dodge aka Judson Large	Kansas	1233	4			2	2
Garden City	Kansas	1336	S-2			0	0
Garden City	Kansas	1336	S4			0	0
Garden City	Kansas	1336	S5			0	0
Gordon Evans Energy Center	Kansas	1240	1			326	326
Gordon Evans Energy Center	Kansas	1240	2			713	713
Gordon Evans Energy Center	Kansas	1240	E1CT			0	0
Gordon Evans Energy Center	Kansas	1240	E2CT			0	0
Gordon Evans Energy Center	Kansas	1240	E3CT			0	0
Great Bend Station aka Arthur Mullergren	Kansas	1235	3			1	1

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Worthington Generation	Indiana	55148	1	0	0	0	0
Worthington Generation	Indiana	55148	2	0	0	0	0
Worthington Generation	Indiana	55148	3	0	0	0	0
Worthington Generation	Indiana	55148	4	0	0	0	0
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	0	0	0	0
Chanute 2	Kansas	1268	14	0	0	0	0
Cimarron River	Kansas	1230	1	1	1	1	1
Clifton	Kansas	8037	T1	3	3	3	3
Coffeyville	Kansas	1271	4	0	0	0	0
East 12th Street	Kansas	7013	4	4	4	4	4
Emporia Energy Center	Kansas	56502	EEC1	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC2	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC3	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC4	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC5	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC6	0	0	0	0
Emporia Energy Center	Kansas	56502	EEC7	0	0	0	0
Fort Dodge aka Judson Large	Kansas	1233	4	2	2	2	2
Garden City	Kansas	1336	S-2	0	0	0	0
Garden City	Kansas	1336	S4	0	0	0	0
Garden City	Kansas	1336	S5	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	1	326	326	326	326
Gordon Evans Energy Center	Kansas	1240	2	713	713	713	713
Gordon Evans Energy Center	Kansas	1240	E1CT	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	E2CT	0	0	0	0
Gordon Evans Energy Center	Kansas	1240	E3CT	0	0	0	0
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Worthington Generation	Indiana	55148	1				
Worthington Generation	Indiana	55148	2				
Worthington Generation	Indiana	55148	3				
Worthington Generation	Indiana	55148	4				
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	17	17	17	17
Chanute 2	Kansas	1268	14	25	25	25	25
Cimarron River	Kansas	1230	1	116	116	116	116
Clifton	Kansas	8037	T1	23	23	23	23
Coffeyville	Kansas	1271	4	7	7	7	7
East 12th Street	Kansas	7013	4	7	7	7	7
Emporia Energy Center	Kansas	56502	EEC1	30	30	30	30
Emporia Energy Center	Kansas	56502	EEC2	33	33	33	33
Emporia Energy Center	Kansas	56502	EEC3	33	33	33	33
Emporia Energy Center	Kansas	56502	EEC4	31	31	31	31
Emporia Energy Center	Kansas	56502	EEC5	8	8	8	8
Emporia Energy Center	Kansas	56502	EEC6	11	11	11	11
Emporia Energy Center	Kansas	56502	EEC7	7	7	7	7
Fort Dodge aka Judson Large	Kansas	1233	4	361	361	361	361
Garden City	Kansas	1336	S-2	59	59	59	59
Garden City	Kansas	1336	S4	7	7	7	7
Garden City	Kansas	1336	S5	7	7	7	7
Gordon Evans Energy Center	Kansas	1240	1	154	154	154	154
Gordon Evans Energy Center	Kansas	1240	2	337	337	337	337
Gordon Evans Energy Center	Kansas	1240	E1CT	4	4	4	4
Gordon Evans Energy Center	Kansas	1240	E2CT	5	5	5	5
Gordon Evans Energy Center	Kansas	1240	E3CT	12	12	12	12
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	126	126	126	126

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Worthington Generation	Indiana	55148	1			42,392	73,646	39,351
Worthington Generation	Indiana	55148	2			43,109	94,876	38,735
Worthington Generation	Indiana	55148	3			31,033	57,994	23,334
Worthington Generation	Indiana	55148	4			38,886	89,347	34,198
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	17	19	69,298	171,907	75,931
Chanute 2	Kansas	1268	14	25	28	183,125	473,959	274,266
Cimarron River	Kansas	1230	1	116	130	738,262	713,232	748,898
Clifton	Kansas	8037	T1	23	26	181,168	265,461	176,422
Coffeyville	Kansas	1271	4	7	8	255,319	18,239	431
East 12th Street	Kansas	7013	4	7	8	9,865	7,801	34,064
Emporia Energy Center	Kansas	56502	EEC1	30	30			101,243
Emporia Energy Center	Kansas	56502	EEC2	33	33			175,473
Emporia Energy Center	Kansas	56502	EEC3	33	33			200,716
Emporia Energy Center	Kansas	56502	EEC4	31	31			174,064
Emporia Energy Center	Kansas	56502	EEC5	8	8			181,594
Emporia Energy Center	Kansas	56502	EEC6	11	11			
Emporia Energy Center	Kansas	56502	EEC7	7	7			
Fort Dodge aka Judson Large	Kansas	1233	4	361	403	2,316,241	2,600,009	2,177,698
Garden City	Kansas	1336	S-2	59	65	226,514	350,254	581,068
Garden City	Kansas	1336	S4	7	8	65,509	67,168	73,564
Garden City	Kansas	1336	S5	7	8	65,509	67,168	73,564
Gordon Evans Energy Center	Kansas	1240	1	154	172	1,187,791	1,156,702	1,316,810
Gordon Evans Energy Center	Kansas	1240	2	337	377	2,928,606	3,786,804	2,094,338
Gordon Evans Energy Center	Kansas	1240	E1CT	4	4	170,008	126,508	46,028
Gordon Evans Energy Center	Kansas	1240	E2CT	5	5	176,450	116,533	44,595
Gordon Evans Energy Center	Kansas	1240	E3CT	12	12	503,404	399,168	148,021
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	126	140	1,184,978	1,506,001	1,153,854

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Worthington Generation	Indiana	55148	1	16,756	75,744	63,927	574,501,876	0.000111
Worthington Generation	Indiana	55148	2	11,181	55,729	64,572	574,501,876	0.000112
Worthington Generation	Indiana	55148	3	13,039	48,432	45,820	574,501,876	0.000080
Worthington Generation	Indiana	55148	4	13,820	69,703	65,979	574,501,876	0.000115
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	290,979	212,110	224,999	192,470,408	0.001169
Chanute 2	Kansas	1268	14	279,604	216,003	342,610	192,470,408	0.001780
Cimarron River	Kansas	1230	1	1,123,456	803,402	891,919	192,470,408	0.004634
Clifton	Kansas	8037	T1	119,334		207,684	192,470,408	0.001079
Coffeyville	Kansas	1271	4	6,340	12,300	95,286	192,470,408	0.000495
East 12th Street	Kansas	7013	4	162,102	76,917	91,028	192,470,408	0.000473
Emporia Energy Center	Kansas	56502	EEC1	352,508	389,040	280,930	192,470,408	0.001460
Emporia Energy Center	Kansas	56502	EEC2	409,795	359,711	314,993	192,470,408	0.001637
Emporia Energy Center	Kansas	56502	EEC3	411,934	382,706	331,786	192,470,408	0.001724
Emporia Energy Center	Kansas	56502	EEC4	390,250	375,400	313,238	192,470,408	0.001627
Emporia Energy Center	Kansas	56502	EEC5	306,809	395,932	294,778	192,470,408	0.001532
Emporia Energy Center	Kansas	56502	EEC6	354,329	516,150	435,239	192,470,408	0.002261
Emporia Energy Center	Kansas	56502	EEC7	334,359	344,999	339,679	192,470,408	0.001765
Fort Dodge aka Judson Large	Kansas	1233	4	2,217,517	1,819,054	2,377,922	192,470,408	0.012355
Garden City	Kansas	1336	S-2	633,432	557,864	590,788	192,470,408	0.003070
Garden City	Kansas	1336	S4	29,283	41,037	68,747	192,470,408	0.000357
Garden City	Kansas	1336	S5	29,283	41,037	68,747	192,470,408	0.000357
Gordon Evans Energy Center	Kansas	1240	1	1,285,904	1,019,708	1,263,501	192,470,408	0.006565
Gordon Evans Energy Center	Kansas	1240	2	2,819,024	2,819,830	3,178,413	192,470,408	0.016514
Gordon Evans Energy Center	Kansas	1240	E1CT	24,602	81,084	125,867	192,470,408	0.000654
Gordon Evans Energy Center	Kansas	1240	E2CT	20,120	88,049	127,010	192,470,408	0.000660
Gordon Evans Energy Center	Kansas	1240	E3CT	270,235	680,476	527,683	192,470,408	0.002742
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	1,306,306	1,042,732	1,332,428	192,470,408	0.006923

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Worthington Generation	Indiana	55148	1	45,470	44,790	5	5	4	6
Worthington Generation	Indiana	55148	2	45,470	44,790	5	5	6	6
Worthington Generation	Indiana	55148	3	45,470	44,790	4	4	4	7
Worthington Generation	Indiana	55148	4	45,470	44,790	5	5	6	5
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1						5
Chanute 2	Kansas	1268	14					2	1
Cimarron River	Kansas	1230	1					60	33
Clifton	Kansas	8037	T1						3
Coffeyville	Kansas	1271	4					16	
East 12th Street	Kansas	7013	4					3	
Emporia Energy Center	Kansas	56502	EEC1						
Emporia Energy Center	Kansas	56502	EEC2						
Emporia Energy Center	Kansas	56502	EEC3						
Emporia Energy Center	Kansas	56502	EEC4						
Emporia Energy Center	Kansas	56502	EEC5						
Emporia Energy Center	Kansas	56502	EEC6						
Emporia Energy Center	Kansas	56502	EEC7						
Fort Dodge aka Judson Large	Kansas	1233	4					200	162
Garden City	Kansas	1336	S-2					76	25
Garden City	Kansas	1336	S4						2
Garden City	Kansas	1336	S5						2
Gordon Evans Energy Center	Kansas	1240	1					190	206
Gordon Evans Energy Center	Kansas	1240	2					1,161	728
Gordon Evans Energy Center	Kansas	1240	E1CT					2	1
Gordon Evans Energy Center	Kansas	1240	E2CT					3	2
Gordon Evans Energy Center	Kansas	1240	E3CT					5	2
Great Bend Station aka Arthur Mullergren	Kansas	1235	3					122	100

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Worthington Generation	Indiana	55148	1	5	2	3	2	1	3
Worthington Generation	Indiana	55148	2	3	2	4	1	0	2
Worthington Generation	Indiana	55148	3	4	1	2	1	0	2
Worthington Generation	Indiana	55148	4	5	1	3	1	0	3
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	5		24			
Chanute 2	Kansas	1268	14	5	16	51	28	38	27
Cimarron River	Kansas	1230	1	88	77	74	69	114	88
Clifton	Kansas	8037	T1	18		37			
Coffeyville	Kansas	1271	4	12	16	1	0	0	1
East 12th Street	Kansas	7013	4	16	1	1	4	21	9
Emporia Energy Center	Kansas	56502	EEC1				4	15	17
Emporia Energy Center	Kansas	56502	EEC2				8	17	16
Emporia Energy Center	Kansas	56502	EEC3				9	17	17
Emporia Energy Center	Kansas	56502	EEC4				8	16	16
Emporia Energy Center	Kansas	56502	EEC5				3	6	6
Emporia Energy Center	Kansas	56502	EEC6					6	8
Emporia Energy Center	Kansas	56502	EEC7					5	5
Fort Dodge aka Judson Large	Kansas	1233	4	211	261	237	180	186	114
Garden City	Kansas	1336	S-2	20	32	44	75	90	74
Garden City	Kansas	1336	S4	4		9			
Garden City	Kansas	1336	S5	4		9			
Gordon Evans Energy Center	Kansas	1240	1	203	186	109	123	134	107
Gordon Evans Energy Center	Kansas	1240	2	978	847	757	397	477	443
Gordon Evans Energy Center	Kansas	1240	E1CT	2	2	2	1	0	1
Gordon Evans Energy Center	Kansas	1240	E2CT	2	3	2	1	0	1
Gordon Evans Energy Center	Kansas	1240	E3CT	3	8	6	3	4	9
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	187	154	193	126	112	94

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Worthington Generation	Indiana	55148	1	6					
Worthington Generation	Indiana	55148	2	6					
Worthington Generation	Indiana	55148	3	7					
Worthington Generation	Indiana	55148	4	6					
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	24					
Chanute 2	Kansas	1268	14	51					
Cimarron River	Kansas	1230	1	114					
Clifton	Kansas	8037	T1	37					
Coffeyville	Kansas	1271	4	16					
East 12th Street	Kansas	7013	4	21					
Emporia Energy Center	Kansas	56502	EEC1	17					
Emporia Energy Center	Kansas	56502	EEC2	17					
Emporia Energy Center	Kansas	56502	EEC3	17					
Emporia Energy Center	Kansas	56502	EEC4	16					
Emporia Energy Center	Kansas	56502	EEC5	6					
Emporia Energy Center	Kansas	56502	EEC6	8					
Emporia Energy Center	Kansas	56502	EEC7	5					
Fort Dodge aka Judson Large	Kansas	1233	4	261					
Garden City	Kansas	1336	S-2	90					
Garden City	Kansas	1336	S4	9					
Garden City	Kansas	1336	S5	9					
Gordon Evans Energy Center	Kansas	1240	1	206					
Gordon Evans Energy Center	Kansas	1240	2	1,161					
Gordon Evans Energy Center	Kansas	1240	E1CT	2					
Gordon Evans Energy Center	Kansas	1240	E2CT	3					
Gordon Evans Energy Center	Kansas	1240	E3CT	9					
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	193					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Worthington Generation	Indiana	55148	1				
Worthington Generation	Indiana	55148	2				
Worthington Generation	Indiana	55148	3				
Worthington Generation	Indiana	55148	4				
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1				
Chanute 2	Kansas	1268	14				
Cimarron River	Kansas	1230	1				
Clifton	Kansas	8037	T1				
Coffeyville	Kansas	1271	4				
East 12th Street	Kansas	7013	4				
Emporia Energy Center	Kansas	56502	EEC1				
Emporia Energy Center	Kansas	56502	EEC2				
Emporia Energy Center	Kansas	56502	EEC3				
Emporia Energy Center	Kansas	56502	EEC4				
Emporia Energy Center	Kansas	56502	EEC5				
Emporia Energy Center	Kansas	56502	EEC6				
Emporia Energy Center	Kansas	56502	EEC7				
Fort Dodge aka Judson Large	Kansas	1233	4				
Garden City	Kansas	1336	S-2				
Garden City	Kansas	1336	S4				
Garden City	Kansas	1336	S5				
Gordon Evans Energy Center	Kansas	1240	1				
Gordon Evans Energy Center	Kansas	1240	2				
Gordon Evans Energy Center	Kansas	1240	E1CT				
Gordon Evans Energy Center	Kansas	1240	E2CT				
Gordon Evans Energy Center	Kansas	1240	E3CT				
Great Bend Station aka Arthur Mullergren	Kansas	1235	3				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Worthington Generation	Indiana	55148	1				
Worthington Generation	Indiana	55148	2				
Worthington Generation	Indiana	55148	3				
Worthington Generation	Indiana	55148	4				
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1				
Chanute 2	Kansas	1268	14				
Cimarron River	Kansas	1230	1				
Clifton	Kansas	8037	T1				
Coffeyville	Kansas	1271	4				
East 12th Street	Kansas	7013	4				
Emporia Energy Center	Kansas	56502	EEC1				
Emporia Energy Center	Kansas	56502	EEC2				
Emporia Energy Center	Kansas	56502	EEC3				
Emporia Energy Center	Kansas	56502	EEC4				
Emporia Energy Center	Kansas	56502	EEC5				
Emporia Energy Center	Kansas	56502	EEC6				
Emporia Energy Center	Kansas	56502	EEC7				
Fort Dodge aka Judson Large	Kansas	1233	4				
Garden City	Kansas	1336	S-2				
Garden City	Kansas	1336	S4				
Garden City	Kansas	1336	S5				
Gordon Evans Energy Center	Kansas	1240	1				
Gordon Evans Energy Center	Kansas	1240	2				
Gordon Evans Energy Center	Kansas	1240	E1CT				
Gordon Evans Energy Center	Kansas	1240	E2CT				
Gordon Evans Energy Center	Kansas	1240	E3CT				
Great Bend Station aka Arthur Mullergren	Kansas	1235	3				

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Worthington Generation	Indiana	55148	1	Y	Y		Y		
Worthington Generation	Indiana	55148	2	Y	Y		Y		
Worthington Generation	Indiana	55148	3	Y	Y		Y		
Worthington Generation	Indiana	55148	4	Y	Y		Y		
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	Y		Y		Y	
Chanute 2	Kansas	1268	14	Y		Y			
Cimarron River	Kansas	1230	1	Y		Y			
Clifton	Kansas	8037	T1	Y		Y		Y	
Coffeyville	Kansas	1271	4	Y		Y			
East 12th Street	Kansas	7013	4	Y		Y			
Emporia Energy Center	Kansas	56502	EEC1	Y		Y			
Emporia Energy Center	Kansas	56502	EEC2	Y		Y			
Emporia Energy Center	Kansas	56502	EEC3	Y		Y			
Emporia Energy Center	Kansas	56502	EEC4	Y		Y			
Emporia Energy Center	Kansas	56502	EEC5	Y		Y			
Emporia Energy Center	Kansas	56502	EEC6	Y		Y			
Emporia Energy Center	Kansas	56502	EEC7	Y		Y			
Fort Dodge aka Judson Large	Kansas	1233	4	Y		Y			
Garden City	Kansas	1336	S-2	Y		Y			
Garden City	Kansas	1336	S4	Y		Y		Y	
Garden City	Kansas	1336	S5	Y		Y		Y	
Gordon Evans Energy Center	Kansas	1240	1	Y		Y			
Gordon Evans Energy Center	Kansas	1240	2	Y		Y			
Gordon Evans Energy Center	Kansas	1240	E1CT	Y		Y			
Gordon Evans Energy Center	Kansas	1240	E2CT	Y		Y			
Gordon Evans Energy Center	Kansas	1240	E3CT	Y		Y			
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	Y		Y			

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Holcomb	Kansas	108	SGU1	60	24,744,298	30,066,294	29,583,134	27,579,164	27,740,634
Hutchinson Energy Center	Kansas	1248	4	831	1,220,708	1,723,879	3,045,011	1,844,328	1,788,543
Hutchinson Energy Center	Kansas	1248	GT1					5,389	8,454
Hutchinson Energy Center	Kansas	1248	GT2					5,389	8,454
Hutchinson Energy Center	Kansas	1248	GT3					5,389	8,454
Hutchinson Energy Center	Kansas	1248	GT4					5,389	8,454
Jeffrey Energy Center	Kansas	6068	1	2734	51,567,299	60,473,764	44,589,719	46,602,394	55,008,766
Jeffrey Energy Center	Kansas	6068	2	2735	49,751,335	54,594,885	56,216,253	45,729,903	50,889,324
Jeffrey Energy Center	Kansas	6068	3	2736	56,967,585	49,135,584	46,143,491	50,854,400	46,324,599
La Cygne	Kansas	1241	1	819	55,396,296	53,949,525	47,691,806	50,302,481	46,054,951
La Cygne	Kansas	1241	2	820	44,750,590	54,818,848	52,875,676	45,371,504	49,305,668
Lawrence Energy Center	Kansas	1250	3	833	4,070,468	4,977,084	5,032,416	3,844,956	4,430,654
Lawrence Energy Center	Kansas	1250	4	834	8,974,308	10,561,984	8,209,363	8,658,429	6,967,594
Lawrence Energy Center	Kansas	1250	5	835	27,718,758	26,577,311	29,093,933	23,456,492	25,757,103
McPherson 2	Kansas	1305	GT1		44,724	24,179	6,695	17,947	6,235
McPherson 2	Kansas	1305	GT2		43,983	23,778	6,584	17,947	6,235
McPherson 2	Kansas	1305	GT3		43,983	23,778	6,584	17,947	6,235
McPherson 3	Kansas	7515	1	3124	243,086	379,772	139,713	119,512	47,236
Murray Gill Energy Center	Kansas	1242	1	821	89,982	70,726	79,703	67,108	147,674
Murray Gill Energy Center	Kansas	1242	2	822	239,054	183,271	161,929	376,076	261,146
Murray Gill Energy Center	Kansas	1242	3	823	923,746	1,007,906	1,463,479	1,847,021	1,282,944
Murray Gill Energy Center	Kansas	1242	4	824	697,052	866,143	1,269,716	1,130,200	881,516
Nearman Creek	Kansas	6064	CT4	89528	413,118	331,596	186,390	193,987	474,718
Nearman Creek	Kansas	6064	N1	2731	16,608,851	21,182,464	17,920,166	17,390,608	19,171,192
Neosho Energy Center	Kansas	1243	7	825	116,311	113,078	53,993	13,458	
Osawatomie Generating Station	Kansas	7928	1	3383	184,258	129,441	31,341	25,033	25,095
Quindaro	Kansas	1295	1	855	5,801,641	6,207,902	6,530,911	5,609,138	5,654,911

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Holcomb	Kansas	108	SGU1	29,130,021	427,324,730	0.068168	41,140	41,140
Hutchinson Energy Center	Kansas	1248	4	2,225,961	427,324,730	0.005209	41,140	41,140
Hutchinson Energy Center	Kansas	1248	GT1	6,921	427,324,730	0.000016	41,140	41,140
Hutchinson Energy Center	Kansas	1248	GT2	6,921	427,324,730	0.000016	41,140	41,140
Hutchinson Energy Center	Kansas	1248	GT3	6,921	427,324,730	0.000016	41,140	41,140
Hutchinson Energy Center	Kansas	1248	GT4	6,921	427,324,730	0.000016	41,140	41,140
Jeffrey Energy Center	Kansas	6068	1	55,683,277	427,324,730	0.130307	41,140	41,140
Jeffrey Energy Center	Kansas	6068	2	53,900,154	427,324,730	0.126134	41,140	41,140
Jeffrey Energy Center	Kansas	6068	3	52,319,190	427,324,730	0.122434	41,140	41,140
La Cygne	Kansas	1241	1	53,216,100	427,324,730	0.124533	41,140	41,140
La Cygne	Kansas	1241	2	52,333,397	427,324,730	0.122468	41,140	41,140
Lawrence Energy Center	Kansas	1250	3	4,813,385	427,324,730	0.011264	41,140	41,140
Lawrence Energy Center	Kansas	1250	4	9,398,240	427,324,730	0.021993	41,140	41,140
Lawrence Energy Center	Kansas	1250	5	27,796,667	427,324,730	0.065048	41,140	41,140
McPherson 2	Kansas	1305	GT1	28,950	427,324,730	0.000068	41,140	41,140
McPherson 2	Kansas	1305	GT2	28,569	427,324,730	0.000067	41,140	41,140
McPherson 2	Kansas	1305	GT3	28,569	427,324,730	0.000067	41,140	41,140
McPherson 3	Kansas	7515	1	254,191	427,324,730	0.000595	41,140	41,140
Murray Gill Energy Center	Kansas	1242	1	105,786	427,324,730	0.000248	41,140	41,140
Murray Gill Energy Center	Kansas	1242	2	292,092	427,324,730	0.000684	41,140	41,140
Murray Gill Energy Center	Kansas	1242	3	1,531,148	427,324,730	0.003583	41,140	41,140
Murray Gill Energy Center	Kansas	1242	4	1,093,811	427,324,730	0.002560	41,140	41,140
Nearman Creek	Kansas	6064	CT4	406,477	427,324,730	0.000951	41,140	41,140
Nearman Creek	Kansas	6064	N1	19,424,607	427,324,730	0.045456	41,140	41,140
Neosho Energy Center	Kansas	1243	7	94,461	427,324,730	0.000221	41,140	41,140
Osawatomie Generating Station	Kansas	7928	1	115,014	427,324,730	0.000269	41,140	41,140
Quindaro	Kansas	1295	1	6,180,151	427,324,730	0.014462	41,140	41,140

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Holcomb	Kansas	108	SGU1	30,727	30,727	2,804	2,804	2,095	2,095
Hutchinson Energy Center	Kansas	1248	4	30,727	30,727	214	214	160	160
Hutchinson Energy Center	Kansas	1248	GT1	30,727	30,727	1	1	0	0
Hutchinson Energy Center	Kansas	1248	GT2	30,727	30,727	1	1	0	0
Hutchinson Energy Center	Kansas	1248	GT3	30,727	30,727	1	1	0	0
Hutchinson Energy Center	Kansas	1248	GT4	30,727	30,727	1	1	0	0
Jeffrey Energy Center	Kansas	6068	1	30,727	30,727	5,361	5,361	4,004	4,004
Jeffrey Energy Center	Kansas	6068	2	30,727	30,727	5,189	5,189	3,876	3,876
Jeffrey Energy Center	Kansas	6068	3	30,727	30,727	5,037	5,037	3,762	3,762
La Cygne	Kansas	1241	1	30,727	30,727	5,123	5,123	3,827	3,827
La Cygne	Kansas	1241	2	30,727	30,727	5,038	5,038	3,763	3,763
Lawrence Energy Center	Kansas	1250	3	30,727	30,727	463	463	346	346
Lawrence Energy Center	Kansas	1250	4	30,727	30,727	905	905	676	676
Lawrence Energy Center	Kansas	1250	5	30,727	30,727	2,676	2,676	1,999	1,999
McPherson 2	Kansas	1305	GT1	30,727	30,727	3	3	2	2
McPherson 2	Kansas	1305	GT2	30,727	30,727	3	3	2	2
McPherson 2	Kansas	1305	GT3	30,727	30,727	3	3	2	2
McPherson 3	Kansas	7515	1	30,727	30,727	24	24	18	18
Murray Gill Energy Center	Kansas	1242	1	30,727	30,727	10	10	8	8
Murray Gill Energy Center	Kansas	1242	2	30,727	30,727	28	28	21	21
Murray Gill Energy Center	Kansas	1242	3	30,727	30,727	147	147	110	110
Murray Gill Energy Center	Kansas	1242	4	30,727	30,727	105	105	79	79
Nearman Creek	Kansas	6064	CT4	30,727	30,727	39	39	29	29
Nearman Creek	Kansas	6064	N1	30,727	30,727	1,870	1,870	1,397	1,397
Neosho Energy Center	Kansas	1243	7	30,727	30,727	9	9	7	7
Osawatomie Generating Station	Kansas	7928	1	30,727	30,727	11	11	8	8
Quindaro	Kansas	1295	1	30,727	30,727	595	595	444	444

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Holcomb	Kansas	108	SGU1	2,228	2,131	1,772	1,154	1,076
Hutchinson Energy Center	Kansas	1248	4	2,130	1,856	1,847	0	1
Hutchinson Energy Center	Kansas	1248	GT1		0	0		0
Hutchinson Energy Center	Kansas	1248	GT2		0	0		0
Hutchinson Energy Center	Kansas	1248	GT3		0	0		0
Hutchinson Energy Center	Kansas	1248	GT4		1	0		0
Jeffrey Energy Center	Kansas	6068	1	21,605	20,965	23,744	21,188	24,763
Jeffrey Energy Center	Kansas	6068	2	23,594	20,561	25,525	20,260	21,582
Jeffrey Energy Center	Kansas	6068	3	22,412	18,454	20,295	23,035	19,428
La Cygne	Kansas	1241	1	11,248	6,495	6,650	7,566	4,854
La Cygne	Kansas	1241	2	20,606	20,694	20,974	14,855	18,201
Lawrence Energy Center	Kansas	1250	3	1,855	1,583	1,456	1,101	1,258
Lawrence Energy Center	Kansas	1250	4	619	439	475	296	275
Lawrence Energy Center	Kansas	1250	5	4,028	2,003	1,830	1,216	1,005
McPherson 2	Kansas	1305	GT1			0		0
McPherson 2	Kansas	1305	GT2			0		0
McPherson 2	Kansas	1305	GT3			0		0
McPherson 3	Kansas	7515	1	0	0	0	0	0
Murray Gill Energy Center	Kansas	1242	1	0		0	0	0
Murray Gill Energy Center	Kansas	1242	2	250	35	16	0	0
Murray Gill Energy Center	Kansas	1242	3	1,197	1,281	1,633	0	0
Murray Gill Energy Center	Kansas	1242	4	971	1,158	1,297	0	0
Nearman Creek	Kansas	6064	CT4				7	1
Nearman Creek	Kansas	6064	N1	8,727	8,024	7,242	6,020	7,327
Neosho Energy Center	Kansas	1243	7	11		8	0	0
Osawatomie Generating Station	Kansas	7928	1	0	0	0	0	0
Quindaro	Kansas	1295	1	2,007	2,310	2,178	1,807	2,009

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Holcomb	Kansas	108	SGU1	1,956	1,948	1,711	2,228		
Hutchinson Energy Center	Kansas	1248	4	1	1	1	2,130		
Hutchinson Energy Center	Kansas	1248	GT1				0		
Hutchinson Energy Center	Kansas	1248	GT2				0		
Hutchinson Energy Center	Kansas	1248	GT3				0		
Hutchinson Energy Center	Kansas	1248	GT4				1		
Jeffrey Energy Center	Kansas	6068	1	8,620	653	517	24,763	2,270	2,270
Jeffrey Energy Center	Kansas	6068	2	21,880	4,093	338	25,525	2,197	2,197
Jeffrey Energy Center	Kansas	6068	3	17,434	1,287	358	23,035	2,133	2,133
La Cygne	Kansas	1241	1	4,336	5,086	3,802	11,248		
La Cygne	Kansas	1241	2	19,037	16,243	16,698	20,974		
Lawrence Energy Center	Kansas	1250	3	1,281	1,162	1,379	1,855		
Lawrence Energy Center	Kansas	1250	4	197	260	217	619		
Lawrence Energy Center	Kansas	1250	5	1,226	1,350	1,595	4,028		
McPherson 2	Kansas	1305	GT1				0		
McPherson 2	Kansas	1305	GT2				0		
McPherson 2	Kansas	1305	GT3				0		
McPherson 3	Kansas	7515	1	0	0	0	0		
Murray Gill Energy Center	Kansas	1242	1	0	0	0	0		
Murray Gill Energy Center	Kansas	1242	2	0	0	0	250		
Murray Gill Energy Center	Kansas	1242	3	0	1	0	1,633		
Murray Gill Energy Center	Kansas	1242	4	0	0	0	1,297		
Nearman Creek	Kansas	6064	CT4	0	0	0	7		
Nearman Creek	Kansas	6064	N1	5,992	5,931	6,126	8,727		
Neosho Energy Center	Kansas	1243	7	0	0		11		
Osawatomie Generating Station	Kansas	7928	1	0	0	0	0		
Quindaro	Kansas	1295	1	2,014	1,611	1,698	2,310		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Holcomb	Kansas	108	SGU1					4,036	4,384
Hutchinson Energy Center	Kansas	1248	4					370	287
Hutchinson Energy Center	Kansas	1248	GT1						3
Hutchinson Energy Center	Kansas	1248	GT2						3
Hutchinson Energy Center	Kansas	1248	GT3						3
Hutchinson Energy Center	Kansas	1248	GT4						3
Jeffrey Energy Center	Kansas	6068	1	2,270	2,270	2,270	2,270	9,420	9,413
Jeffrey Energy Center	Kansas	6068	2	2,197	2,197	2,197	2,197	9,867	8,301
Jeffrey Energy Center	Kansas	6068	3	2,133	2,133	2,133	2,133	11,419	10,532
La Cygne	Kansas	1241	1					28,694	28,891
La Cygne	Kansas	1241	2					9,340	10,287
Lawrence Energy Center	Kansas	1250	3					668	795
Lawrence Energy Center	Kansas	1250	4					1,775	1,821
Lawrence Energy Center	Kansas	1250	5					3,196	3,255
McPherson 2	Kansas	1305	GT1						1
McPherson 2	Kansas	1305	GT2						1
McPherson 2	Kansas	1305	GT3						1
McPherson 3	Kansas	7515	1					8	12
Murray Gill Energy Center	Kansas	1242	1					7	
Murray Gill Energy Center	Kansas	1242	2					64	8
Murray Gill Energy Center	Kansas	1242	3					254	253
Murray Gill Energy Center	Kansas	1242	4					262	269
Nearman Creek	Kansas	6064	CT4						
Nearman Creek	Kansas	6064	N1					4,629	4,316
Neosho Energy Center	Kansas	1243	7					3	
Osawatomie Generating Station	Kansas	7928	1					2	0
Quindaro	Kansas	1295	1					1,924	2,209

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Holcomb	Kansas	108	SGU1	4,533	3,926	4,704	4,542	4,355
Hutchinson Energy Center	Kansas	1248	4	298	168	234	381	204
Hutchinson Energy Center	Kansas	1248	GT1	2		8		
Hutchinson Energy Center	Kansas	1248	GT2	2		8		
Hutchinson Energy Center	Kansas	1248	GT3	2		8		
Hutchinson Energy Center	Kansas	1248	GT4	2		9		
Jeffrey Energy Center	Kansas	6068	1	10,978	9,328	12,824	5,161	4,688
Jeffrey Energy Center	Kansas	6068	2	10,715	8,969	10,094	10,405	8,106
Jeffrey Energy Center	Kansas	6068	3	10,882	4,351	3,939	4,253	4,416
La Cygne	Kansas	1241	1	20,983	26,415	9,665	2,756	2,652
La Cygne	Kansas	1241	2	9,321	7,096	8,562	8,274	7,052
Lawrence Energy Center	Kansas	1250	3	722	504	564	696	546
Lawrence Energy Center	Kansas	1250	4	1,832	1,646	1,764	1,271	1,347
Lawrence Energy Center	Kansas	1250	5	2,598	2,521	2,318	2,348	2,108
McPherson 2	Kansas	1305	GT1	1		3		
McPherson 2	Kansas	1305	GT2	1		3		
McPherson 2	Kansas	1305	GT3	1		3		
McPherson 3	Kansas	7515	1	11	20	32	11	9
Murray Gill Energy Center	Kansas	1242	1	2	10	3	7	7
Murray Gill Energy Center	Kansas	1242	2	9	24	18	15	37
Murray Gill Energy Center	Kansas	1242	3	349	122	110	166	198
Murray Gill Energy Center	Kansas	1242	4	320	138	116	181	185
Nearman Creek	Kansas	6064	CT4		38	5	2	28
Nearman Creek	Kansas	6064	N1	4,137	3,829	4,647	3,595	3,231
Neosho Energy Center	Kansas	1243	7	3	10	10	3	1
Osawatomie Generating Station	Kansas	7928	1	1	2	2	1	0
Quindaro	Kansas	1295	1	2,088	2,277	2,428	2,549	2,217

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Holcomb	Kansas	108	SGU1	4,234	4,704				
Hutchinson Energy Center	Kansas	1248	4	178	381				
Hutchinson Energy Center	Kansas	1248	GT1		8				
Hutchinson Energy Center	Kansas	1248	GT2		8				
Hutchinson Energy Center	Kansas	1248	GT3		8				
Hutchinson Energy Center	Kansas	1248	GT4		9				
Jeffrey Energy Center	Kansas	6068	1	4,564	12,824				
Jeffrey Energy Center	Kansas	6068	2	9,462	10,715				
Jeffrey Energy Center	Kansas	6068	3	4,322	11,419				
La Cygne	Kansas	1241	1	2,047	28,891				
La Cygne	Kansas	1241	2	7,541	10,287				
Lawrence Energy Center	Kansas	1250	3	655	795				
Lawrence Energy Center	Kansas	1250	4	1,129	1,832				
Lawrence Energy Center	Kansas	1250	5	2,503	3,255				
McPherson 2	Kansas	1305	GT1		3				
McPherson 2	Kansas	1305	GT2		3				
McPherson 2	Kansas	1305	GT3		3				
McPherson 3	Kansas	7515	1	4	32				
Murray Gill Energy Center	Kansas	1242	1	14	14				
Murray Gill Energy Center	Kansas	1242	2	27	64				
Murray Gill Energy Center	Kansas	1242	3	145	349				
Murray Gill Energy Center	Kansas	1242	4	142	320				
Nearman Creek	Kansas	6064	CT4	29	38				
Nearman Creek	Kansas	6064	N1	3,856	4,647				
Neosho Energy Center	Kansas	1243	7		10				
Osawatomie Generating Station	Kansas	7928	1	0	2				
Quindaro	Kansas	1295	1	2,355	2,549				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Holcomb	Kansas	108	SGU1			2,228	2,228
Hutchinson Energy Center	Kansas	1248	4			342	342
Hutchinson Energy Center	Kansas	1248	GT1			0	0
Hutchinson Energy Center	Kansas	1248	GT2			0	0
Hutchinson Energy Center	Kansas	1248	GT3			0	0
Hutchinson Energy Center	Kansas	1248	GT4			1	1
Jeffrey Energy Center	Kansas	6068	1		3,302	2,270	2,270
Jeffrey Energy Center	Kansas	6068	2		3,196	2,197	2,197
Jeffrey Energy Center	Kansas	6068	3		3,102	2,133	2,133
La Cygne	Kansas	1241	1			8,172	8,172
La Cygne	Kansas	1241	2			8,037	8,037
Lawrence Energy Center	Kansas	1250	3			739	739
Lawrence Energy Center	Kansas	1250	4			619	619
Lawrence Energy Center	Kansas	1250	5			4,028	4,028
McPherson 2	Kansas	1305	GT1			0	0
McPherson 2	Kansas	1305	GT2			0	0
McPherson 2	Kansas	1305	GT3			0	0
McPherson 3	Kansas	7515	1			0	0
Murray Gill Energy Center	Kansas	1242	1			0	0
Murray Gill Energy Center	Kansas	1242	2			45	45
Murray Gill Energy Center	Kansas	1242	3			235	235
Murray Gill Energy Center	Kansas	1242	4			168	168
Nearman Creek	Kansas	6064	CT4			7	7
Nearman Creek	Kansas	6064	N1			2,983	2,983
Neosho Energy Center	Kansas	1243	7			11	11
Osawatomie Generating Station	Kansas	7928	1			0	0
Quindaro	Kansas	1295	1			949	949

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Holcomb	Kansas	108	SGU1	2,228	2,228	2,228	2,228
Hutchinson Energy Center	Kansas	1248	4	342	342	342	342
Hutchinson Energy Center	Kansas	1248	GT1	0	0	0	0
Hutchinson Energy Center	Kansas	1248	GT2	0	0	0	0
Hutchinson Energy Center	Kansas	1248	GT3	0	0	0	0
Hutchinson Energy Center	Kansas	1248	GT4	1	1	1	1
Jeffrey Energy Center	Kansas	6068	1	2,270	2,270	2,270	2,270
Jeffrey Energy Center	Kansas	6068	2	2,197	2,197	2,197	2,197
Jeffrey Energy Center	Kansas	6068	3	2,133	2,133	2,133	2,133
La Cygne	Kansas	1241	1	8,172	8,172	8,172	8,172
La Cygne	Kansas	1241	2	8,037	8,037	8,037	8,037
Lawrence Energy Center	Kansas	1250	3	739	739	739	739
Lawrence Energy Center	Kansas	1250	4	619	619	619	619
Lawrence Energy Center	Kansas	1250	5	4,028	4,028	4,028	4,028
McPherson 2	Kansas	1305	GT1	0	0	0	0
McPherson 2	Kansas	1305	GT2	0	0	0	0
McPherson 2	Kansas	1305	GT3	0	0	0	0
McPherson 3	Kansas	7515	1	0	0	0	0
Murray Gill Energy Center	Kansas	1242	1	0	0	0	0
Murray Gill Energy Center	Kansas	1242	2	45	45	45	45
Murray Gill Energy Center	Kansas	1242	3	235	235	235	235
Murray Gill Energy Center	Kansas	1242	4	168	168	168	168
Nearman Creek	Kansas	6064	CT4	7	7	7	7
Nearman Creek	Kansas	6064	N1	2,983	2,983	2,983	2,983
Neosho Energy Center	Kansas	1243	7	11	11	11	11
Osawatomie Generating Station	Kansas	7928	1	0	0	0	0
Quindaro	Kansas	1295	1	949	949	949	949

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Holcomb	Kansas	108	SGU1	2,118	2,118	2,118	2,118
Hutchinson Energy Center	Kansas	1248	4	162	162	162	162
Hutchinson Energy Center	Kansas	1248	GT1	1	1	1	1
Hutchinson Energy Center	Kansas	1248	GT2	1	1	1	1
Hutchinson Energy Center	Kansas	1248	GT3	1	1	1	1
Hutchinson Energy Center	Kansas	1248	GT4	1	1	1	1
Jeffrey Energy Center	Kansas	6068	1	4,049	4,049	4,049	4,049
Jeffrey Energy Center	Kansas	6068	2	3,919	3,919	3,919	3,919
Jeffrey Energy Center	Kansas	6068	3	3,804	3,804	3,804	3,804
La Cygne	Kansas	1241	1	3,869	3,869	3,869	3,869
La Cygne	Kansas	1241	2	3,805	3,805	3,805	3,805
Lawrence Energy Center	Kansas	1250	3	350	350	350	350
Lawrence Energy Center	Kansas	1250	4	683	683	683	683
Lawrence Energy Center	Kansas	1250	5	2,021	2,021	2,021	2,021
McPherson 2	Kansas	1305	GT1	2	2	2	2
McPherson 2	Kansas	1305	GT2	2	2	2	2
McPherson 2	Kansas	1305	GT3	2	2	2	2
McPherson 3	Kansas	7515	1	18	18	18	18
Murray Gill Energy Center	Kansas	1242	1	8	8	8	8
Murray Gill Energy Center	Kansas	1242	2	21	21	21	21
Murray Gill Energy Center	Kansas	1242	3	111	111	111	111
Murray Gill Energy Center	Kansas	1242	4	80	80	80	80
Nearman Creek	Kansas	6064	CT4	30	30	30	30
Nearman Creek	Kansas	6064	N1	1,412	1,412	1,412	1,412
Neosho Energy Center	Kansas	1243	7	7	7	7	7
Osawatomie Generating Station	Kansas	7928	1	2	2	2	2
Quindaro	Kansas	1295	1	449	449	449	449

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Holcomb	Kansas	108	SGU1	2,118	2,363	11,981,824	12,775,921	12,258,289
Hutchinson Energy Center	Kansas	1248	4	162	181	1,088,358	1,559,510	1,849,594
Hutchinson Energy Center	Kansas	1248	GT1	1	1			
Hutchinson Energy Center	Kansas	1248	GT2	1	1			
Hutchinson Energy Center	Kansas	1248	GT3	1	1			
Hutchinson Energy Center	Kansas	1248	GT4	1	1			
Jeffrey Energy Center	Kansas	6068	1	4,049	3,302	21,971,197	24,933,252	20,207,839
Jeffrey Energy Center	Kansas	6068	2	3,919	3,196	23,291,798	24,901,607	22,573,568
Jeffrey Energy Center	Kansas	6068	3	3,804	3,102	24,798,995	19,790,896	21,637,895
La Cygne	Kansas	1241	1	3,869	4,318	23,134,635	25,558,801	18,059,005
La Cygne	Kansas	1241	2	3,805	4,246	22,300,796	22,599,510	23,584,466
Lawrence Energy Center	Kansas	1250	3	350	391	1,683,876	2,278,218	2,164,201
Lawrence Energy Center	Kansas	1250	4	683	763	3,567,423	4,484,848	3,195,594
Lawrence Energy Center	Kansas	1250	5	2,021	2,255	12,845,138	10,124,221	12,164,640
McPherson 2	Kansas	1305	GT1	2	2	41,778	22,525	5,738
McPherson 2	Kansas	1305	GT2	2	2	41,086	22,152	5,643
McPherson 2	Kansas	1305	GT3	2	2	41,086	22,152	5,643
McPherson 3	Kansas	7515	1	18	21	162,521	288,808	98,991
Murray Gill Energy Center	Kansas	1242	1	8	9	89,982	70,726	66,306
Murray Gill Energy Center	Kansas	1242	2	21	24	239,054	183,249	141,563
Murray Gill Energy Center	Kansas	1242	3	111	124	817,997	926,455	960,025
Murray Gill Energy Center	Kansas	1242	4	80	89	662,811	791,987	873,081
Nearman Creek	Kansas	6064	CT4	30	33	269,342	220,894	97,743
Nearman Creek	Kansas	6064	N1	1,412	1,576	7,604,827	9,484,678	6,773,962
Neosho Energy Center	Kansas	1243	7	7	8	116,311	113,078	53,993
Osawatomie Generating Station	Kansas	7928	1	2	2	177,130	109,602	11,914
Quindaro	Kansas	1295	1	449	501	2,719,453	2,637,315	2,633,034

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Holcomb	Kansas	108	SGU1	11,169,660	12,031,256	12,355,156	192,470,408	0.064192
Hutchinson Energy Center	Kansas	1248	4	1,156,735	1,087,467	1,521,946	192,470,408	0.007907
Hutchinson Energy Center	Kansas	1248	GT1	3,637	7,397	5,517	192,470,408	0.000029
Hutchinson Energy Center	Kansas	1248	GT2	3,637	7,397	5,517	192,470,408	0.000029
Hutchinson Energy Center	Kansas	1248	GT3	3,637	7,397	5,517	192,470,408	0.000029
Hutchinson Energy Center	Kansas	1248	GT4	3,637	7,397	5,517	192,470,408	0.000029
Jeffrey Energy Center	Kansas	6068	1	20,159,371	22,427,706	23,110,718	192,470,408	0.120074
Jeffrey Energy Center	Kansas	6068	2	22,600,986	20,809,135	23,598,130	192,470,408	0.122607
Jeffrey Energy Center	Kansas	6068	3	19,266,523	21,504,236	22,647,042	192,470,408	0.117665
La Cygne	Kansas	1241	1	20,419,791	23,307,999	24,000,478	192,470,408	0.124697
La Cygne	Kansas	1241	2	18,840,466	23,636,529	23,273,502	192,470,408	0.120920
Lawrence Energy Center	Kansas	1250	3	1,993,162	1,907,954	2,145,194	192,470,408	0.011146
Lawrence Energy Center	Kansas	1250	4	3,587,758	3,675,481	3,916,029	192,470,408	0.020346
Lawrence Energy Center	Kansas	1250	5	9,709,308	10,475,648	11,828,475	192,470,408	0.061456
McPherson 2	Kansas	1305	GT1	17,627	4,732	27,310	192,470,408	0.000142
McPherson 2	Kansas	1305	GT2	17,627	4,732	26,955	192,470,408	0.000140
McPherson 2	Kansas	1305	GT3	17,627	4,732	26,955	192,470,408	0.000140
McPherson 3	Kansas	7515	1	110,327	34,350	187,219	192,470,408	0.000973
Murray Gill Energy Center	Kansas	1242	1	67,108	147,674	102,794	192,470,408	0.000534
Murray Gill Energy Center	Kansas	1242	2	376,076	261,146	292,092	192,470,408	0.001518
Murray Gill Energy Center	Kansas	1242	3	1,038,971	1,050,987	1,016,661	192,470,408	0.005282
Murray Gill Energy Center	Kansas	1242	4	871,235	620,440	845,435	192,470,408	0.004393
Nearman Creek	Kansas	6064	CT4	175,557	417,451	302,562	192,470,408	0.001572
Nearman Creek	Kansas	6064	N1	7,665,260	8,508,451	8,552,796	192,470,408	0.044437
Neosho Energy Center	Kansas	1243	7			94,461	192,470,408	0.000491
Osawatomie Generating Station	Kansas	7928	1	18,764	25,095	103,942	192,470,408	0.000540
Quindaro	Kansas	1295	1	2,314,208	2,168,428	2,663,267	192,470,408	0.013837

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Holcomb	Kansas	108	SGU1					1,686	1,810
Hutchinson Energy Center	Kansas	1248	4					219	165
Hutchinson Energy Center	Kansas	1248	GT1						1
Hutchinson Energy Center	Kansas	1248	GT2						1
Hutchinson Energy Center	Kansas	1248	GT3						1
Hutchinson Energy Center	Kansas	1248	GT4						1
Jeffrey Energy Center	Kansas	6068	1					3,985	4,143
Jeffrey Energy Center	Kansas	6068	2					3,779	3,437
Jeffrey Energy Center	Kansas	6068	3					3,775	4,311
La Cygne	Kansas	1241	1					13,076	11,888
La Cygne	Kansas	1241	2					3,492	4,264
Lawrence Energy Center	Kansas	1250	3					278	331
Lawrence Energy Center	Kansas	1250	4					718	777
Lawrence Energy Center	Kansas	1250	5					1,502	1,432
McPherson 2	Kansas	1305	GT1						1
McPherson 2	Kansas	1305	GT2						1
McPherson 2	Kansas	1305	GT3						1
McPherson 3	Kansas	7515	1					8	7
Murray Gill Energy Center	Kansas	1242	1					7	
Murray Gill Energy Center	Kansas	1242	2					64	8
Murray Gill Energy Center	Kansas	1242	3					165	117
Murray Gill Energy Center	Kansas	1242	4					201	160
Nearman Creek	Kansas	6064	CT4						
Nearman Creek	Kansas	6064	N1					2,126	1,722
Neosho Energy Center	Kansas	1243	7					3	
Osawatomie Generating Station	Kansas	7928	1					2	0
Quindaro	Kansas	1295	1					867	816

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Holcomb	Kansas	108	SGU1	1,887	1,900	1,956	1,832	1,779	1,844
Hutchinson Energy Center	Kansas	1248	4	179	151	218	233	125	113
Hutchinson Energy Center	Kansas	1248	GT1	1		2			
Hutchinson Energy Center	Kansas	1248	GT2	1		2			
Hutchinson Energy Center	Kansas	1248	GT3	1		2			
Hutchinson Energy Center	Kansas	1248	GT4	1		2			
Jeffrey Energy Center	Kansas	6068	1	3,890	3,639	4,980	1,664	1,664	1,835
Jeffrey Energy Center	Kansas	6068	2	4,300	4,074	4,586	4,029	3,946	3,861
Jeffrey Energy Center	Kansas	6068	3	5,306	1,903	1,533	2,040	1,623	1,993
La Cygne	Kansas	1241	1	11,065	10,812	2,421	984	869	1,135
La Cygne	Kansas	1241	2	3,966	3,503	3,461	3,830	2,811	3,784
Lawrence Energy Center	Kansas	1250	3	339	181	244	302	285	284
Lawrence Energy Center	Kansas	1250	4	742	550	755	497	562	601
Lawrence Energy Center	Kansas	1250	5	1,195	1,186	946	991	918	1,065
McPherson 2	Kansas	1305	GT1	1		3			
McPherson 2	Kansas	1305	GT2	1		3			
McPherson 2	Kansas	1305	GT3	1		3			
McPherson 3	Kansas	7515	1	10	13	25	8	8	3
Murray Gill Energy Center	Kansas	1242	1	2	10	3	6	7	14
Murray Gill Energy Center	Kansas	1242	2	9	24	18	13	37	27
Murray Gill Energy Center	Kansas	1242	3	199	112	102	110	106	119
Murray Gill Energy Center	Kansas	1242	4	202	132	105	121	144	99
Nearman Creek	Kansas	6064	CT4		29	2	1	27	23
Nearman Creek	Kansas	6064	N1	2,076	1,756	2,030	1,390	1,525	1,766
Neosho Energy Center	Kansas	1243	7	3	10	10	3		
Osawatomie Generating Station	Kansas	7928	1	1	2	1	0	0	0
Quindaro	Kansas	1295	1	1,036	988	1,030	999	900	884

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Holcomb	Kansas	108	SGU1	1,956					
Hutchinson Energy Center	Kansas	1248	4	233					
Hutchinson Energy Center	Kansas	1248	GT1	2					
Hutchinson Energy Center	Kansas	1248	GT2	2					
Hutchinson Energy Center	Kansas	1248	GT3	2					
Hutchinson Energy Center	Kansas	1248	GT4	2					
Jeffrey Energy Center	Kansas	6068	1	4,980					
Jeffrey Energy Center	Kansas	6068	2	4,586					
Jeffrey Energy Center	Kansas	6068	3	5,306					
La Cygne	Kansas	1241	1	13,076					
La Cygne	Kansas	1241	2	4,264					
Lawrence Energy Center	Kansas	1250	3	339					
Lawrence Energy Center	Kansas	1250	4	777					
Lawrence Energy Center	Kansas	1250	5	1,502					
McPherson 2	Kansas	1305	GT1	3					
McPherson 2	Kansas	1305	GT2	3					
McPherson 2	Kansas	1305	GT3	3					
McPherson 3	Kansas	7515	1	25					
Murray Gill Energy Center	Kansas	1242	1	14					
Murray Gill Energy Center	Kansas	1242	2	64					
Murray Gill Energy Center	Kansas	1242	3	199					
Murray Gill Energy Center	Kansas	1242	4	202					
Nearman Creek	Kansas	6064	CT4	29					
Nearman Creek	Kansas	6064	N1	2,126					
Neosho Energy Center	Kansas	1243	7	10					
Osawatomie Generating Station	Kansas	7928	1	2					
Quindaro	Kansas	1295	1	1,036					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Holcomb	Kansas	108	SGU1				
Hutchinson Energy Center	Kansas	1248	4				
Hutchinson Energy Center	Kansas	1248	GT1				
Hutchinson Energy Center	Kansas	1248	GT2				
Hutchinson Energy Center	Kansas	1248	GT3				
Hutchinson Energy Center	Kansas	1248	GT4				
Jeffrey Energy Center	Kansas	6068	1		3,302		
Jeffrey Energy Center	Kansas	6068	2		3,196		
Jeffrey Energy Center	Kansas	6068	3		3,102		
La Cygne	Kansas	1241	1				
La Cygne	Kansas	1241	2				
Lawrence Energy Center	Kansas	1250	3				
Lawrence Energy Center	Kansas	1250	4				
Lawrence Energy Center	Kansas	1250	5				
McPherson 2	Kansas	1305	GT1				
McPherson 2	Kansas	1305	GT2				
McPherson 2	Kansas	1305	GT3				
McPherson 3	Kansas	7515	1				
Murray Gill Energy Center	Kansas	1242	1				
Murray Gill Energy Center	Kansas	1242	2				
Murray Gill Energy Center	Kansas	1242	3				
Murray Gill Energy Center	Kansas	1242	4				
Nearman Creek	Kansas	6064	CT4				
Nearman Creek	Kansas	6064	N1				
Neosho Energy Center	Kansas	1243	7				
Osawatomie Generating Station	Kansas	7928	1				
Quindaro	Kansas	1295	1				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Holcomb	Kansas	108	SGU1				
Hutchinson Energy Center	Kansas	1248	4				
Hutchinson Energy Center	Kansas	1248	GT1				
Hutchinson Energy Center	Kansas	1248	GT2				
Hutchinson Energy Center	Kansas	1248	GT3				
Hutchinson Energy Center	Kansas	1248	GT4				
Jeffrey Energy Center	Kansas	6068	1				
Jeffrey Energy Center	Kansas	6068	2				
Jeffrey Energy Center	Kansas	6068	3				
La Cygne	Kansas	1241	1				
La Cygne	Kansas	1241	2				
Lawrence Energy Center	Kansas	1250	3				
Lawrence Energy Center	Kansas	1250	4				
Lawrence Energy Center	Kansas	1250	5				
McPherson 2	Kansas	1305	GT1				
McPherson 2	Kansas	1305	GT2				
McPherson 2	Kansas	1305	GT3				
McPherson 3	Kansas	7515	1				
Murray Gill Energy Center	Kansas	1242	1				
Murray Gill Energy Center	Kansas	1242	2				
Murray Gill Energy Center	Kansas	1242	3				
Murray Gill Energy Center	Kansas	1242	4				
Nearman Creek	Kansas	6064	CT4				
Nearman Creek	Kansas	6064	N1				
Neosho Energy Center	Kansas	1243	7				
Osawatomie Generating Station	Kansas	7928	1				
Quindaro	Kansas	1295	1				

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Holcomb	Kansas	108	SGU1	Y		Y			
Hutchinson Energy Center	Kansas	1248	4	Y		Y			
Hutchinson Energy Center	Kansas	1248	GT1	Y		Y		Y	
Hutchinson Energy Center	Kansas	1248	GT2	Y		Y		Y	
Hutchinson Energy Center	Kansas	1248	GT3	Y		Y		Y	
Hutchinson Energy Center	Kansas	1248	GT4	Y		Y		Y	
Jeffrey Energy Center	Kansas	6068	1	Y		Y			
Jeffrey Energy Center	Kansas	6068	2	Y		Y			
Jeffrey Energy Center	Kansas	6068	3	Y		Y			
La Cygne	Kansas	1241	1	Y		Y			
La Cygne	Kansas	1241	2	Y		Y			
Lawrence Energy Center	Kansas	1250	3	Y		Y			
Lawrence Energy Center	Kansas	1250	4	Y		Y			
Lawrence Energy Center	Kansas	1250	5	Y		Y			
McPherson 2	Kansas	1305	GT1	Y		Y		Y	
McPherson 2	Kansas	1305	GT2	Y		Y		Y	
McPherson 2	Kansas	1305	GT3	Y		Y		Y	
McPherson 3	Kansas	7515	1	Y		Y			
Murray Gill Energy Center	Kansas	1242	1	Y		Y			
Murray Gill Energy Center	Kansas	1242	2	Y		Y			
Murray Gill Energy Center	Kansas	1242	3	Y		Y			
Murray Gill Energy Center	Kansas	1242	4	Y		Y			
Nearman Creek	Kansas	6064	CT4	Y		Y			
Nearman Creek	Kansas	6064	N1	Y		Y			
Neosho Energy Center	Kansas	1243	7	Y		Y			
Osawatomie Generating Station	Kansas	7928	1	Y		Y			
Quindaro	Kansas	1295	1	Y		Y			

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Quindaro	Kansas	1295	2	856	8,157,345	7,985,171	6,607,345	7,537,889	7,437,130
Quindaro	Kansas	1295	GT2		55,254	13,969	6,668	7,711	22,562
Quindaro	Kansas	1295	GT3		55,254	13,969	6,668	7,711	22,562
Riverton	Kansas	1239	12	89715		1,319,480	953,823	1,576,607	2,141,187
Riverton	Kansas	1239	39	812	2,818,629	2,663,584	2,348,352	2,169,583	1,888,605
Riverton	Kansas	1239	40	813	4,692,494	4,428,727	3,711,503	3,806,993	4,113,659
Tecumseh Energy Center	Kansas	1252	10	836	9,530,253	10,482,533	10,917,586	10,225,072	8,480,601
Tecumseh Energy Center	Kansas	1252	9	840	6,088,190	7,256,749	6,049,406	6,245,108	5,731,791
West Gardner Generating Station	Kansas	7929	1	3391	402,683	318,536	298,767	139,054	226,057
West Gardner Generating Station	Kansas	7929	2	3392	404,033	316,159	238,365	135,162	241,154
West Gardner Generating Station	Kansas	7929	3	3393	385,246	311,185	236,067	100,868	263,460
West Gardner Generating Station	Kansas	7929	4	3394	345,649	290,522	166,461	83,061	235,371
Acadia Power Station	Louisiana	55173	CT1	4058	1,875,272	1,938,641	1,553,412	1,564,259	6,870,957
Acadia Power Station	Louisiana	55173	CT2	4059	2,134,796	2,100,988	1,564,766	1,416,809	6,927,999
Acadia Power Station	Louisiana	55173	CT3	4060	1,702,614	1,464,652	1,649,080	2,750,595	4,324,230
Acadia Power Station	Louisiana	55173	CT4	4061	1,764,368	1,733,303	1,627,835	3,168,776	4,601,466
Arsenal Hill Power Plant	Louisiana	1416	5A	979	1,540,245	1,235,430	1,563,153	432,144	974,408
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	8562	18,450	69,697	317,018	168,433	116,104
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	8564	15,445	77,015	381,133	115,592	86,929
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	8566	13,877	18,892	283,121	210,253	85,308
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	8568	7,024	56,870	349,408	217,949	167,620
Big Cajun 1	Louisiana	1464	1B1	994	26,083			152,232	117,136
Big Cajun 1	Louisiana	1464	1B2	995					30,653
Big Cajun 1	Louisiana	1464	CTG1	8306	31,406	166,756	404,007	450,718	421,217
Big Cajun 1	Louisiana	1464	CTG2	8308	82,855	208,720	417,984	332,504	253,507
Big Cajun 2	Louisiana	6055	2B1	2724	48,171,651	48,142,328	44,172,769	38,684,918	45,628,561
Big Cajun 2	Louisiana	6055	2B2	2725	49,270,015	47,214,005	44,571,873	45,612,124	40,768,643

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Quindaro	Kansas	1295	2	7,893,468	427,324,730	0.018472	41,140	41,140
Quindaro	Kansas	1295	GT2	30,595	427,324,730	0.000072	41,140	41,140
Quindaro	Kansas	1295	GT3	30,595	427,324,730	0.000072	41,140	41,140
Riverton	Kansas	1239	12	1,679,092	427,324,730	0.003929	41,140	41,140
Riverton	Kansas	1239	39	2,610,188	427,324,730	0.006108	41,140	41,140
Riverton	Kansas	1239	40	4,411,627	427,324,730	0.010324	41,140	41,140
Tecumseh Energy Center	Kansas	1252	10	10,541,730	427,324,730	0.024669	41,140	41,140
Tecumseh Energy Center	Kansas	1252	9	6,530,016	427,324,730	0.015281	41,140	41,140
West Gardner Generating Station	Kansas	7929	1	339,995	427,324,730	0.000796	41,140	41,140
West Gardner Generating Station	Kansas	7929	2	320,449	427,324,730	0.000750	41,140	41,140
West Gardner Generating Station	Kansas	7929	3	319,963	427,324,730	0.000749	41,140	41,140
West Gardner Generating Station	Kansas	7929	4	290,514	427,324,730	0.000680	41,140	41,140
Acadia Power Station	Louisiana	55173	CT1	3,561,624	716,384,268	0.004972		
Acadia Power Station	Louisiana	55173	CT2	3,721,261	716,384,268	0.005195		
Acadia Power Station	Louisiana	55173	CT3	2,925,813	716,384,268	0.004084		
Acadia Power Station	Louisiana	55173	CT4	3,178,203	716,384,268	0.004436		
Arsenal Hill Power Plant	Louisiana	1416	5A	1,446,276	716,384,268	0.002019		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	200,518	716,384,268	0.000280		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	194,551	716,384,268	0.000272		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	192,894	716,384,268	0.000269		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	244,993	716,384,268	0.000342		
Big Cajun 1	Louisiana	1464	1B1	98,484	716,384,268	0.000137		
Big Cajun 1	Louisiana	1464	1B2	30,653	716,384,268	0.000043		
Big Cajun 1	Louisiana	1464	CTG1	425,314	716,384,268	0.000594		
Big Cajun 1	Louisiana	1464	CTG2	334,665	716,384,268	0.000467		
Big Cajun 2	Louisiana	6055	2B1	47,314,180	716,384,268	0.066046		
Big Cajun 2	Louisiana	6055	2B2	47,365,382	716,384,268	0.066117		

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Quindaro	Kansas	1295	2	30,727	30,727	760	760	568	568
Quindaro	Kansas	1295	GT2	30,727	30,727	3	3	2	2
Quindaro	Kansas	1295	GT3	30,727	30,727	3	3	2	2
Riverton	Kansas	1239	12	30,727	30,727	162	162	121	121
Riverton	Kansas	1239	39	30,727	30,727	251	251	188	188
Riverton	Kansas	1239	40	30,727	30,727	425	425	317	317
Tecumseh Energy Center	Kansas	1252	10	30,727	30,727	1,015	1,015	758	758
Tecumseh Energy Center	Kansas	1252	9	30,727	30,727	629	629	470	470
West Gardner Generating Station	Kansas	7929	1	30,727	30,727	33	33	24	24
West Gardner Generating Station	Kansas	7929	2	30,727	30,727	31	31	23	23
West Gardner Generating Station	Kansas	7929	3	30,727	30,727	31	31	23	23
West Gardner Generating Station	Kansas	7929	4	30,727	30,727	28	28	21	21
Acadia Power Station	Louisiana	55173	CT1						
Acadia Power Station	Louisiana	55173	CT2						
Acadia Power Station	Louisiana	55173	CT3						
Acadia Power Station	Louisiana	55173	CT4						
Arsenal Hill Power Plant	Louisiana	1416	5A						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3						
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4						
Big Cajun 1	Louisiana	1464	1B1						
Big Cajun 1	Louisiana	1464	1B2						
Big Cajun 1	Louisiana	1464	CTG1						
Big Cajun 1	Louisiana	1464	CTG2						
Big Cajun 2	Louisiana	6055	2B1						
Big Cajun 2	Louisiana	6055	2B2						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Quindaro	Kansas	1295	2	2,872	2,475	3,599	2,777	2,598
Quindaro	Kansas	1295	GT2		10	13		1
Quindaro	Kansas	1295	GT3		10	13		1
Riverton	Kansas	1239	12					0
Riverton	Kansas	1239	39	2,579	2,452	2,280	2,411	2,624
Riverton	Kansas	1239	40	722	922	2,077	3,403	4,363
Tecumseh Energy Center	Kansas	1252	10	4,073	3,174	3,127	2,501	2,620
Tecumseh Energy Center	Kansas	1252	9	2,320	2,038	2,096	1,625	1,782
West Gardner Generating Station	Kansas	7929	1	0	0	0	0	0
West Gardner Generating Station	Kansas	7929	2	0	0	0	0	0
West Gardner Generating Station	Kansas	7929	3	0		0	0	0
West Gardner Generating Station	Kansas	7929	4	0	0	0	0	0
Acadia Power Station	Louisiana	55173	CT1	1	1	1	1	1
Acadia Power Station	Louisiana	55173	CT2	1	1	1	1	1
Acadia Power Station	Louisiana	55173	CT3	1	1	1	1	0
Acadia Power Station	Louisiana	55173	CT4	1	1	1	1	1
Arsenal Hill Power Plant	Louisiana	1416	5A	0	0	0	0	0
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	0		0	0	0
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	0		0	0	0
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	0			0	0
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	0		0	0	0
Big Cajun 1	Louisiana	1464	1B1				0	
Big Cajun 1	Louisiana	1464	1B2					
Big Cajun 1	Louisiana	1464	CTG1	0	0	0	0	0
Big Cajun 1	Louisiana	1464	CTG2	0	0	0	0	0
Big Cajun 2	Louisiana	6055	2B1	17,503	17,881	14,117	15,500	13,243
Big Cajun 2	Louisiana	6055	2B2	19,105	15,326	14,206	15,936	13,012

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Quindaro	Kansas	1295	2	1,884	1,997	2,202	3,599		
Quindaro	Kansas	1295	GT2				13		
Quindaro	Kansas	1295	GT3				13		
Riverton	Kansas	1239	12	0	0	1	1		
Riverton	Kansas	1239	39	2,234	1,873	1,522	2,624		
Riverton	Kansas	1239	40	3,322	3,032	2,682	4,363		
Tecumseh Energy Center	Kansas	1252	10	2,816	3,101	2,675	4,073		
Tecumseh Energy Center	Kansas	1252	9	1,666	1,926	1,722	2,320		
West Gardner Generating Station	Kansas	7929	1	0	0	0	0		
West Gardner Generating Station	Kansas	7929	2	0	0	0	0		
West Gardner Generating Station	Kansas	7929	3	0	0	0	0		
West Gardner Generating Station	Kansas	7929	4	0	0	0	0		
Acadia Power Station	Louisiana	55173	CT1	0	0	2	2		
Acadia Power Station	Louisiana	55173	CT2	0	0	2	2		
Acadia Power Station	Louisiana	55173	CT3	0	1	1	1		
Acadia Power Station	Louisiana	55173	CT4	0	1	1	1		
Arsenal Hill Power Plant	Louisiana	1416	5A	0	0	0	0		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	0	0	0	0		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	0	0	0	0		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	0	0	0	0		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	0	0	0	0		
Big Cajun 1	Louisiana	1464	1B1		0	0	0		
Big Cajun 1	Louisiana	1464	1B2			0	0		
Big Cajun 1	Louisiana	1464	CTG1	0	0	0	0		
Big Cajun 1	Louisiana	1464	CTG2	0	0	0	0		
Big Cajun 2	Louisiana	6055	2B1	12,292	11,331	13,064	17,881		
Big Cajun 2	Louisiana	6055	2B2	12,396	13,101	11,721	19,105		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Quindaro	Kansas	1295	2					996	878
Quindaro	Kansas	1295	GT2						7
Quindaro	Kansas	1295	GT3						7
Riverton	Kansas	1239	12						
Riverton	Kansas	1239	39					577	600
Riverton	Kansas	1239	40					663	876
Tecumseh Energy Center	Kansas	1252	10					1,663	1,612
Tecumseh Energy Center	Kansas	1252	9					1,156	1,240
West Gardner Generating Station	Kansas	7929	1					3	1
West Gardner Generating Station	Kansas	7929	2					2	1
West Gardner Generating Station	Kansas	7929	3					3	0
West Gardner Generating Station	Kansas	7929	4					3	1
Acadia Power Station	Louisiana	55173	CT1					18	32
Acadia Power Station	Louisiana	55173	CT2					22	24
Acadia Power Station	Louisiana	55173	CT3					22	23
Acadia Power Station	Louisiana	55173	CT4					25	14
Arsenal Hill Power Plant	Louisiana	1416	5A					73	99
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1					0	
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2					0	
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3					0	
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4					0	
Big Cajun 1	Louisiana	1464	1B1						
Big Cajun 1	Louisiana	1464	1B2						
Big Cajun 1	Louisiana	1464	CTG1					4	1
Big Cajun 1	Louisiana	1464	CTG2					4	1
Big Cajun 2	Louisiana	6055	2B1					8,025	8,050
Big Cajun 2	Louisiana	6055	2B2					8,472	5,316

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Quindaro	Kansas	1295	2	1,304	1,208	1,106	868	1,023
Quindaro	Kansas	1295	GT2	10		2		
Quindaro	Kansas	1295	GT3	10		2		
Riverton	Kansas	1239	12			22	17	26
Riverton	Kansas	1239	39	543	632	580	450	436
Riverton	Kansas	1239	40	899	962	843	613	685
Tecumseh Energy Center	Kansas	1252	10	1,941	1,764	1,839	1,780	1,744
Tecumseh Energy Center	Kansas	1252	9	1,413	1,430	1,335	834	534
West Gardner Generating Station	Kansas	7929	1	2	4	3	3	2
West Gardner Generating Station	Kansas	7929	2	2	4	3	2	1
West Gardner Generating Station	Kansas	7929	3	2	4	4	3	1
West Gardner Generating Station	Kansas	7929	4	2	4	4	2	1
Acadia Power Station	Louisiana	55173	CT1	31	41	49	48	25
Acadia Power Station	Louisiana	55173	CT2	74	51	55	71	54
Acadia Power Station	Louisiana	55173	CT3	32	36	39	42	54
Acadia Power Station	Louisiana	55173	CT4	35	52	45	45	53
Arsenal Hill Power Plant	Louisiana	1416	5A	108	76	56	78	20
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	0	0	1	5	2
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	0	0	1	4	2
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	0	0	0	4	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	0	0	1	5	3
Big Cajun 1	Louisiana	1464	1B1		3			30
Big Cajun 1	Louisiana	1464	1B2					
Big Cajun 1	Louisiana	1464	CTG1	2	1	6	14	16
Big Cajun 1	Louisiana	1464	CTG2	3	3	7	18	10
Big Cajun 2	Louisiana	6055	2B1	5,244	4,855	4,767	4,376	3,850
Big Cajun 2	Louisiana	6055	2B2	4,542	4,971	4,844	4,581	4,574

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Quindaro	Kansas	1295	2	1,150	1,304				
Quindaro	Kansas	1295	GT2		10				
Quindaro	Kansas	1295	GT3		10				
Riverton	Kansas	1239	12	32	32				
Riverton	Kansas	1239	39	402	632				
Riverton	Kansas	1239	40	712	962				
Tecumseh Energy Center	Kansas	1252	10	1,442	1,941				
Tecumseh Energy Center	Kansas	1252	9	423	1,430				
West Gardner Generating Station	Kansas	7929	1	3	4				
West Gardner Generating Station	Kansas	7929	2	3	4				
West Gardner Generating Station	Kansas	7929	3	3	4				
West Gardner Generating Station	Kansas	7929	4	4	4				
Acadia Power Station	Louisiana	55173	CT1	53	53				
Acadia Power Station	Louisiana	55173	CT2	60	74				
Acadia Power Station	Louisiana	55173	CT3	25	54				
Acadia Power Station	Louisiana	55173	CT4	29	53				
Arsenal Hill Power Plant	Louisiana	1416	5A	34	108				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	2	5				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	1	4				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	1	4				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	2	5				
Big Cajun 1	Louisiana	1464	1B1	23	30				
Big Cajun 1	Louisiana	1464	1B2	6	6				
Big Cajun 1	Louisiana	1464	CTG1	17	17				
Big Cajun 1	Louisiana	1464	CTG2	8	18				
Big Cajun 2	Louisiana	6055	2B1	4,661	8,050				
Big Cajun 2	Louisiana	6055	2B2	4,065	8,472				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Quindaro	Kansas	1295	2			1,212	1,212
Quindaro	Kansas	1295	GT2			5	5
Quindaro	Kansas	1295	GT3			5	5
Riverton	Kansas	1239	12			1	1
Riverton	Kansas	1239	39			401	401
Riverton	Kansas	1239	40			677	677
Tecumseh Energy Center	Kansas	1252	10			1,619	1,619
Tecumseh Energy Center	Kansas	1252	9			1,003	1,003
West Gardner Generating Station	Kansas	7929	1			0	0
West Gardner Generating Station	Kansas	7929	2			0	0
West Gardner Generating Station	Kansas	7929	3			0	0
West Gardner Generating Station	Kansas	7929	4			0	0
Acadia Power Station	Louisiana	55173	CT1				
Acadia Power Station	Louisiana	55173	CT2				
Acadia Power Station	Louisiana	55173	CT3				
Acadia Power Station	Louisiana	55173	CT4				
Arsenal Hill Power Plant	Louisiana	1416	5A				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4				
Big Cajun 1	Louisiana	1464	1B1				
Big Cajun 1	Louisiana	1464	1B2				
Big Cajun 1	Louisiana	1464	CTG1				
Big Cajun 1	Louisiana	1464	CTG2				
Big Cajun 2	Louisiana	6055	2B1				
Big Cajun 2	Louisiana	6055	2B2				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Quindaro	Kansas	1295	2	1,212	1,212	1,212	1,212
Quindaro	Kansas	1295	GT2	5	5	5	5
Quindaro	Kansas	1295	GT3	5	5	5	5
Riverton	Kansas	1239	12	1	1	1	1
Riverton	Kansas	1239	39	401	401	401	401
Riverton	Kansas	1239	40	677	677	677	677
Tecumseh Energy Center	Kansas	1252	10	1,619	1,619	1,619	1,619
Tecumseh Energy Center	Kansas	1252	9	1,003	1,003	1,003	1,003
West Gardner Generating Station	Kansas	7929	1	0	0	0	0
West Gardner Generating Station	Kansas	7929	2	0	0	0	0
West Gardner Generating Station	Kansas	7929	3	0	0	0	0
West Gardner Generating Station	Kansas	7929	4	0	0	0	0
Acadia Power Station	Louisiana	55173	CT1				
Acadia Power Station	Louisiana	55173	CT2				
Acadia Power Station	Louisiana	55173	CT3				
Acadia Power Station	Louisiana	55173	CT4				
Arsenal Hill Power Plant	Louisiana	1416	5A				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4				
Big Cajun 1	Louisiana	1464	1B1				
Big Cajun 1	Louisiana	1464	1B2				
Big Cajun 1	Louisiana	1464	CTG1				
Big Cajun 1	Louisiana	1464	CTG2				
Big Cajun 2	Louisiana	6055	2B1				
Big Cajun 2	Louisiana	6055	2B2				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Quindaro	Kansas	1295	2	574	574	574	574
Quindaro	Kansas	1295	GT2	2	2	2	2
Quindaro	Kansas	1295	GT3	2	2	2	2
Riverton	Kansas	1239	12	32	32	32	32
Riverton	Kansas	1239	39	190	190	190	190
Riverton	Kansas	1239	40	321	321	321	321
Tecumseh Energy Center	Kansas	1252	10	766	766	766	766
Tecumseh Energy Center	Kansas	1252	9	475	475	475	475
West Gardner Generating Station	Kansas	7929	1	4	4	4	4
West Gardner Generating Station	Kansas	7929	2	4	4	4	4
West Gardner Generating Station	Kansas	7929	3	4	4	4	4
West Gardner Generating Station	Kansas	7929	4	4	4	4	4
Acadia Power Station	Louisiana	55173	CT1				
Acadia Power Station	Louisiana	55173	CT2				
Acadia Power Station	Louisiana	55173	CT3				
Acadia Power Station	Louisiana	55173	CT4				
Arsenal Hill Power Plant	Louisiana	1416	5A				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3				
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4				
Big Cajun 1	Louisiana	1464	1B1				
Big Cajun 1	Louisiana	1464	1B2				
Big Cajun 1	Louisiana	1464	CTG1				
Big Cajun 1	Louisiana	1464	CTG2				
Big Cajun 2	Louisiana	6055	2B1				
Big Cajun 2	Louisiana	6055	2B2				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Quindaro	Kansas	1295	2	574	640	3,580,666	3,565,565	3,797,661
Quindaro	Kansas	1295	GT2	2	2	28,567	5,296	1,899
Quindaro	Kansas	1295	GT3	2	2	28,567	5,296	1,899
Riverton	Kansas	1239	12	32	32		849,032	499,797
Riverton	Kansas	1239	39	190	212	1,218,237	1,135,430	1,005,042
Riverton	Kansas	1239	40	321	358	1,912,419	1,762,465	1,251,165
Tecumseh Energy Center	Kansas	1252	10	766	855	4,004,862	4,634,130	4,677,905
Tecumseh Energy Center	Kansas	1252	9	475	530	2,620,528	3,052,750	2,189,798
West Gardner Generating Station	Kansas	7929	1	4	4	332,713	223,151	165,650
West Gardner Generating Station	Kansas	7929	2	4	4	356,673	214,132	116,432
West Gardner Generating Station	Kansas	7929	3	4	4	331,925	211,225	117,349
West Gardner Generating Station	Kansas	7929	4	4	4	308,648	195,264	80,715
Acadia Power Station	Louisiana	55173	CT1			1,301,622	1,602,378	1,120,446
Acadia Power Station	Louisiana	55173	CT2			1,311,581	1,754,127	1,102,261
Acadia Power Station	Louisiana	55173	CT3			1,278,052	1,038,125	1,380,894
Acadia Power Station	Louisiana	55173	CT4			1,325,376	1,270,210	1,375,213
Arsenal Hill Power Plant	Louisiana	1416	5A			956,285	998,059	1,021,885
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1			18,450	24,525	243,335
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2			15,445	28,078	319,625
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3			13,877	2,949	254,213
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4			7,024	17,274	301,953
Big Cajun 1	Louisiana	1464	1B1			26,083		
Big Cajun 1	Louisiana	1464	1B2					
Big Cajun 1	Louisiana	1464	CTG1			21,701	129,459	386,243
Big Cajun 1	Louisiana	1464	CTG2			64,529	172,212	375,895
Big Cajun 2	Louisiana	6055	2B1			19,963,711	21,639,976	18,923,391
Big Cajun 2	Louisiana	6055	2B2			20,990,318	20,018,804	18,807,902

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Quindaro	Kansas	1295	2	3,015,783	3,647,452	3,675,259	192,470,408	0.019095
Quindaro	Kansas	1295	GT2	3,661	16,891	16,918	192,470,408	0.000088
Quindaro	Kansas	1295	GT3	3,661	16,891	16,918	192,470,408	0.000088
Riverton	Kansas	1239	12	914,826	1,533,643	1,099,167	192,470,408	0.005711
Riverton	Kansas	1239	39	941,208	806,648	1,119,569	192,470,408	0.005817
Riverton	Kansas	1239	40	1,510,409	1,847,607	1,840,830	192,470,408	0.009564
Tecumseh Energy Center	Kansas	1252	10	4,185,746	3,777,805	4,499,260	192,470,408	0.023376
Tecumseh Energy Center	Kansas	1252	9	2,572,595	2,389,491	2,748,624	192,470,408	0.014281
West Gardner Generating Station	Kansas	7929	1	101,996	165,308	240,505	192,470,408	0.001250
West Gardner Generating Station	Kansas	7929	2	104,641	176,979	249,261	192,470,408	0.001295
West Gardner Generating Station	Kansas	7929	3	61,902	206,561	249,904	192,470,408	0.001298
West Gardner Generating Station	Kansas	7929	4	60,087	179,277	227,730	192,470,408	0.001183
Acadia Power Station	Louisiana	55173	CT1	1,477,680	3,156,665	2,078,907	349,547,842	0.005947
Acadia Power Station	Louisiana	55173	CT2	1,302,985	3,707,750	2,257,819	349,547,842	0.006459
Acadia Power Station	Louisiana	55173	CT3	2,217,180	3,694,872	2,430,982	349,547,842	0.006955
Acadia Power Station	Louisiana	55173	CT4	2,490,377	3,733,854	2,533,148	349,547,842	0.007247
Arsenal Hill Power Plant	Louisiana	1416	5A	300,441	612,805	992,076	349,547,842	0.002838
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	134,556	77,500	151,797	349,547,842	0.000434
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	81,943	58,210	153,259	349,547,842	0.000438
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	159,872	66,278	160,121	349,547,842	0.000458
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	183,610	131,970	205,844	349,547,842	0.000589
Big Cajun 1	Louisiana	1464	1B1	110,188		68,136	349,547,842	0.000195
Big Cajun 1	Louisiana	1464	1B2				349,547,842	
Big Cajun 1	Louisiana	1464	CTG1	369,979	308,275	354,832	349,547,842	0.001015
Big Cajun 1	Louisiana	1464	CTG2	287,933	194,179	286,002	349,547,842	0.000818
Big Cajun 2	Louisiana	6055	2B1	17,625,599	19,193,892	20,265,859	349,547,842	0.057977
Big Cajun 2	Louisiana	6055	2B2	18,064,058	17,185,232	19,939,008	349,547,842	0.057042

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
Calculation						Column BS x column BT	Column BS x column BU		
Quindaro	Kansas	1295	2					414	344
Quindaro	Kansas	1295	GT2						4
Quindaro	Kansas	1295	GT3						4
Riverton	Kansas	1239	12						
Riverton	Kansas	1239	39					255	279
Riverton	Kansas	1239	40					320	372
Tecumseh Energy Center	Kansas	1252	10					768	713
Tecumseh Energy Center	Kansas	1252	9					466	551
West Gardner Generating Station	Kansas	7929	1					3	1
West Gardner Generating Station	Kansas	7929	2					2	1
West Gardner Generating Station	Kansas	7929	3					3	
West Gardner Generating Station	Kansas	7929	4					3	1
Acadia Power Station	Louisiana	55173	CT1	17,753	17,753	106	106	11	23
Acadia Power Station	Louisiana	55173	CT2	17,753	17,753	115	115	11	9
Acadia Power Station	Louisiana	55173	CT3	17,753	17,753	123	123	4	6
Acadia Power Station	Louisiana	55173	CT4	17,753	17,753	129	129	4	4
Arsenal Hill Power Plant	Louisiana	1416	5A	17,753	17,753	50	50	55	60
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	17,753	17,753	8	8	0	
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	17,753	17,753	8	8	0	
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	17,753	17,753	8	8	0	
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	17,753	17,753	10	10	0	
Big Cajun 1	Louisiana	1464	1B1	17,753	17,753	3	3		
Big Cajun 1	Louisiana	1464	1B2	17,753	17,753				
Big Cajun 1	Louisiana	1464	CTG1	17,753	17,753	18	18	3	
Big Cajun 1	Louisiana	1464	CTG2	17,753	17,753	15	15	3	1
Big Cajun 2	Louisiana	6055	2B1	17,753	17,753	1,029	1,029	3,775	3,365
Big Cajun 2	Louisiana	6055	2B2	17,753	17,753	1,013	1,013	3,375	2,764

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Quindaro	Kansas	1295	2	595	513	485	509	402	565
Quindaro	Kansas	1295	GT2	7		1			
Quindaro	Kansas	1295	GT3	7		1			
Riverton	Kansas	1239	12			13	8	13	21
Riverton	Kansas	1239	39	287	272	243	189	191	173
Riverton	Kansas	1239	40	374	377	327	199	269	318
Tecumseh Energy Center	Kansas	1252	10	820	657	897	804	688	583
Tecumseh Energy Center	Kansas	1252	9	649	638	567	292	246	158
West Gardner Generating Station	Kansas	7929	1	2	3	2	2	1	2
West Gardner Generating Station	Kansas	7929	2	2	3	2	1	1	2
West Gardner Generating Station	Kansas	7929	3	2	3	2	1	1	3
West Gardner Generating Station	Kansas	7929	4	2	4	2	1	1	3
Acadia Power Station	Louisiana	55173	CT1	19	24	33	34	24	15
Acadia Power Station	Louisiana	55173	CT2	52	24	40	51	54	21
Acadia Power Station	Louisiana	55173	CT3	13	26	23	37	44	21
Acadia Power Station	Louisiana	55173	CT4	13	37	27	37	40	21
Arsenal Hill Power Plant	Louisiana	1416	5A	79	51	48	52	14	21
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	0	0	0	3	2	1
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	0	0	0	3	1	1
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	0	0	0	3	2	1
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	0	0	0	4	3	2
Big Cajun 1	Louisiana	1464	1B1		3			22	
Big Cajun 1	Louisiana	1464	1B2						
Big Cajun 1	Louisiana	1464	CTG1	1	1	4	13	12	11
Big Cajun 1	Louisiana	1464	CTG2	1	2	6	16	8	6
Big Cajun 2	Louisiana	6055	2B1	1,944	1,995	2,134	1,888	1,734	1,943
Big Cajun 2	Louisiana	6055	2B2	2,027	2,107	2,054	1,920	1,801	1,738

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Quindaro	Kansas	1295	2	595					
Quindaro	Kansas	1295	GT2	7					
Quindaro	Kansas	1295	GT3	7					
Riverton	Kansas	1239	12	21					
Riverton	Kansas	1239	39	287					
Riverton	Kansas	1239	40	377					
Tecumseh Energy Center	Kansas	1252	10	897					
Tecumseh Energy Center	Kansas	1252	9	649					
West Gardner Generating Station	Kansas	7929	1	3					
West Gardner Generating Station	Kansas	7929	2	3					
West Gardner Generating Station	Kansas	7929	3	3					
West Gardner Generating Station	Kansas	7929	4	4					
Acadia Power Station	Louisiana	55173	CT1	34					
Acadia Power Station	Louisiana	55173	CT2	54					
Acadia Power Station	Louisiana	55173	CT3	44					
Acadia Power Station	Louisiana	55173	CT4	40					
Arsenal Hill Power Plant	Louisiana	1416	5A	79					
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	3					
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	3					
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	3					
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	4					
Big Cajun 1	Louisiana	1464	1B1	22					
Big Cajun 1	Louisiana	1464	1B2	0					
Big Cajun 1	Louisiana	1464	CTG1	13					
Big Cajun 1	Louisiana	1464	CTG2	16					
Big Cajun 2	Louisiana	6055	2B1	3,775					
Big Cajun 2	Louisiana	6055	2B2	3,375					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Quindaro	Kansas	1295	2				
Quindaro	Kansas	1295	GT2				
Quindaro	Kansas	1295	GT3				
Riverton	Kansas	1239	12				
Riverton	Kansas	1239	39				
Riverton	Kansas	1239	40				
Tecumseh Energy Center	Kansas	1252	10				
Tecumseh Energy Center	Kansas	1252	9				
West Gardner Generating Station	Kansas	7929	1				
West Gardner Generating Station	Kansas	7929	2				
West Gardner Generating Station	Kansas	7929	3				
West Gardner Generating Station	Kansas	7929	4				
Acadia Power Station	Louisiana	55173	CT1			34	34
Acadia Power Station	Louisiana	55173	CT2			54	54
Acadia Power Station	Louisiana	55173	CT3			44	44
Acadia Power Station	Louisiana	55173	CT4			40	40
Arsenal Hill Power Plant	Louisiana	1416	5A			68	68
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1			3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2			3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3			3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4			4	4
Big Cajun 1	Louisiana	1464	1B1			5	5
Big Cajun 1	Louisiana	1464	1B2			0	0
Big Cajun 1	Louisiana	1464	CTG1			13	13
Big Cajun 1	Louisiana	1464	CTG2			16	16
Big Cajun 2	Louisiana	6055	2B1			1,384	1,384
Big Cajun 2	Louisiana	6055	2B2			1,362	1,362

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Quindaro	Kansas	1295	2				
Quindaro	Kansas	1295	GT2				
Quindaro	Kansas	1295	GT3				
Riverton	Kansas	1239	12				
Riverton	Kansas	1239	39				
Riverton	Kansas	1239	40				
Tecumseh Energy Center	Kansas	1252	10				
Tecumseh Energy Center	Kansas	1252	9				
West Gardner Generating Station	Kansas	7929	1				
West Gardner Generating Station	Kansas	7929	2				
West Gardner Generating Station	Kansas	7929	3				
West Gardner Generating Station	Kansas	7929	4				
Acadia Power Station	Louisiana	55173	CT1	34	34	34	34
Acadia Power Station	Louisiana	55173	CT2	54	54	54	54
Acadia Power Station	Louisiana	55173	CT3	44	44	44	44
Acadia Power Station	Louisiana	55173	CT4	40	40	40	40
Arsenal Hill Power Plant	Louisiana	1416	5A	68	68	68	68
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1	3	3	3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2	3	3	3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3	3	3	3	3
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4	4	4	4	4
Big Cajun 1	Louisiana	1464	1B1	5	5	5	5
Big Cajun 1	Louisiana	1464	1B2	0	0	0	0
Big Cajun 1	Louisiana	1464	CTG1	13	13	13	13
Big Cajun 1	Louisiana	1464	CTG2	16	16	16	16
Big Cajun 2	Louisiana	6055	2B1	1,384	1,384	1,384	1,384
Big Cajun 2	Louisiana	6055	2B2	1,362	1,362	1,362	1,362

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Quindaro	Kansas	1295	2	Y		Y			
Quindaro	Kansas	1295	GT2	Y		Y		Y	
Quindaro	Kansas	1295	GT3	Y		Y		Y	
Riverton	Kansas	1239	12	Y		Y			
Riverton	Kansas	1239	39	Y		Y			
Riverton	Kansas	1239	40	Y		Y			
Tecumseh Energy Center	Kansas	1252	10	Y		Y			
Tecumseh Energy Center	Kansas	1252	9	Y		Y			
West Gardner Generating Station	Kansas	7929	1	Y		Y			
West Gardner Generating Station	Kansas	7929	2	Y		Y			
West Gardner Generating Station	Kansas	7929	3	Y		Y			
West Gardner Generating Station	Kansas	7929	4	Y		Y			
Acadia Power Station	Louisiana	55173	CT1				Y		
Acadia Power Station	Louisiana	55173	CT2				Y		
Acadia Power Station	Louisiana	55173	CT3				Y		
Acadia Power Station	Louisiana	55173	CT4				Y		
Arsenal Hill Power Plant	Louisiana	1416	5A				Y		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-1				Y		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-2				Y		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-3				Y		
Bayou Cove Peaking Power Plant	Louisiana	55433	CTG-4				Y		
Big Cajun 1	Louisiana	1464	1B1				Y		
Big Cajun 1	Louisiana	1464	1B2				Y		
Big Cajun 1	Louisiana	1464	CTG1				Y		
Big Cajun 1	Louisiana	1464	CTG2				Y		
Big Cajun 2	Louisiana	6055	2B1				Y		
Big Cajun 2	Louisiana	6055	2B2				Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Big Cajun 2	Louisiana	6055	2B3	2726	45,059,649	38,529,765	43,383,829	40,615,178	44,298,568
Brame Energy Center	Louisiana	6190	1	2836	7,503,093	6,047,988	6,759,384	9,951,637	9,365,305
Brame Energy Center	Louisiana	6190	2	2837	34,668,167	34,970,917	26,441,733	32,647,198	33,097,448
Brame Energy Center	Louisiana	6190	3-1	90034					10,714,085
Brame Energy Center	Louisiana	6190	3-2	90035					9,576,679
Calcasieu Plant	Louisiana	55165	GTG1	4036	201,149	283,300	1,176,348	934,645	1,455,399
Calcasieu Plant	Louisiana	55165	GTG2	4037	247,027	438,038	2,762,641	879,162	1,419,358
Carville Energy Center	Louisiana	55404	COG01	4678	9,257,398	10,324,083	8,089,172	8,655,465	11,155,976
Carville Energy Center	Louisiana	55404	COG02	4679	7,585,504	7,772,645	7,311,134	12,020,075	10,289,729
Coughlin Power Station	Louisiana	1396	6-1	957	1,833,081	3,133,506	2,729,510	2,783,773	178,080
Coughlin Power Station	Louisiana	1396	7-1	959	8,633,797	5,343,508	6,935,497	6,938,087	3,129,328
Coughlin Power Station	Louisiana	1396	7-2	960	8,795,154	5,092,000	6,119,172	6,407,070	2,605,058
D G Hunter	Louisiana	6558	3	2890	5,059	1,995	96,804	225,776	54,732
D G Hunter	Louisiana	6558	4	2891	20,845	2,867	192,878	464,286	
Doc Bonin	Louisiana	1443	1	984	57,737	80,699	501,347	49,906	750
Doc Bonin	Louisiana	1443	2	985	908,785	541,181	1,388,371	1,195,791	2,494,233
Doc Bonin	Louisiana	1443	3	986				1,218,971	1,633,819
Dolet Hills Power Station	Louisiana	51	1	48	51,388,372	41,806,627	51,872,153	48,363,972	49,821,402
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	89602	360,156	991,320	961,795	466,058	996,090
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	89603	368,163	912,911	1,370,834	738,846	869,321
Houma	Louisiana	1439	15	982	235,183	56	309,445	335,391	55,606
Houma	Louisiana	1439	16	983	329,141	204,706	318,751	251,756	126,819
Lieberman Power Plant	Louisiana	1417	3	980	393,025	607,084	144,438	1,113,894	731,995
Lieberman Power Plant	Louisiana	1417	4	981	613,515	760,741	676,563	902,961	620,542
Little Gypsy	Louisiana	1402	1	963	2,791,380	310,340	3,384,365	5,060,325	3,528,193
Little Gypsy	Louisiana	1402	2	964	6,564,423	6,788,825	9,136,111	5,893,582	3,333,417
Little Gypsy	Louisiana	1402	3	965	3,192,114	8,179,920	10,546,961	14,654,488	13,657,352

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Big Cajun 2	Louisiana	6055	2B3	44,247,349	716,384,268	0.061765		
Brame Energy Center	Louisiana	6190	1	8,940,012	716,384,268	0.012479		
Brame Energy Center	Louisiana	6190	2	34,245,511	716,384,268	0.047803		
Brame Energy Center	Louisiana	6190	3-1	10,714,085	716,384,268	0.014956		
Brame Energy Center	Louisiana	6190	3-2	9,576,679	716,384,268	0.013368		
Calcasieu Plant	Louisiana	55165	GTG1	1,188,797	716,384,268	0.001659		
Calcasieu Plant	Louisiana	55165	GTG2	1,687,054	716,384,268	0.002355		
Carville Energy Center	Louisiana	55404	COG01	10,245,819	716,384,268	0.014302		
Carville Energy Center	Louisiana	55404	COG02	10,027,483	716,384,268	0.013997		
Coughlin Power Station	Louisiana	1396	6-1	2,882,263	716,384,268	0.004023		
Coughlin Power Station	Louisiana	1396	7-1	7,502,460	716,384,268	0.010473		
Coughlin Power Station	Louisiana	1396	7-2	7,107,132	716,384,268	0.009921		
D G Hunter	Louisiana	6558	3	125,771	716,384,268	0.000176		
D G Hunter	Louisiana	6558	4	226,003	716,384,268	0.000315		
Doc Bonin	Louisiana	1443	1	213,261	716,384,268	0.000298		
Doc Bonin	Louisiana	1443	2	1,692,798	716,384,268	0.002363		
Doc Bonin	Louisiana	1443	3	1,426,395	716,384,268	0.001991		
Dolet Hills Power Station	Louisiana	51	1	51,027,309	716,384,268	0.071229		
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	983,068	716,384,268	0.001372		
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	1,051,022	716,384,268	0.001467		
Houma	Louisiana	1439	15	293,339	716,384,268	0.000409		
Houma	Louisiana	1439	16	299,883	716,384,268	0.000419		
Lieberman Power Plant	Louisiana	1417	3	817,657	716,384,268	0.001141		
Lieberman Power Plant	Louisiana	1417	4	780,089	716,384,268	0.001089		
Little Gypsy	Louisiana	1402	1	3,990,961	716,384,268	0.005571		
Little Gypsy	Louisiana	1402	2	7,496,453	716,384,268	0.010464		
Little Gypsy	Louisiana	1402	3	12,952,934	716,384,268	0.018081		

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Big Cajun 2	Louisiana	6055	2B3						
Brame Energy Center	Louisiana	6190	1						
Brame Energy Center	Louisiana	6190	2						
Brame Energy Center	Louisiana	6190	3-1						
Brame Energy Center	Louisiana	6190	3-2						
Calcasieu Plant	Louisiana	55165	GTG1						
Calcasieu Plant	Louisiana	55165	GTG2						
Carville Energy Center	Louisiana	55404	COG01						
Carville Energy Center	Louisiana	55404	COG02						
Coughlin Power Station	Louisiana	1396	6-1						
Coughlin Power Station	Louisiana	1396	7-1						
Coughlin Power Station	Louisiana	1396	7-2						
D G Hunter	Louisiana	6558	3						
D G Hunter	Louisiana	6558	4						
Doc Bonin	Louisiana	1443	1						
Doc Bonin	Louisiana	1443	2						
Doc Bonin	Louisiana	1443	3						
Dolet Hills Power Station	Louisiana	51	1						
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1						
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2						
Houma	Louisiana	1439	15						
Houma	Louisiana	1439	16						
Lieberman Power Plant	Louisiana	1417	3						
Lieberman Power Plant	Louisiana	1417	4						
Little Gypsy	Louisiana	1402	1						
Little Gypsy	Louisiana	1402	2						
Little Gypsy	Louisiana	1402	3						

Plant Name	State	ORIS ID	Boiler ID	Step 7				
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Big Cajun 2	Louisiana	6055	2B3	16,116	17,566	14,005	14,948	10,973
Brame Energy Center	Louisiana	6190	1	50	283	1,434	18	2
Brame Energy Center	Louisiana	6190	2	14,822	13,530	14,101	10,820	12,902
Brame Energy Center	Louisiana	6190	3-1					
Brame Energy Center	Louisiana	6190	3-2					
Calcasieu Plant	Louisiana	55165	GTG1	0	0	0	0	0
Calcasieu Plant	Louisiana	55165	GTG2	0	0	0	0	0
Carville Energy Center	Louisiana	55404	COG01	2	3	3	3	3
Carville Energy Center	Louisiana	55404	COG02	1	2	3	2	2
Coughlin Power Station	Louisiana	1396	6-1	0	0	0	1	1
Coughlin Power Station	Louisiana	1396	7-1	1	1	1	3	2
Coughlin Power Station	Louisiana	1396	7-2	1	1	1	3	2
D G Hunter	Louisiana	6558	3	0			2	0
D G Hunter	Louisiana	6558	4	0			9	0
Doc Bonin	Louisiana	1443	1	0	0	0	0	0
Doc Bonin	Louisiana	1443	2	0	1	0	0	0
Doc Bonin	Louisiana	1443	3	1	1	1		
Dolet Hills Power Station	Louisiana	51	1	17,831	21,666	23,748	20,908	11,509
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1				0	0
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2				0	0
Houma	Louisiana	1439	15	0	0	0	0	
Houma	Louisiana	1439	16	0	0	0	0	0
Lieberman Power Plant	Louisiana	1417	3	1	0	1	2	1
Lieberman Power Plant	Louisiana	1417	4	1	0	0	0	6
Little Gypsy	Louisiana	1402	1	2	1	1	1	0
Little Gypsy	Louisiana	1402	2	2	2	123	2	21
Little Gypsy	Louisiana	1402	3	2	2	3	1	2

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns V - AC		
Big Cajun 2	Louisiana	6055	2B3	12,057	11,460	12,614	17,566		
Brame Energy Center	Louisiana	6190	1	2	3	3	1,434		
Brame Energy Center	Louisiana	6190	2	8,252	7,430	8,774	14,822		
Brame Energy Center	Louisiana	6190	3-1			2,409	2,409		
Brame Energy Center	Louisiana	6190	3-2			13,457	13,457		
Calcasieu Plant	Louisiana	55165	GTG1	0	0	0	0		
Calcasieu Plant	Louisiana	55165	GTG2	1	0	0	1		
Carville Energy Center	Louisiana	55404	COG01	2	3	3	3		
Carville Energy Center	Louisiana	55404	COG02	2	4	3	4		
Coughlin Power Station	Louisiana	1396	6-1	1	1	0	1		
Coughlin Power Station	Louisiana	1396	7-1	2	2	1	3		
Coughlin Power Station	Louisiana	1396	7-2	2	2	1	3		
D G Hunter	Louisiana	6558	3	78	0	0	78		
D G Hunter	Louisiana	6558	4	78	0		78		
Doc Bonin	Louisiana	1443	1	0	0		0		
Doc Bonin	Louisiana	1443	2	0	0	1	1		
Doc Bonin	Louisiana	1443	3		0	0	1		
Dolet Hills Power Station	Louisiana	51	1	13,982	11,721	21,232	23,748		
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	0	0	0	0		
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	0	0	0	0		
Houma	Louisiana	1439	15	0	0	0	0		
Houma	Louisiana	1439	16	0	0	0	0		
Lieberman Power Plant	Louisiana	1417	3	0	5	1	5		
Lieberman Power Plant	Louisiana	1417	4	0	2	0	6		
Little Gypsy	Louisiana	1402	1	1	2	1	2		
Little Gypsy	Louisiana	1402	2	30	2	18	123		
Little Gypsy	Louisiana	1402	3	3	4	4	4		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Big Cajun 2	Louisiana	6055	2B3					3,310	3,990
Brame Energy Center	Louisiana	6190	1					848	671
Brame Energy Center	Louisiana	6190	2					7,223	6,825
Brame Energy Center	Louisiana	6190	3-1						
Brame Energy Center	Louisiana	6190	3-2						
Calcasieu Plant	Louisiana	55165	GTG1					9	4
Calcasieu Plant	Louisiana	55165	GTG2					6	4
Carville Energy Center	Louisiana	55404	COG01					109	125
Carville Energy Center	Louisiana	55404	COG02					56	80
Coughlin Power Station	Louisiana	1396	6-1					14	18
Coughlin Power Station	Louisiana	1396	7-1					84	45
Coughlin Power Station	Louisiana	1396	7-2					87	80
D G Hunter	Louisiana	6558	3					11	
D G Hunter	Louisiana	6558	4					31	
Doc Bonin	Louisiana	1443	1					4	55
Doc Bonin	Louisiana	1443	2					54	116
Doc Bonin	Louisiana	1443	3					446	489
Dolet Hills Power Station	Louisiana	51	1					11,735	12,184
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1						
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2						
Houma	Louisiana	1439	15					13	75
Houma	Louisiana	1439	16					132	87
Lieberman Power Plant	Louisiana	1417	3					49	6
Lieberman Power Plant	Louisiana	1417	4					54	10
Little Gypsy	Louisiana	1402	1					638	484
Little Gypsy	Louisiana	1402	2					348	484
Little Gypsy	Louisiana	1402	3					662	1,010

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Big Cajun 2	Louisiana	6055	2B3	3,445	3,416	2,953	3,130	3,009
Brame Energy Center	Louisiana	6190	1	989	693	444	567	1,109
Brame Energy Center	Louisiana	6190	2	8,006	7,274	6,736	4,803	2,864
Brame Energy Center	Louisiana	6190	3-1					
Brame Energy Center	Louisiana	6190	3-2					
Calcasieu Plant	Louisiana	55165	GTG1	5	11	15	36	28
Calcasieu Plant	Louisiana	55165	GTG2	5	9	16	102	38
Carville Energy Center	Louisiana	55404	COG01	127	131	167	119	114
Carville Energy Center	Louisiana	55404	COG02	143	150	166	116	171
Coughlin Power Station	Louisiana	1396	6-1	32	48	78	78	74
Coughlin Power Station	Louisiana	1396	7-1	59	145	78	101	97
Coughlin Power Station	Louisiana	1396	7-2	112	186	67	97	82
D G Hunter	Louisiana	6558	3		3	0	36	135
D G Hunter	Louisiana	6558	4		6	1	59	279
Doc Bonin	Louisiana	1443	1	31	5	8	49	4
Doc Bonin	Louisiana	1443	2	94	57	28	84	59
Doc Bonin	Louisiana	1443	3	613			0	108
Dolet Hills Power Station	Louisiana	51	1	13,110	10,891	5,398	5,270	4,590
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1		14	38	35	17
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2		14	34	52	28
Houma	Louisiana	1439	15	21	47	0	43	49
Houma	Louisiana	1439	16	73	33	19	27	50
Lieberman Power Plant	Louisiana	1417	3	53	26	41	11	69
Lieberman Power Plant	Louisiana	1417	4	40	38	44	47	59
Little Gypsy	Louisiana	1402	1	392	335	21	517	702
Little Gypsy	Louisiana	1402	2	676	382	497	659	289
Little Gypsy	Louisiana	1402	3	1,714	376	1,370	1,614	2,278

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Big Cajun 2	Louisiana	6055	2B3	3,515	3,990				
Brame Energy Center	Louisiana	6190	1	1,045	1,109				
Brame Energy Center	Louisiana	6190	2	2,486	8,006				
Brame Energy Center	Louisiana	6190	3-1	287	287				
Brame Energy Center	Louisiana	6190	3-2	324	324				
Calcasieu Plant	Louisiana	55165	GTG1	42	42				
Calcasieu Plant	Louisiana	55165	GTG2	55	102				
Carville Energy Center	Louisiana	55404	COG01	162	167				
Carville Energy Center	Louisiana	55404	COG02	165	171				
Coughlin Power Station	Louisiana	1396	6-1	5	78				
Coughlin Power Station	Louisiana	1396	7-1	46	145				
Coughlin Power Station	Louisiana	1396	7-2	34	186				
D G Hunter	Louisiana	6558	3	33	135				
D G Hunter	Louisiana	6558	4		279				
Doc Bonin	Louisiana	1443	1	0	55				
Doc Bonin	Louisiana	1443	2	173	173				
Doc Bonin	Louisiana	1443	3	117	613				
Dolet Hills Power Station	Louisiana	51	1	4,718	13,110				
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	37	38				
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	35	52				
Houma	Louisiana	1439	15	8	75				
Houma	Louisiana	1439	16	10	132				
Lieberman Power Plant	Louisiana	1417	3	29	69				
Lieberman Power Plant	Louisiana	1417	4	27	59				
Little Gypsy	Louisiana	1402	1	443	702				
Little Gypsy	Louisiana	1402	2	193	676				
Little Gypsy	Louisiana	1402	3	2,107	2,278				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Big Cajun 2	Louisiana	6055	2B3				
Brame Energy Center	Louisiana	6190	1				
Brame Energy Center	Louisiana	6190	2				
Brame Energy Center	Louisiana	6190	3-1				
Brame Energy Center	Louisiana	6190	3-2				
Calcasieu Plant	Louisiana	55165	GTG1				
Calcasieu Plant	Louisiana	55165	GTG2				
Carville Energy Center	Louisiana	55404	COG01				
Carville Energy Center	Louisiana	55404	COG02				
Coughlin Power Station	Louisiana	1396	6-1				
Coughlin Power Station	Louisiana	1396	7-1				
Coughlin Power Station	Louisiana	1396	7-2				
D G Hunter	Louisiana	6558	3				
D G Hunter	Louisiana	6558	4				
Doc Bonin	Louisiana	1443	1				
Doc Bonin	Louisiana	1443	2				
Doc Bonin	Louisiana	1443	3				
Dolet Hills Power Station	Louisiana	51	1				
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1				
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2				
Houma	Louisiana	1439	15				
Houma	Louisiana	1439	16				
Lieberman Power Plant	Louisiana	1417	3				
Lieberman Power Plant	Louisiana	1417	4				
Little Gypsy	Louisiana	1402	1				
Little Gypsy	Louisiana	1402	2				
Little Gypsy	Louisiana	1402	3				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Big Cajun 2	Louisiana	6055	2B3				
Brame Energy Center	Louisiana	6190	1				
Brame Energy Center	Louisiana	6190	2				
Brame Energy Center	Louisiana	6190	3-1				
Brame Energy Center	Louisiana	6190	3-2				
Calcasieu Plant	Louisiana	55165	GTG1				
Calcasieu Plant	Louisiana	55165	GTG2				
Carville Energy Center	Louisiana	55404	COG01				
Carville Energy Center	Louisiana	55404	COG02				
Coughlin Power Station	Louisiana	1396	6-1				
Coughlin Power Station	Louisiana	1396	7-1				
Coughlin Power Station	Louisiana	1396	7-2				
D G Hunter	Louisiana	6558	3				
D G Hunter	Louisiana	6558	4				
Doc Bonin	Louisiana	1443	1				
Doc Bonin	Louisiana	1443	2				
Doc Bonin	Louisiana	1443	3				
Dolet Hills Power Station	Louisiana	51	1				
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1				
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2				
Houma	Louisiana	1439	15				
Houma	Louisiana	1439	16				
Lieberman Power Plant	Louisiana	1417	3				
Lieberman Power Plant	Louisiana	1417	4				
Little Gypsy	Louisiana	1402	1				
Little Gypsy	Louisiana	1402	2				
Little Gypsy	Louisiana	1402	3				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Big Cajun 2	Louisiana	6055	2B3				
Brame Energy Center	Louisiana	6190	1				
Brame Energy Center	Louisiana	6190	2				
Brame Energy Center	Louisiana	6190	3-1				
Brame Energy Center	Louisiana	6190	3-2				
Calcasieu Plant	Louisiana	55165	GTG1				
Calcasieu Plant	Louisiana	55165	GTG2				
Carville Energy Center	Louisiana	55404	COG01				
Carville Energy Center	Louisiana	55404	COG02				
Coughlin Power Station	Louisiana	1396	6-1				
Coughlin Power Station	Louisiana	1396	7-1				
Coughlin Power Station	Louisiana	1396	7-2				
D G Hunter	Louisiana	6558	3				
D G Hunter	Louisiana	6558	4				
Doc Bonin	Louisiana	1443	1				
Doc Bonin	Louisiana	1443	2				
Doc Bonin	Louisiana	1443	3				
Dolet Hills Power Station	Louisiana	51	1				
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1				
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2				
Houma	Louisiana	1439	15				
Houma	Louisiana	1439	16				
Lieberman Power Plant	Louisiana	1417	3				
Lieberman Power Plant	Louisiana	1417	4				
Little Gypsy	Louisiana	1402	1				
Little Gypsy	Louisiana	1402	2				
Little Gypsy	Louisiana	1402	3				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Big Cajun 2	Louisiana	6055	2B3			20,542,977	19,017,884	17,083,130
Brame Energy Center	Louisiana	6190	1			4,521,237	3,937,269	3,742,419
Brame Energy Center	Louisiana	6190	2			17,065,681	16,109,288	14,547,588
Brame Energy Center	Louisiana	6190	3-1					
Brame Energy Center	Louisiana	6190	3-2					
Calcasieu Plant	Louisiana	55165	GTG1			146,328	172,770	342,859
Calcasieu Plant	Louisiana	55165	GTG2			159,557	243,743	631,126
Carville Energy Center	Louisiana	55404	COG01			4,828,149	4,976,540	3,072,626
Carville Energy Center	Louisiana	55404	COG02			3,758,686	3,538,956	3,438,338
Coughlin Power Station	Louisiana	1396	6-1			1,546,963	2,090,805	2,043,680
Coughlin Power Station	Louisiana	1396	7-1			4,859,092	3,653,906	4,473,641
Coughlin Power Station	Louisiana	1396	7-2			4,716,399	3,088,276	3,374,423
D G Hunter	Louisiana	6558	3			5,003	1,995	21,513
D G Hunter	Louisiana	6558	4			17,483	2,867	103,616
Doc Bonin	Louisiana	1443	1			379	5,415	254,601
Doc Bonin	Louisiana	1443	2			791,268	469,632	666,534
Doc Bonin	Louisiana	1443	3					
Dolet Hills Power Station	Louisiana	51	1			23,313,462	18,266,743	20,376,323
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1			323,791	360,273	424,784
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2			261,105	449,530	406,769
Houma	Louisiana	1439	15			233,884	56	286,899
Houma	Louisiana	1439	16			214,634	200,538	308,492
Lieberman Power Plant	Louisiana	1417	3			289,901	327,203	138,601
Lieberman Power Plant	Louisiana	1417	4			408,845	429,896	552,718
Little Gypsy	Louisiana	1402	1			2,253,208	137,686	2,693,144
Little Gypsy	Louisiana	1402	2			3,681,702	4,267,933	5,196,004
Little Gypsy	Louisiana	1402	3			2,834,036	5,972,751	4,890,891

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Big Cajun 2	Louisiana	6055	2B3	16,865,390	19,923,761	19,828,207	349,547,842	0.056725
Brame Energy Center	Louisiana	6190	1	4,333,171	4,311,841	4,388,750	349,547,842	0.012556
Brame Energy Center	Louisiana	6190	2	15,227,786	14,891,399	16,134,252	349,547,842	0.046157
Brame Energy Center	Louisiana	6190	3-1		6,126,281	6,126,281	349,547,842	0.017526
Brame Energy Center	Louisiana	6190	3-2		5,171,610	5,171,610	349,547,842	0.014795
Calcasieu Plant	Louisiana	55165	GTG1	451,593	963,863	586,105	349,547,842	0.001677
Calcasieu Plant	Louisiana	55165	GTG2	328,126	988,426	649,226	349,547,842	0.001857
Carville Energy Center	Louisiana	55404	COG01	4,431,385	5,230,581	5,011,757	349,547,842	0.014338
Carville Energy Center	Louisiana	55404	COG02	5,336,714	5,195,151	4,763,517	349,547,842	0.013628
Coughlin Power Station	Louisiana	1396	6-1	1,040,808	125,510	1,893,816	349,547,842	0.005418
Coughlin Power Station	Louisiana	1396	7-1	4,595,083	2,406,662	4,642,605	349,547,842	0.013282
Coughlin Power Station	Louisiana	1396	7-2	3,936,520	2,121,186	4,009,114	349,547,842	0.011469
D G Hunter	Louisiana	6558	3	201,415		75,977	349,547,842	0.000217
D G Hunter	Louisiana	6558	4	309,940		143,680	349,547,842	0.000411
Doc Bonin	Louisiana	1443	1	49,906	21	103,307	349,547,842	0.000296
Doc Bonin	Louisiana	1443	2	1,021,096	1,871,904	1,228,089	349,547,842	0.003513
Doc Bonin	Louisiana	1443	3	1,218,971	1,517,155	1,368,063	349,547,842	0.003914
Dolet Hills Power Station	Louisiana	51	1	21,431,873	22,165,220	22,303,518	349,547,842	0.063807
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	259,558	572,224	452,427	349,547,842	0.001294
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	383,231	424,742	427,014	349,547,842	0.001222
Houma	Louisiana	1439	15	80,749		200,511	349,547,842	0.000574
Houma	Louisiana	1439	16	251,756	95,057	258,294	349,547,842	0.000739
Lieberman Power Plant	Louisiana	1417	3	895,639	535,234	586,025	349,547,842	0.001677
Lieberman Power Plant	Louisiana	1417	4	672,530	508,857	578,035	349,547,842	0.001654
Little Gypsy	Louisiana	1402	1	3,463,589	2,284,495	2,813,743	349,547,842	0.008050
Little Gypsy	Louisiana	1402	2	3,043,944	2,082,544	4,381,880	349,547,842	0.012536
Little Gypsy	Louisiana	1402	3	7,921,678	7,940,597	7,278,342	349,547,842	0.020822

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Big Cajun 2	Louisiana	6055	2B3	17,753	17,753	1,007	1,007	1,317	1,650
Brame Energy Center	Louisiana	6190	1	17,753	17,753	223	223	412	252
Brame Energy Center	Louisiana	6190	2	17,753	17,753	819	819	2,987	3,375
Brame Energy Center	Louisiana	6190	3-1	17,753	17,753	311	311		
Brame Energy Center	Louisiana	6190	3-2	17,753	17,753	263	263		
Calcasieu Plant	Louisiana	55165	GTG1	17,753	17,753	30	30	6	1
Calcasieu Plant	Louisiana	55165	GTG2	17,753	17,753	33	33	4	0
Carville Energy Center	Louisiana	55404	COG01	17,753	17,753	255	255	57	52
Carville Energy Center	Louisiana	55404	COG02	17,753	17,753	242	242	37	33
Coughlin Power Station	Louisiana	1396	6-1	17,753	17,753	96	96	11	
Coughlin Power Station	Louisiana	1396	7-1	17,753	17,753	236	236	40	31
Coughlin Power Station	Louisiana	1396	7-2	17,753	17,753	204	204	38	32
D G Hunter	Louisiana	6558	3	17,753	17,753	4	4	10	
D G Hunter	Louisiana	6558	4	17,753	17,753	7	7	28	
Doc Bonin	Louisiana	1443	1	17,753	17,753	5	5	4	41
Doc Bonin	Louisiana	1443	2	17,753	17,753	62	62	39	52
Doc Bonin	Louisiana	1443	3	17,753	17,753	69	69	315	324
Dolet Hills Power Station	Louisiana	51	1	17,753	17,753	1,133	1,133	5,134	5,419
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	17,753	17,753	23	23		
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	17,753	17,753	22	22		
Houma	Louisiana	1439	15	17,753	17,753	10	10	5	27
Houma	Louisiana	1439	16	17,753	17,753	13	13	63	49
Lieberman Power Plant	Louisiana	1417	3	17,753	17,753	30	30	42	2
Lieberman Power Plant	Louisiana	1417	4	17,753	17,753	29	29	43	10
Little Gypsy	Louisiana	1402	1	17,753	17,753	143	143	257	362
Little Gypsy	Louisiana	1402	2	17,753	17,753	223	223	195	268
Little Gypsy	Louisiana	1402	3	17,753	17,753	370	370	576	405

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Big Cajun 2	Louisiana	6055	2B3	1,334	1,568	1,444	1,198	1,197	1,584
Brame Energy Center	Louisiana	6190	1	523	395	276	296	454	430
Brame Energy Center	Louisiana	6190	2	3,049	3,724	2,747	2,669	1,214	1,134
Brame Energy Center	Louisiana	6190	3-1						140
Brame Energy Center	Louisiana	6190	3-2						154
Calcasieu Plant	Louisiana	55165	GTG1	2	8	10	10	12	26
Calcasieu Plant	Louisiana	55165	GTG2	3	6	8	25	13	36
Carville Energy Center	Louisiana	55404	COG01	64	70	74	45	58	78
Carville Energy Center	Louisiana	55404	COG02	51	74	71	55	76	85
Coughlin Power Station	Louisiana	1396	6-1	24	40	50	58	27	3
Coughlin Power Station	Louisiana	1396	7-1	47	81	51	63	60	33
Coughlin Power Station	Louisiana	1396	7-2	90	92	40	47	48	26
D G Hunter	Louisiana	6558	3		3	0	2	121	
D G Hunter	Louisiana	6558	4		5	1	31	186	
Doc Bonin	Louisiana	1443	1	4	0	0	24	4	
Doc Bonin	Louisiana	1443	2	87	49	24	45	51	128
Doc Bonin	Louisiana	1443	3	396			0	108	107
Dolet Hills Power Station	Louisiana	51	1	5,695	4,607	2,161	2,213	1,986	2,135
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1		13	14	16	9	22
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2		10	17	16	14	17
Houma	Louisiana	1439	15	17	47	0	39	19	
Houma	Louisiana	1439	16	44	21	19	26	50	7
Lieberman Power Plant	Louisiana	1417	3	32	19	23	10	57	21
Lieberman Power Plant	Louisiana	1417	4	32	25	25	39	46	22
Little Gypsy	Louisiana	1402	1	253	277	11	430	523	297
Little Gypsy	Louisiana	1402	2	457	217	326	409	152	122
Little Gypsy	Louisiana	1402	3	1,057	327	954	795	1,296	1,261

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Big Cajun 2	Louisiana	6055	2B3	1,650					
Brame Energy Center	Louisiana	6190	1	523					
Brame Energy Center	Louisiana	6190	2	3,724					
Brame Energy Center	Louisiana	6190	3-1	140					
Brame Energy Center	Louisiana	6190	3-2	154					
Calcasieu Plant	Louisiana	55165	GTG1	26					
Calcasieu Plant	Louisiana	55165	GTG2	36					
Carville Energy Center	Louisiana	55404	COG01	78					
Carville Energy Center	Louisiana	55404	COG02	85					
Coughlin Power Station	Louisiana	1396	6-1	58					
Coughlin Power Station	Louisiana	1396	7-1	81					
Coughlin Power Station	Louisiana	1396	7-2	92					
D G Hunter	Louisiana	6558	3	121					
D G Hunter	Louisiana	6558	4	186					
Doc Bonin	Louisiana	1443	1	41					
Doc Bonin	Louisiana	1443	2	128					
Doc Bonin	Louisiana	1443	3	396					
Dolet Hills Power Station	Louisiana	51	1	5,695					
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	22					
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	17					
Houma	Louisiana	1439	15	47					
Houma	Louisiana	1439	16	63					
Lieberman Power Plant	Louisiana	1417	3	57					
Lieberman Power Plant	Louisiana	1417	4	46					
Little Gypsy	Louisiana	1402	1	523					
Little Gypsy	Louisiana	1402	2	457					
Little Gypsy	Louisiana	1402	3	1,296					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Big Cajun 2	Louisiana	6055	2B3			1,354	1,354
Brame Energy Center	Louisiana	6190	1			300	300
Brame Energy Center	Louisiana	6190	2			1,102	1,102
Brame Energy Center	Louisiana	6190	3-1			140	140
Brame Energy Center	Louisiana	6190	3-2			154	154
Calcasieu Plant	Louisiana	55165	GTG1			26	26
Calcasieu Plant	Louisiana	55165	GTG2			36	36
Carville Energy Center	Louisiana	55404	COG01			78	78
Carville Energy Center	Louisiana	55404	COG02			85	85
Coughlin Power Station	Louisiana	1396	6-1			58	58
Coughlin Power Station	Louisiana	1396	7-1			81	81
Coughlin Power Station	Louisiana	1396	7-2			92	92
D G Hunter	Louisiana	6558	3			5	5
D G Hunter	Louisiana	6558	4			10	10
Doc Bonin	Louisiana	1443	1			7	7
Doc Bonin	Louisiana	1443	2			84	84
Doc Bonin	Louisiana	1443	3			93	93
Dolet Hills Power Station	Louisiana	51	1			1,524	1,524
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1			22	22
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2			17	17
Houma	Louisiana	1439	15			14	14
Houma	Louisiana	1439	16			18	18
Lieberman Power Plant	Louisiana	1417	3			40	40
Lieberman Power Plant	Louisiana	1417	4			39	39
Little Gypsy	Louisiana	1402	1			192	192
Little Gypsy	Louisiana	1402	2			299	299
Little Gypsy	Louisiana	1402	3			497	497

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)
Big Cajun 2	Louisiana	6055	2B3	1,354	1,354	1,354	1,354
Brame Energy Center	Louisiana	6190	1	300	300	300	300
Brame Energy Center	Louisiana	6190	2	1,102	1,102	1,102	1,102
Brame Energy Center	Louisiana	6190	3-1	140	140	140	140
Brame Energy Center	Louisiana	6190	3-2	154	154	154	154
Calcasieu Plant	Louisiana	55165	GTG1	26	26	26	26
Calcasieu Plant	Louisiana	55165	GTG2	36	36	36	36
Carville Energy Center	Louisiana	55404	COG01	78	78	78	78
Carville Energy Center	Louisiana	55404	COG02	85	85	85	85
Coughlin Power Station	Louisiana	1396	6-1	58	58	58	58
Coughlin Power Station	Louisiana	1396	7-1	81	81	81	81
Coughlin Power Station	Louisiana	1396	7-2	92	92	92	92
D G Hunter	Louisiana	6558	3	5	5	5	5
D G Hunter	Louisiana	6558	4	10	10	10	10
Doc Bonin	Louisiana	1443	1	7	7	7	7
Doc Bonin	Louisiana	1443	2	84	84	84	84
Doc Bonin	Louisiana	1443	3	93	93	93	93
Dolet Hills Power Station	Louisiana	51	1	1,524	1,524	1,524	1,524
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1	22	22	22	22
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2	17	17	17	17
Houma	Louisiana	1439	15	14	14	14	14
Houma	Louisiana	1439	16	18	18	18	18
Lieberman Power Plant	Louisiana	1417	3	40	40	40	40
Lieberman Power Plant	Louisiana	1417	4	39	39	39	39
Little Gypsy	Louisiana	1402	1	192	192	192	192
Little Gypsy	Louisiana	1402	2	299	299	299	299
Little Gypsy	Louisiana	1402	3	497	497	497	497

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Big Cajun 2	Louisiana	6055	2B3				Y		
Brame Energy Center	Louisiana	6190	1				Y		
Brame Energy Center	Louisiana	6190	2				Y		
Brame Energy Center	Louisiana	6190	3-1				Y		
Brame Energy Center	Louisiana	6190	3-2				Y		
Calcasieu Plant	Louisiana	55165	GTG1				Y		
Calcasieu Plant	Louisiana	55165	GTG2				Y		
Carville Energy Center	Louisiana	55404	COG01				Y		
Carville Energy Center	Louisiana	55404	COG02				Y		
Coughlin Power Station	Louisiana	1396	6-1				Y		
Coughlin Power Station	Louisiana	1396	7-1				Y		
Coughlin Power Station	Louisiana	1396	7-2				Y		
D G Hunter	Louisiana	6558	3				Y		
D G Hunter	Louisiana	6558	4				Y		
Doc Bonin	Louisiana	1443	1				Y		
Doc Bonin	Louisiana	1443	2				Y		
Doc Bonin	Louisiana	1443	3				Y		Y
Dolet Hills Power Station	Louisiana	51	1				Y		
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-1				Y		
Hargis-Hebert Electric Generating Statio	Louisiana	56283	U-2				Y		
Houma	Louisiana	1439	15				Y		
Houma	Louisiana	1439	16				Y		
Lieberman Power Plant	Louisiana	1417	3				Y		
Lieberman Power Plant	Louisiana	1417	4				Y		
Little Gypsy	Louisiana	1402	1				Y		
Little Gypsy	Louisiana	1402	2				Y		
Little Gypsy	Louisiana	1402	3				Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Louisiana 1	Louisiana	1391	1A	936	3,212,897	3,152,053	3,412,047	2,871,145	3,246,430
Louisiana 1	Louisiana	1391	2A	937	2,757,323	2,772,442	3,433,527	2,752,019	3,029,987
Louisiana 1	Louisiana	1391	3A	938	2,927,520	3,446,354	3,035,769	3,015,605	3,206,052
Louisiana 1	Louisiana	1391	4A	939	9,786,774	9,787,406	11,259,122	10,378,437	12,657,564
Louisiana 1	Louisiana	1391	5A	940	15,083,230	13,746,738	13,742,924	14,584,246	13,225,043
Michoud	Louisiana	1409	1	976	199	184	1,423	1,842	4,238
Michoud	Louisiana	1409	2	977	3,342,934	4,152,796	4,943,038	6,764,329	7,253,040
Michoud	Louisiana	1409	3	978	6,165,291	17,239,064	19,424,320	19,146,085	14,206,109
Morgan City Electrical Gen Facility	Louisiana	1449	4	989	1,299,661	620,325	389,796	479,150	443,366
Natchitoches	Louisiana	1450	10	990	22,569	6,443	26,749	12	
Nelson Industrial Steam Company	Louisiana	50030	1A	90014	9,630,212	10,632,356	11,121,587		5,884,497
Nelson Industrial Steam Company	Louisiana	50030	2A	90015	9,933,041	9,630,213	10,092,832	9,773,298	7,515,432
Ninemile Point	Louisiana	1403	1	966	1,345,621	233,275	1,231,016	1,879	4,390
Ninemile Point	Louisiana	1403	2	967	1,335,639	92,119	23		
Ninemile Point	Louisiana	1403	3	968	1,342,727	674,758	1,051,199	2,019,683	1,623,628
Ninemile Point	Louisiana	1403	4	969	22,236,335	32,266,618	19,522,581	25,172,304	21,794,304
Ninemile Point	Louisiana	1403	5	970	21,630,939	30,039,655	29,336,730	4,213,171	28,891,264
Ouachita Plant	Louisiana	55467	CTGEN1	4829	2,821,177	3,406,646	3,814,673	2,224,598	3,206,568
Ouachita Plant	Louisiana	55467	CTGEN2	4830	3,486,696	3,645,345	3,386,619	1,362,698	2,364,343
Ouachita Plant	Louisiana	55467	CTGEN3	4831	3,179,476	4,725,920	3,161,198	2,779,365	2,841,033
Perryville Power Station	Louisiana	55620	1-1	3329	7,926,698	8,704,358	7,851,013	6,191,623	7,104,830
Perryville Power Station	Louisiana	55620	1-2	3330	7,453,261	8,973,971	8,391,366	5,688,049	7,091,107
Perryville Power Station	Louisiana	55620	2-1	3331	103,622	251,720	175,474	52,906	58,319
Plaquemine Cogen Facility	Louisiana	55419	500	4709	12,624,368	13,655,997	10,701,253	13,202,195	11,799,101
Plaquemine Cogen Facility	Louisiana	55419	600	4710	12,066,164	11,517,405	13,926,273	11,433,234	14,570,355
Plaquemine Cogen Facility	Louisiana	55419	700	4711	13,726,721	10,713,578	12,630,912	14,107,757	12,343,307
Plaquemine Cogen Facility	Louisiana	55419	800	4712	11,069,382	9,820,773	9,906,219	12,314,394	13,827,572

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Louisiana 1	Louisiana	1391	1A	3,290,458	716,384,268	0.004593		
Louisiana 1	Louisiana	1391	2A	3,078,652	716,384,268	0.004297		
Louisiana 1	Louisiana	1391	3A	3,229,392	716,384,268	0.004508		
Louisiana 1	Louisiana	1391	4A	11,431,707	716,384,268	0.015958		
Louisiana 1	Louisiana	1391	5A	14,471,404	716,384,268	0.020201		
Michoud	Louisiana	1409	1	2,501	716,384,268	0.000003		
Michoud	Louisiana	1409	2	6,320,136	716,384,268	0.008822		
Michoud	Louisiana	1409	3	18,603,156	716,384,268	0.025968		
Morgan City Electrical Gen Facility	Louisiana	1449	4	799,712	716,384,268	0.001116		
Natchitoches	Louisiana	1450	10	18,587	716,384,268	0.000026		
Nelson Industrial Steam Company	Louisiana	50030	1A	10,461,385	716,384,268	0.014603		
Nelson Industrial Steam Company	Louisiana	50030	2A	9,933,057	716,384,268	0.013866		
Ninemile Point	Louisiana	1403	1	936,637	716,384,268	0.001307		
Ninemile Point	Louisiana	1403	2	475,927	716,384,268	0.000664		
Ninemile Point	Louisiana	1403	3	1,662,013	716,384,268	0.002320		
Ninemile Point	Louisiana	1403	4	26,558,419	716,384,268	0.037073		
Ninemile Point	Louisiana	1403	5	29,422,550	716,384,268	0.041071		
Ouachita Plant	Louisiana	55467	CTGEN1	3,475,962	716,384,268	0.004852		
Ouachita Plant	Louisiana	55467	CTGEN2	3,506,220	716,384,268	0.004894		
Ouachita Plant	Louisiana	55467	CTGEN3	3,688,865	716,384,268	0.005149		
Perryville Power Station	Louisiana	55620	1-1	8,160,690	716,384,268	0.011391		
Perryville Power Station	Louisiana	55620	1-2	8,272,866	716,384,268	0.011548		
Perryville Power Station	Louisiana	55620	2-1	176,939	716,384,268	0.000247		
Plaquemine Cogen Facility	Louisiana	55419	500	13,160,853	716,384,268	0.018371		
Plaquemine Cogen Facility	Louisiana	55419	600	13,520,931	716,384,268	0.018874		
Plaquemine Cogen Facility	Louisiana	55419	700	13,488,463	716,384,268	0.018829		
Plaquemine Cogen Facility	Louisiana	55419	800	12,403,783	716,384,268	0.017314		

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Louisiana 1	Louisiana	1391	1A						
Louisiana 1	Louisiana	1391	2A						
Louisiana 1	Louisiana	1391	3A						
Louisiana 1	Louisiana	1391	4A						
Louisiana 1	Louisiana	1391	5A						
Michoud	Louisiana	1409	1						
Michoud	Louisiana	1409	2						
Michoud	Louisiana	1409	3						
Morgan City Electrical Gen Facility	Louisiana	1449	4						
Natchitoches	Louisiana	1450	10						
Nelson Industrial Steam Company	Louisiana	50030	1A						
Nelson Industrial Steam Company	Louisiana	50030	2A						
Ninemile Point	Louisiana	1403	1						
Ninemile Point	Louisiana	1403	2						
Ninemile Point	Louisiana	1403	3						
Ninemile Point	Louisiana	1403	4						
Ninemile Point	Louisiana	1403	5						
Ouachita Plant	Louisiana	55467	CTGEN1						
Ouachita Plant	Louisiana	55467	CTGEN2						
Ouachita Plant	Louisiana	55467	CTGEN3						
Perryville Power Station	Louisiana	55620	1-1						
Perryville Power Station	Louisiana	55620	1-2						
Perryville Power Station	Louisiana	55620	2-1						
Plaquemine Cogen Facility	Louisiana	55419	500						
Plaquemine Cogen Facility	Louisiana	55419	600						
Plaquemine Cogen Facility	Louisiana	55419	700						
Plaquemine Cogen Facility	Louisiana	55419	800						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Louisiana 1	Louisiana	1391	1A	26	42	28	21	9
Louisiana 1	Louisiana	1391	2A	7	21	25	17	7
Louisiana 1	Louisiana	1391	3A	10	38	31	17	26
Louisiana 1	Louisiana	1391	4A	19	6	9	6	6
Louisiana 1	Louisiana	1391	5A	20	34	8	44	32
Michoud	Louisiana	1409	1	0	1	0		
Michoud	Louisiana	1409	2	3	1	1	1	1
Michoud	Louisiana	1409	3	4	16	30	2	222
Morgan City Electrical Gen Facility	Louisiana	1449	4	0	0	0	0	0
Natchitoches	Louisiana	1450	10	0	0	0	0	0
Nelson Industrial Steam Company	Louisiana	50030	1A					
Nelson Industrial Steam Company	Louisiana	50030	2A					
Ninemile Point	Louisiana	1403	1	0	1	1	0	0
Ninemile Point	Louisiana	1403	2	1	1	1	0	0
Ninemile Point	Louisiana	1403	3	1	1	1	0	0
Ninemile Point	Louisiana	1403	4	32	22	30	7	10
Ninemile Point	Louisiana	1403	5	21	31	6	6	10
Ouachita Plant	Louisiana	55467	CTGEN1	3	1	1	1	1
Ouachita Plant	Louisiana	55467	CTGEN2	4	1	1	1	1
Ouachita Plant	Louisiana	55467	CTGEN3	3	1	1	1	1
Perryville Power Station	Louisiana	55620	1-1	1	2	2	2	3
Perryville Power Station	Louisiana	55620	1-2	1	2	3	2	3
Perryville Power Station	Louisiana	55620	2-1	0	0	0	0	0
Plaquemine Cogen Facility	Louisiana	55419	500		3	3	2	2
Plaquemine Cogen Facility	Louisiana	55419	600		2	2	2	2
Plaquemine Cogen Facility	Louisiana	55419	700		3	3	2	2
Plaquemine Cogen Facility	Louisiana	55419	800		3	2	2	2

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Louisiana 1	Louisiana	1391	1A	21	2	2	42		
Louisiana 1	Louisiana	1391	2A	19	1	2	25		
Louisiana 1	Louisiana	1391	3A	14	2	2	38		
Louisiana 1	Louisiana	1391	4A	13	6	15	19		
Louisiana 1	Louisiana	1391	5A	29	18	7	44		
Michoud	Louisiana	1409	1		0	0	1		
Michoud	Louisiana	1409	2	1	2	2	3		
Michoud	Louisiana	1409	3	10	6	4	222		
Morgan City Electrical Gen Facility	Louisiana	1449	4	0	0	0	0		
Natchitoches	Louisiana	1450	10	0			0		
Nelson Industrial Steam Company	Louisiana	50030	1A			1,841	1,841		
Nelson Industrial Steam Company	Louisiana	50030	2A		3,197	2,292	3,197		
Ninemile Point	Louisiana	1403	1	0		0	1		
Ninemile Point	Louisiana	1403	2				1		
Ninemile Point	Louisiana	1403	3	0	1	0	1		
Ninemile Point	Louisiana	1403	4	25	8	7	32		
Ninemile Point	Louisiana	1403	5	10	1	9	31		
Ouachita Plant	Louisiana	55467	CTGEN1	1	1	1	3		
Ouachita Plant	Louisiana	55467	CTGEN2	1	0	1	4		
Ouachita Plant	Louisiana	55467	CTGEN3	1	1	1	3		
Perryville Power Station	Louisiana	55620	1-1	2	2	2	3		
Perryville Power Station	Louisiana	55620	1-2	3	2	2	3		
Perryville Power Station	Louisiana	55620	2-1	0	0	0	0		
Plaquemine Cogen Facility	Louisiana	55419	500	2	3	2	3		
Plaquemine Cogen Facility	Louisiana	55419	600	3	2	3	3		
Plaquemine Cogen Facility	Louisiana	55419	700	2	3	5	5		
Plaquemine Cogen Facility	Louisiana	55419	800	2	2	3	3		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Louisiana 1	Louisiana	1391	1A					177	272
Louisiana 1	Louisiana	1391	2A					148	160
Louisiana 1	Louisiana	1391	3A					198	230
Louisiana 1	Louisiana	1391	4A					973	953
Louisiana 1	Louisiana	1391	5A					332	280
Michoud	Louisiana	1409	1					43	93
Michoud	Louisiana	1409	2					1,187	430
Michoud	Louisiana	1409	3					2,736	3,227
Morgan City Electrical Gen Facility	Louisiana	1449	4					33	66
Natchitoches	Louisiana	1450	10					2	2
Nelson Industrial Steam Company	Louisiana	50030	1A						
Nelson Industrial Steam Company	Louisiana	50030	2A						
Ninemile Point	Louisiana	1403	1					125	188
Ninemile Point	Louisiana	1403	2					160	177
Ninemile Point	Louisiana	1403	3					127	141
Ninemile Point	Louisiana	1403	4					3,891	2,638
Ninemile Point	Louisiana	1403	5					2,911	4,595
Ouachita Plant	Louisiana	55467	CTGEN1					40	12
Ouachita Plant	Louisiana	55467	CTGEN2					41	9
Ouachita Plant	Louisiana	55467	CTGEN3					36	9
Perryville Power Station	Louisiana	55620	1-1					34	44
Perryville Power Station	Louisiana	55620	1-2					36	49
Perryville Power Station	Louisiana	55620	2-1					1	2
Plaquemine Cogen Facility	Louisiana	55419	500						98
Plaquemine Cogen Facility	Louisiana	55419	600						59
Plaquemine Cogen Facility	Louisiana	55419	700						68
Plaquemine Cogen Facility	Louisiana	55419	800						72

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Louisiana 1	Louisiana	1391	1A	169	142	143	148	122
Louisiana 1	Louisiana	1391	2A	137	137	143	160	128
Louisiana 1	Louisiana	1391	3A	140	145	172	152	141
Louisiana 1	Louisiana	1391	4A	876	828	777	852	792
Louisiana 1	Louisiana	1391	5A	324	268	263	282	289
Michoud	Louisiana	1409	1	34	0	0	0	0
Michoud	Louisiana	1409	2	313	211	298	432	699
Michoud	Louisiana	1409	3	2,688	877	2,298	2,064	1,005
Morgan City Electrical Gen Facility	Louisiana	1449	4	32	76	27	19	26
Natchitoches	Louisiana	1450	10	1	3	1	3	
Nelson Industrial Steam Company	Louisiana	50030	1A				742	
Nelson Industrial Steam Company	Louisiana	50030	2A				838	713
Ninemile Point	Louisiana	1403	1	155	99	18	76	0
Ninemile Point	Louisiana	1403	2	106	75	5		
Ninemile Point	Louisiana	1403	3	176	88	41	63	151
Ninemile Point	Louisiana	1403	4	3,340	3,193	5,265	3,146	4,241
Ninemile Point	Louisiana	1403	5	3,220	3,543	4,980	4,599	628
Ouachita Plant	Louisiana	55467	CTGEN1	16	31	36	37	21
Ouachita Plant	Louisiana	55467	CTGEN2	13	37	39	33	14
Ouachita Plant	Louisiana	55467	CTGEN3	24	34	51	32	24
Perryville Power Station	Louisiana	55620	1-1	47	50	53	49	54
Perryville Power Station	Louisiana	55620	1-2	56	46	54	55	48
Perryville Power Station	Louisiana	55620	2-1	3	2	3	3	1
Plaquemine Cogen Facility	Louisiana	55419	500	94	86	104	84	100
Plaquemine Cogen Facility	Louisiana	55419	600	102	96	85	98	85
Plaquemine Cogen Facility	Louisiana	55419	700	100	90	75	87	90
Plaquemine Cogen Facility	Louisiana	55419	800	80	81	69	94	91

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Louisiana 1	Louisiana	1391	1A	152	272				
Louisiana 1	Louisiana	1391	2A	155	160				
Louisiana 1	Louisiana	1391	3A	157	230				
Louisiana 1	Louisiana	1391	4A	1,081	1,081				
Louisiana 1	Louisiana	1391	5A	282	332				
Michoud	Louisiana	1409	1	0	93				
Michoud	Louisiana	1409	2	800	1,187				
Michoud	Louisiana	1409	3	874	3,227				
Morgan City Electrical Gen Facility	Louisiana	1449	4	23	76				
Natchitoches	Louisiana	1450	10		3				
Nelson Industrial Steam Company	Louisiana	50030	1A	276	742				
Nelson Industrial Steam Company	Louisiana	50030	2A	583	838				
Ninemile Point	Louisiana	1403	1	0	188				
Ninemile Point	Louisiana	1403	2		177				
Ninemile Point	Louisiana	1403	3	119	176				
Ninemile Point	Louisiana	1403	4	3,536	5,265				
Ninemile Point	Louisiana	1403	5	4,410	4,980				
Ouachita Plant	Louisiana	55467	CTGEN1	28	40				
Ouachita Plant	Louisiana	55467	CTGEN2	25	41				
Ouachita Plant	Louisiana	55467	CTGEN3	26	51				
Perryville Power Station	Louisiana	55620	1-1	60	60				
Perryville Power Station	Louisiana	55620	1-2	55	56				
Perryville Power Station	Louisiana	55620	2-1	1	3				
Plaquemine Cogen Facility	Louisiana	55419	500	94	104				
Plaquemine Cogen Facility	Louisiana	55419	600	127	127				
Plaquemine Cogen Facility	Louisiana	55419	700	94	100				
Plaquemine Cogen Facility	Louisiana	55419	800	104	104				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Louisiana 1	Louisiana	1391	1A				
Louisiana 1	Louisiana	1391	2A				
Louisiana 1	Louisiana	1391	3A				
Louisiana 1	Louisiana	1391	4A				
Louisiana 1	Louisiana	1391	5A				
Michoud	Louisiana	1409	1				
Michoud	Louisiana	1409	2				
Michoud	Louisiana	1409	3				
Morgan City Electrical Gen Facility	Louisiana	1449	4				
Natchitoches	Louisiana	1450	10				
Nelson Industrial Steam Company	Louisiana	50030	1A				
Nelson Industrial Steam Company	Louisiana	50030	2A				
Ninemile Point	Louisiana	1403	1				
Ninemile Point	Louisiana	1403	2				
Ninemile Point	Louisiana	1403	3				
Ninemile Point	Louisiana	1403	4				
Ninemile Point	Louisiana	1403	5				
Ouachita Plant	Louisiana	55467	CTGEN1				
Ouachita Plant	Louisiana	55467	CTGEN2				
Ouachita Plant	Louisiana	55467	CTGEN3				
Perryville Power Station	Louisiana	55620	1-1				
Perryville Power Station	Louisiana	55620	1-2				
Perryville Power Station	Louisiana	55620	2-1				
Plaquemine Cogen Facility	Louisiana	55419	500				
Plaquemine Cogen Facility	Louisiana	55419	600				
Plaquemine Cogen Facility	Louisiana	55419	700				
Plaquemine Cogen Facility	Louisiana	55419	800				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Louisiana 1	Louisiana	1391	1A				
Louisiana 1	Louisiana	1391	2A				
Louisiana 1	Louisiana	1391	3A				
Louisiana 1	Louisiana	1391	4A				
Louisiana 1	Louisiana	1391	5A				
Michoud	Louisiana	1409	1				
Michoud	Louisiana	1409	2				
Michoud	Louisiana	1409	3				
Morgan City Electrical Gen Facility	Louisiana	1449	4				
Natchitoches	Louisiana	1450	10				
Nelson Industrial Steam Company	Louisiana	50030	1A				
Nelson Industrial Steam Company	Louisiana	50030	2A				
Ninemile Point	Louisiana	1403	1				
Ninemile Point	Louisiana	1403	2				
Ninemile Point	Louisiana	1403	3				
Ninemile Point	Louisiana	1403	4				
Ninemile Point	Louisiana	1403	5				
Ouachita Plant	Louisiana	55467	CTGEN1				
Ouachita Plant	Louisiana	55467	CTGEN2				
Ouachita Plant	Louisiana	55467	CTGEN3				
Perryville Power Station	Louisiana	55620	1-1				
Perryville Power Station	Louisiana	55620	1-2				
Perryville Power Station	Louisiana	55620	2-1				
Plaquemine Cogen Facility	Louisiana	55419	500				
Plaquemine Cogen Facility	Louisiana	55419	600				
Plaquemine Cogen Facility	Louisiana	55419	700				
Plaquemine Cogen Facility	Louisiana	55419	800				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Louisiana 1	Louisiana	1391	1A				
Louisiana 1	Louisiana	1391	2A				
Louisiana 1	Louisiana	1391	3A				
Louisiana 1	Louisiana	1391	4A				
Louisiana 1	Louisiana	1391	5A				
Michoud	Louisiana	1409	1				
Michoud	Louisiana	1409	2				
Michoud	Louisiana	1409	3				
Morgan City Electrical Gen Facility	Louisiana	1449	4				
Natchitoches	Louisiana	1450	10				
Nelson Industrial Steam Company	Louisiana	50030	1A				
Nelson Industrial Steam Company	Louisiana	50030	2A				
Ninemile Point	Louisiana	1403	1				
Ninemile Point	Louisiana	1403	2				
Ninemile Point	Louisiana	1403	3				
Ninemile Point	Louisiana	1403	4				
Ninemile Point	Louisiana	1403	5				
Ouachita Plant	Louisiana	55467	CTGEN1				
Ouachita Plant	Louisiana	55467	CTGEN2				
Ouachita Plant	Louisiana	55467	CTGEN3				
Perryville Power Station	Louisiana	55620	1-1				
Perryville Power Station	Louisiana	55620	1-2				
Perryville Power Station	Louisiana	55620	2-1				
Plaquemine Cogen Facility	Louisiana	55419	500				
Plaquemine Cogen Facility	Louisiana	55419	600				
Plaquemine Cogen Facility	Louisiana	55419	700				
Plaquemine Cogen Facility	Louisiana	55419	800				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Louisiana 1	Louisiana	1391	1A			1,335,107	1,289,189	1,527,815
Louisiana 1	Louisiana	1391	2A			1,219,223	1,201,431	1,492,669
Louisiana 1	Louisiana	1391	3A			1,379,143	1,678,640	924,710
Louisiana 1	Louisiana	1391	4A			3,955,173	4,084,133	4,766,613
Louisiana 1	Louisiana	1391	5A			6,261,071	5,100,649	5,780,567
Michoud	Louisiana	1409	1			199		
Michoud	Louisiana	1409	2			1,854,663	2,175,788	2,932,986
Michoud	Louisiana	1409	3			4,681,921	9,924,202	8,539,438
Morgan City Electrical Gen Facility	Louisiana	1449	4			1,236,128	501,567	389,796
Natchitoches	Louisiana	1450	10			5,862	6,441	9,901
Nelson Industrial Steam Company	Louisiana	50030	1A			4,154,268	4,642,448	4,583,780
Nelson Industrial Steam Company	Louisiana	50030	2A			4,154,268	4,642,447	4,032,154
Ninemile Point	Louisiana	1403	1			905,718	69,765	986,360
Ninemile Point	Louisiana	1403	2			1,060,061	842	23
Ninemile Point	Louisiana	1403	3			954,775	362,563	879,986
Ninemile Point	Louisiana	1403	4			9,267,610	15,542,275	12,690,008
Ninemile Point	Louisiana	1403	5			12,232,788	15,541,694	14,227,331
Ouachita Plant	Louisiana	55467	CTGEN1			2,219,130	2,379,861	2,386,630
Ouachita Plant	Louisiana	55467	CTGEN2			2,629,068	2,625,032	2,041,638
Ouachita Plant	Louisiana	55467	CTGEN3			2,740,660	2,811,401	1,684,268
Perryville Power Station	Louisiana	55620	1-1			4,019,367	3,630,358	3,995,686
Perryville Power Station	Louisiana	55620	1-2			3,729,314	3,718,643	3,895,829
Perryville Power Station	Louisiana	55620	2-1			70,326	146,777	53,468
Plaquemine Cogen Facility	Louisiana	55419	500			5,782,069	5,829,074	3,436,478
Plaquemine Cogen Facility	Louisiana	55419	600			4,926,082	5,469,340	5,406,913
Plaquemine Cogen Facility	Louisiana	55419	700			5,241,783	3,322,086	5,260,352
Plaquemine Cogen Facility	Louisiana	55419	800			5,095,033	3,736,710	5,108,776

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Louisiana 1	Louisiana	1391	1A	1,450,482	1,497,914	1,492,070	349,547,842	0.004269
Louisiana 1	Louisiana	1391	2A	1,268,627	1,324,217	1,361,838	349,547,842	0.003896
Louisiana 1	Louisiana	1391	3A	1,465,037	1,598,805	1,580,827	349,547,842	0.004522
Louisiana 1	Louisiana	1391	4A	3,139,077	5,813,315	4,888,020	349,547,842	0.013984
Louisiana 1	Louisiana	1391	5A	6,220,568	4,355,968	6,087,402	349,547,842	0.017415
Michoud	Louisiana	1409	1		4,238	2,219	349,547,842	0.000006
Michoud	Louisiana	1409	2	3,602,871	4,147,605	3,561,154	349,547,842	0.010188
Michoud	Louisiana	1409	3	8,341,324	4,720,187	8,934,988	349,547,842	0.025562
Morgan City Electrical Gen Facility	Louisiana	1449	4	364,536	441,234	726,310	349,547,842	0.002078
Natchitoches	Louisiana	1450	10			7,401	349,547,842	0.000021
Nelson Industrial Steam Company	Louisiana	50030	1A		2,482,560	4,460,165	349,547,842	0.012760
Nelson Industrial Steam Company	Louisiana	50030	2A	4,176,855	3,633,351	4,324,523	349,547,842	0.012372
Ninemile Point	Louisiana	1403	1	588	1,323	653,948	349,547,842	0.001871
Ninemile Point	Louisiana	1403	2			353,642	349,547,842	0.001012
Ninemile Point	Louisiana	1403	3	1,370,911	1,558,459	1,294,715	349,547,842	0.003704
Ninemile Point	Louisiana	1403	4	10,835,131	12,087,539	13,439,941	349,547,842	0.038450
Ninemile Point	Louisiana	1403	5	3,166,087	14,624,946	14,797,991	349,547,842	0.042335
Ouachita Plant	Louisiana	55467	CTGEN1	624,039	2,040,482	2,328,540	349,547,842	0.006662
Ouachita Plant	Louisiana	55467	CTGEN2	604,894	1,361,775	2,431,913	349,547,842	0.006957
Ouachita Plant	Louisiana	55467	CTGEN3	1,400,775	1,500,041	2,412,110	349,547,842	0.006901
Perryville Power Station	Louisiana	55620	1-1	3,668,396	4,211,073	4,075,375	349,547,842	0.011659
Perryville Power Station	Louisiana	55620	1-2	2,977,490	4,576,516	4,067,220	349,547,842	0.011636
Perryville Power Station	Louisiana	55620	2-1	6,751	24,646	90,191	349,547,842	0.000258
Plaquemine Cogen Facility	Louisiana	55419	500	6,503,400	3,852,597	6,038,181	349,547,842	0.017274
Plaquemine Cogen Facility	Louisiana	55419	600	2,399,312	5,933,178	5,603,144	349,547,842	0.016030
Plaquemine Cogen Facility	Louisiana	55419	700	7,040,675	5,640,582	5,980,536	349,547,842	0.017109
Plaquemine Cogen Facility	Louisiana	55419	800	4,898,649	5,297,180	5,166,996	349,547,842	0.014782

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Louisiana 1	Louisiana	1391	1A	17,753	17,753	76	76	58	117
Louisiana 1	Louisiana	1391	2A	17,753	17,753	69	69	42	57
Louisiana 1	Louisiana	1391	3A	17,753	17,753	80	80	71	97
Louisiana 1	Louisiana	1391	4A	17,753	17,753	248	248	380	376
Louisiana 1	Louisiana	1391	5A	17,753	17,753	309	309	138	108
Michoud	Louisiana	1409	1	17,753	17,753	0	0	31	51
Michoud	Louisiana	1409	2	17,753	17,753	181	181	477	254
Michoud	Louisiana	1409	3	17,753	17,753	454	454	1,630	1,408
Morgan City Electrical Gen Facility	Louisiana	1449	4	17,753	17,753	37	37	21	36
Natchitoches	Louisiana	1450	10	17,753	17,753	0	0	0	2
Nelson Industrial Steam Company	Louisiana	50030	1A	17,753	17,753	227	227		
Nelson Industrial Steam Company	Louisiana	50030	2A	17,753	17,753	220	220		
Ninemile Point	Louisiana	1403	1	17,753	17,753	33	33	56	89
Ninemile Point	Louisiana	1403	2	17,753	17,753	18	18	77	88
Ninemile Point	Louisiana	1403	3	17,753	17,753	66	66	82	89
Ninemile Point	Louisiana	1403	4	17,753	17,753	683	683	1,639	1,637
Ninemile Point	Louisiana	1403	5	17,753	17,753	752	752	1,505	2,551
Ouachita Plant	Louisiana	55467	CTGEN1	17,753	17,753	118	118	17	5
Ouachita Plant	Louisiana	55467	CTGEN2	17,753	17,753	124	124	16	6
Ouachita Plant	Louisiana	55467	CTGEN3	17,753	17,753	123	123	18	7
Perryville Power Station	Louisiana	55620	1-1	17,753	17,753	207	207	20	21
Perryville Power Station	Louisiana	55620	1-2	17,753	17,753	207	207	20	23
Perryville Power Station	Louisiana	55620	2-1	17,753	17,753	5	5	1	1
Plaquemine Cogen Facility	Louisiana	55419	500	17,753	17,753	307	307		34
Plaquemine Cogen Facility	Louisiana	55419	600	17,753	17,753	285	285		22
Plaquemine Cogen Facility	Louisiana	55419	700	17,753	17,753	304	304		29
Plaquemine Cogen Facility	Louisiana	55419	800	17,753	17,753	262	262		38

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Louisiana 1	Louisiana	1391	1A	59	54	57	61	57	68
Louisiana 1	Louisiana	1391	2A	51	61	62	64	58	68
Louisiana 1	Louisiana	1391	3A	62	66	81	45	68	77
Louisiana 1	Louisiana	1391	4A	370	319	299	352	230	478
Louisiana 1	Louisiana	1391	5A	128	103	97	108	110	93
Michoud	Louisiana	1409	1	19	0				0
Michoud	Louisiana	1409	2	221	130	170	281	406	481
Michoud	Louisiana	1409	3	1,202	701	1,253	806	429	286
Morgan City Electrical Gen Facility	Louisiana	1449	4	27	73	22	19	19	23
Natchitoches	Louisiana	1450	10	1	1	1	1		
Nelson Industrial Steam Company	Louisiana	50030	1A				210		67
Nelson Industrial Steam Company	Louisiana	50030	2A				208	326	282
Ninemile Point	Louisiana	1403	1	60	67	4	64	0	0
Ninemile Point	Louisiana	1403	2	44	60	0			
Ninemile Point	Louisiana	1403	3	87	62	22	52	106	114
Ninemile Point	Louisiana	1403	4	2,277	1,297	2,852	2,149	2,242	2,152
Ninemile Point	Louisiana	1403	5	1,825	1,973	2,752	2,468	474	2,643
Ouachita Plant	Louisiana	55467	CTGEN1	13	23	24	20	7	16
Ouachita Plant	Louisiana	55467	CTGEN2	12	26	26	18	7	14
Ouachita Plant	Louisiana	55467	CTGEN3	15	27	28	15	10	12
Perryville Power Station	Louisiana	55620	1-1	20	25	22	23	29	33
Perryville Power Station	Louisiana	55620	1-2	27	22	22	24	23	33
Perryville Power Station	Louisiana	55620	2-1	2	1	2	1	0	0
Plaquemine Cogen Facility	Louisiana	55419	500	35	39	44	28	50	26
Plaquemine Cogen Facility	Louisiana	55419	600	45	40	40	38	21	49
Plaquemine Cogen Facility	Louisiana	55419	700	40	32	24	36	45	46
Plaquemine Cogen Facility	Louisiana	55419	800	34	36	26	59	37	36

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Louisiana 1	Louisiana	1391	1A	117					
Louisiana 1	Louisiana	1391	2A	68					
Louisiana 1	Louisiana	1391	3A	97					
Louisiana 1	Louisiana	1391	4A	478					
Louisiana 1	Louisiana	1391	5A	138					
Michoud	Louisiana	1409	1	51					
Michoud	Louisiana	1409	2	481					
Michoud	Louisiana	1409	3	1,630					
Morgan City Electrical Gen Facility	Louisiana	1449	4	73					
Natchitoches	Louisiana	1450	10	2					
Nelson Industrial Steam Company	Louisiana	50030	1A	210					
Nelson Industrial Steam Company	Louisiana	50030	2A	326					
Ninemile Point	Louisiana	1403	1	89					
Ninemile Point	Louisiana	1403	2	88					
Ninemile Point	Louisiana	1403	3	114					
Ninemile Point	Louisiana	1403	4	2,852					
Ninemile Point	Louisiana	1403	5	2,752					
Ouachita Plant	Louisiana	55467	CTGEN1	24					
Ouachita Plant	Louisiana	55467	CTGEN2	26					
Ouachita Plant	Louisiana	55467	CTGEN3	28					
Perryville Power Station	Louisiana	55620	1-1	33					
Perryville Power Station	Louisiana	55620	1-2	33					
Perryville Power Station	Louisiana	55620	2-1	2					
Plaquemine Cogen Facility	Louisiana	55419	500	50					
Plaquemine Cogen Facility	Louisiana	55419	600	49					
Plaquemine Cogen Facility	Louisiana	55419	700	46					
Plaquemine Cogen Facility	Louisiana	55419	800	59					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Louisiana 1	Louisiana	1391	1A			102	102
Louisiana 1	Louisiana	1391	2A			68	68
Louisiana 1	Louisiana	1391	3A			97	97
Louisiana 1	Louisiana	1391	4A			334	334
Louisiana 1	Louisiana	1391	5A			138	138
Michoud	Louisiana	1409	1			0	0
Michoud	Louisiana	1409	2			243	243
Michoud	Louisiana	1409	3			610	610
Morgan City Electrical Gen Facility	Louisiana	1449	4			50	50
Natchitoches	Louisiana	1450	10			1	1
Nelson Industrial Steam Company	Louisiana	50030	1A			210	210
Nelson Industrial Steam Company	Louisiana	50030	2A			295	295
Ninemile Point	Louisiana	1403	1			45	45
Ninemile Point	Louisiana	1403	2			24	24
Ninemile Point	Louisiana	1403	3			88	88
Ninemile Point	Louisiana	1403	4			918	918
Ninemile Point	Louisiana	1403	5			1,011	1,011
Ouachita Plant	Louisiana	55467	CTGEN1			24	24
Ouachita Plant	Louisiana	55467	CTGEN2			26	26
Ouachita Plant	Louisiana	55467	CTGEN3			28	28
Perryville Power Station	Louisiana	55620	1-1			33	33
Perryville Power Station	Louisiana	55620	1-2			33	33
Perryville Power Station	Louisiana	55620	2-1			2	2
Plaquemine Cogen Facility	Louisiana	55419	500			50	50
Plaquemine Cogen Facility	Louisiana	55419	600			49	49
Plaquemine Cogen Facility	Louisiana	55419	700			46	46
Plaquemine Cogen Facility	Louisiana	55419	800			59	59

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Louisiana 1	Louisiana	1391	1A	102	102	102	102
Louisiana 1	Louisiana	1391	2A	68	68	68	68
Louisiana 1	Louisiana	1391	3A	97	97	97	97
Louisiana 1	Louisiana	1391	4A	334	334	334	334
Louisiana 1	Louisiana	1391	5A	138	138	138	138
Michoud	Louisiana	1409	1	0	0	0	0
Michoud	Louisiana	1409	2	243	243	243	243
Michoud	Louisiana	1409	3	610	610	610	610
Morgan City Electrical Gen Facility	Louisiana	1449	4	50	50	50	50
Natchitoches	Louisiana	1450	10	1	1	1	1
Nelson Industrial Steam Company	Louisiana	50030	1A	210	210	210	210
Nelson Industrial Steam Company	Louisiana	50030	2A	295	295	295	295
Ninemile Point	Louisiana	1403	1	45	45	45	45
Ninemile Point	Louisiana	1403	2	24	24	24	24
Ninemile Point	Louisiana	1403	3	88	88	88	88
Ninemile Point	Louisiana	1403	4	918	918	918	918
Ninemile Point	Louisiana	1403	5	1,011	1,011	1,011	1,011
Ouachita Plant	Louisiana	55467	CTGEN1	24	24	24	24
Ouachita Plant	Louisiana	55467	CTGEN2	26	26	26	26
Ouachita Plant	Louisiana	55467	CTGEN3	28	28	28	28
Perryville Power Station	Louisiana	55620	1-1	33	33	33	33
Perryville Power Station	Louisiana	55620	1-2	33	33	33	33
Perryville Power Station	Louisiana	55620	2-1	2	2	2	2
Plaquemine Cogen Facility	Louisiana	55419	500	50	50	50	50
Plaquemine Cogen Facility	Louisiana	55419	600	49	49	49	49
Plaquemine Cogen Facility	Louisiana	55419	700	46	46	46	46
Plaquemine Cogen Facility	Louisiana	55419	800	59	59	59	59

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Louisiana 1	Louisiana	1391	1A				Y		
Louisiana 1	Louisiana	1391	2A				Y		
Louisiana 1	Louisiana	1391	3A				Y		
Louisiana 1	Louisiana	1391	4A				Y		
Louisiana 1	Louisiana	1391	5A				Y		
Michoud	Louisiana	1409	1				Y		
Michoud	Louisiana	1409	2				Y		
Michoud	Louisiana	1409	3				Y		
Morgan City Electrical Gen Facility	Louisiana	1449	4				Y		
Natchitoches	Louisiana	1450	10				Y		
Nelson Industrial Steam Company	Louisiana	50030	1A				Y		Y
Nelson Industrial Steam Company	Louisiana	50030	2A				Y		Y
Ninemile Point	Louisiana	1403	1				Y		
Ninemile Point	Louisiana	1403	2				Y		
Ninemile Point	Louisiana	1403	3				Y		
Ninemile Point	Louisiana	1403	4				Y		
Ninemile Point	Louisiana	1403	5				Y		
Ouachita Plant	Louisiana	55467	CTGEN1				Y		
Ouachita Plant	Louisiana	55467	CTGEN2				Y		
Ouachita Plant	Louisiana	55467	CTGEN3				Y		
Perryville Power Station	Louisiana	55620	1-1				Y		
Perryville Power Station	Louisiana	55620	1-2				Y		
Perryville Power Station	Louisiana	55620	2-1				Y		
Plaquemine Cogen Facility	Louisiana	55419	500				Y		
Plaquemine Cogen Facility	Louisiana	55419	600				Y		
Plaquemine Cogen Facility	Louisiana	55419	700				Y		
Plaquemine Cogen Facility	Louisiana	55419	800				Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
R S Cogen	Louisiana	55117	RS-5	3940	14,373,728	14,357,832	11,638,357	14,253,290	13,074,234
R S Cogen	Louisiana	55117	RS-6	3941	14,081,051	13,838,989	13,139,232	13,249,760	13,467,317
R S Nelson	Louisiana	1393	3	948	2,403,356	1,931,983	2,893,532	2,278,407	1,606,087
R S Nelson	Louisiana	1393	4	949	7,837,413	11,904,238	13,958,028	12,004,844	14,159,449
R S Nelson	Louisiana	1393	6	950	42,623,647	39,311,571	40,197,730	39,699,390	38,465,379
Sterlington	Louisiana	1404	10	971	2,006				
Sterlington	Louisiana	1404	7AB	972	206,123	267,983	29,852	117,577	41,807
Sterlington	Louisiana	1404	7C	973	243,868	309,522	113,986	111,974	37,820
T J Labbe Electric Generating Station	Louisiana	56108	U-1	89595	703,799	484,034	673,157	175,408	868,374
T J Labbe Electric Generating Station	Louisiana	56108	U-2	89596	639,917	575,547	535,876	197,766	517,823
Taft Cogeneration Facility	Louisiana	55089	CT1	3870	10,898,617	12,257,940	11,400,647	11,376,244	13,969,999
Taft Cogeneration Facility	Louisiana	55089	CT2	3871	10,570,482	11,229,165	12,143,353	12,779,297	14,238,906
Taft Cogeneration Facility	Louisiana	55089	CT3	3872	11,497,729	12,039,744	13,057,593	11,772,521	13,576,395
Teche Power Station	Louisiana	1400	2	961	14,791	11,639	14,966	605,384	49,414
Teche Power Station	Louisiana	1400	3	962	8,274,187	10,817,455	10,037,596	8,182,150	12,052,124
Waterford 1 & 2	Louisiana	8056	1	3450	621,891	3,293,656	5,917,959	4,998,005	6,258,175
Waterford 1 & 2	Louisiana	8056	2	3451	5,933,821	5,512,443	2,932,346	3,908,990	6,810,387
Waterford 1 & 2	Louisiana	8056	4	3561	2,468			18,319	8,698
Willow Glen	Louisiana	1394	1	951	64,502	107,640	559,050	167,186	487,769
Willow Glen	Louisiana	1394	2	952	413,296	657,494	1,021,876	1,251,956	794,705
Willow Glen	Louisiana	1394	3	953		14,829	13,008		
Willow Glen	Louisiana	1394	4	954	335,882	877,866	1,102,882	2,599,127	4,453,701
Willow Glen	Louisiana	1394	5	955	292,147	865,442			
Attala Generating Plant	Mississippi	55220	A01	4165	6,414,206	7,828,794	5,938,844	4,798,837	4,988,486
Attala Generating Plant	Mississippi	55220	A02	4166	6,351,758	7,661,950	7,197,445	4,745,080	5,946,387
Batesville Generation Facility	Mississippi	55063	1	3846	5,200,658	6,521,009	4,764,028	6,116,363	4,693,517
Batesville Generation Facility	Mississippi	55063	2	3847	4,790,086	3,404,017	4,044,971	7,249,669	5,361,859

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
R S Cogen	Louisiana	55117	RS-5	14,328,283	716,384,268	0.020001		
R S Cogen	Louisiana	55117	RS-6	13,795,786	716,384,268	0.019258		
R S Nelson	Louisiana	1393	3	2,525,098	716,384,268	0.003525		
R S Nelson	Louisiana	1393	4	13,374,107	716,384,268	0.018669		
R S Nelson	Louisiana	1393	6	40,840,256	716,384,268	0.057009		
Sterlington	Louisiana	1404	10	2,006	716,384,268	0.000003		
Sterlington	Louisiana	1404	7AB	197,228	716,384,268	0.000275		
Sterlington	Louisiana	1404	7C	222,459	716,384,268	0.000311		
T J Labbe Electric Generating Station	Louisiana	56108	U-1	748,443	716,384,268	0.001045		
T J Labbe Electric Generating Station	Louisiana	56108	U-2	583,780	716,384,268	0.000815		
Taft Cogeneration Facility	Louisiana	55089	CT1	12,542,862	716,384,268	0.017509		
Taft Cogeneration Facility	Louisiana	55089	CT2	13,053,852	716,384,268	0.018222		
Taft Cogeneration Facility	Louisiana	55089	CT3	12,891,244	716,384,268	0.017995		
Teche Power Station	Louisiana	1400	2	223,255	716,384,268	0.000312		
Teche Power Station	Louisiana	1400	3	10,969,058	716,384,268	0.015312		
Waterford 1 & 2	Louisiana	8056	1	5,724,713	716,384,268	0.007991		
Waterford 1 & 2	Louisiana	8056	2	6,085,550	716,384,268	0.008495		
Waterford 1 & 2	Louisiana	8056	4	9,828	716,384,268	0.000014		
Willow Glen	Louisiana	1394	1	404,668	716,384,268	0.000565		
Willow Glen	Louisiana	1394	2	1,022,845	716,384,268	0.001428		
Willow Glen	Louisiana	1394	3	13,919	716,384,268	0.000019		
Willow Glen	Louisiana	1394	4	2,718,570	716,384,268	0.003795		
Willow Glen	Louisiana	1394	5	578,794	716,384,268	0.000808		
Attala Generating Plant	Mississippi	55220	A01	6,727,282	412,995,679	0.016289		
Attala Generating Plant	Mississippi	55220	A02	7,070,384	412,995,679	0.017120		
Batesville Generation Facility	Mississippi	55063	1	5,946,010	412,995,679	0.014397		
Batesville Generation Facility	Mississippi	55063	2	5,800,538	412,995,679	0.014045		

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
R S Cogen	Louisiana	55117	RS-5						
R S Cogen	Louisiana	55117	RS-6						
R S Nelson	Louisiana	1393	3						
R S Nelson	Louisiana	1393	4						
R S Nelson	Louisiana	1393	6						
Sterlington	Louisiana	1404	10						
Sterlington	Louisiana	1404	7AB						
Sterlington	Louisiana	1404	7C						
T J Labbe Electric Generating Station	Louisiana	56108	U-1						
T J Labbe Electric Generating Station	Louisiana	56108	U-2						
Taft Cogeneration Facility	Louisiana	55089	CT1						
Taft Cogeneration Facility	Louisiana	55089	CT2						
Taft Cogeneration Facility	Louisiana	55089	CT3						
Teche Power Station	Louisiana	1400	2						
Teche Power Station	Louisiana	1400	3						
Waterford 1 & 2	Louisiana	8056	1						
Waterford 1 & 2	Louisiana	8056	2						
Waterford 1 & 2	Louisiana	8056	4						
Willow Glen	Louisiana	1394	1						
Willow Glen	Louisiana	1394	2						
Willow Glen	Louisiana	1394	3						
Willow Glen	Louisiana	1394	4						
Willow Glen	Louisiana	1394	5						
Attala Generating Plant	Mississippi	55220	A01						
Attala Generating Plant	Mississippi	55220	A02						
Batesville Generation Facility	Mississippi	55063	1						
Batesville Generation Facility	Mississippi	55063	2						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
R S Cogen	Louisiana	55117	RS-5	4	4	4	4	4
R S Cogen	Louisiana	55117	RS-6	4	4	4	4	4
R S Nelson	Louisiana	1393	3	2	1	1	1	1
R S Nelson	Louisiana	1393	4	3	4	3	2	4
R S Nelson	Louisiana	1393	6	13,655	13,179	13,248	17,442	14,548
Sterlington	Louisiana	1404	10	1	1	1	0	
Sterlington	Louisiana	1404	7AB	0	0	0	0	0
Sterlington	Louisiana	1404	7C	1	0	0	0	0
T J Labbe Electric Generating Station	Louisiana	56108	U-1			0	0	0
T J Labbe Electric Generating Station	Louisiana	56108	U-2			0	0	0
Taft Cogeneration Facility	Louisiana	55089	CT1	4	3	3	1	1
Taft Cogeneration Facility	Louisiana	55089	CT2	4	4	3	1	1
Taft Cogeneration Facility	Louisiana	55089	CT3	4	3	3	1	1
Teche Power Station	Louisiana	1400	2	0	0	0	0	0
Teche Power Station	Louisiana	1400	3	25	3	18	5	3
Waterford 1 & 2	Louisiana	8056	1	2,539	4,586	2,752	35	586
Waterford 1 & 2	Louisiana	8056	2	2,442	5,208	4,309	1,153	818
Waterford 1 & 2	Louisiana	8056	4	3	1	0	0	
Willow Glen	Louisiana	1394	1	1	0	0	0	0
Willow Glen	Louisiana	1394	2	1	1	3	0	0
Willow Glen	Louisiana	1394	3		0	0		0
Willow Glen	Louisiana	1394	4	129	0	43	63	0
Willow Glen	Louisiana	1394	5	487	597	1,365	43	56
Attala Generating Plant	Mississippi	55220	A01	0	1	2	2	2
Attala Generating Plant	Mississippi	55220	A02	0	1	2	2	2
Batesville Generation Facility	Mississippi	55063	1	1	1	1	2	2
Batesville Generation Facility	Mississippi	55063	2	1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
R S Cogen	Louisiana	55117	RS-5	3	4	4	4		
R S Cogen	Louisiana	55117	RS-6	4	4	4	4		
R S Nelson	Louisiana	1393	3	1	1	0	2		
R S Nelson	Louisiana	1393	4	4	4	4	4		
R S Nelson	Louisiana	1393	6	15,139	15,016	14,194	17,442		
Sterlington	Louisiana	1404	10				1		
Sterlington	Louisiana	1404	7AB	0	0	0	0		
Sterlington	Louisiana	1404	7C	0	0	0	1		
T J Labbe Electric Generating Station	Louisiana	56108	U-1	0	0	0	0		
T J Labbe Electric Generating Station	Louisiana	56108	U-2	0	0	0	0		
Taft Cogeneration Facility	Louisiana	55089	CT1	1	1	1	4		
Taft Cogeneration Facility	Louisiana	55089	CT2	1	1	1	4		
Taft Cogeneration Facility	Louisiana	55089	CT3	1	1	1	4		
Teche Power Station	Louisiana	1400	2	0	0	0	0		
Teche Power Station	Louisiana	1400	3	3	2	4	25		
Waterford 1 & 2	Louisiana	8056	1	921	207	307	4,586		
Waterford 1 & 2	Louisiana	8056	2	876	1	221	5,208		
Waterford 1 & 2	Louisiana	8056	4		0	0	3		
Willow Glen	Louisiana	1394	1	0	0	0	1		
Willow Glen	Louisiana	1394	2	0	0	0	3		
Willow Glen	Louisiana	1394	3	0			0		
Willow Glen	Louisiana	1394	4	0	1	1	129		
Willow Glen	Louisiana	1394	5				1,365		
Attala Generating Plant	Mississippi	55220	A01	2	1	1	2		
Attala Generating Plant	Mississippi	55220	A02	2	1	2	2		
Batesville Generation Facility	Mississippi	55063	1	1	2	1	2		
Batesville Generation Facility	Mississippi	55063	2	1	2	2	2		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
R S Cogen	Louisiana	55117	RS-5					358	386
R S Cogen	Louisiana	55117	RS-6					356	379
R S Nelson	Louisiana	1393	3					486	420
R S Nelson	Louisiana	1393	4					697	701
R S Nelson	Louisiana	1393	6					4,878	5,085
Sterlington	Louisiana	1404	10					594	170
Sterlington	Louisiana	1404	7AB					105	32
Sterlington	Louisiana	1404	7C					100	47
T J Labbe Electric Generating Station	Louisiana	56108	U-1						
T J Labbe Electric Generating Station	Louisiana	56108	U-2						
Taft Cogeneration Facility	Louisiana	55089	CT1					185	159
Taft Cogeneration Facility	Louisiana	55089	CT2					164	178
Taft Cogeneration Facility	Louisiana	55089	CT3					193	157
Teche Power Station	Louisiana	1400	2					5	78
Teche Power Station	Louisiana	1400	3					1,246	854
Waterford 1 & 2	Louisiana	8056	1					1,516	1,653
Waterford 1 & 2	Louisiana	8056	2					1,082	1,633
Waterford 1 & 2	Louisiana	8056	4					54	8
Willow Glen	Louisiana	1394	1					144	57
Willow Glen	Louisiana	1394	2					230	182
Willow Glen	Louisiana	1394	3						10
Willow Glen	Louisiana	1394	4					264	5
Willow Glen	Louisiana	1394	5					246	210
Attala Generating Plant	Mississippi	55220	A01					11	13
Attala Generating Plant	Mississippi	55220	A02					11	16
Batesville Generation Facility	Mississippi	55063	1					36	50
Batesville Generation Facility	Mississippi	55063	2					76	77

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
R S Cogen	Louisiana	55117	RS-5	389	383	412	307	443
R S Cogen	Louisiana	55117	RS-6	375	364	390	345	386
R S Nelson	Louisiana	1393	3	309	193	156	210	172
R S Nelson	Louisiana	1393	4	743	521	778	851	767
R S Nelson	Louisiana	1393	6	4,592	5,236	4,311	4,535	4,482
Sterlington	Louisiana	1404	10	382	0			
Sterlington	Louisiana	1404	7AB	57	41	51	6	20
Sterlington	Louisiana	1404	7C	53	44	54	21	20
T J Labbe Electric Generating Station	Louisiana	56108	U-1	5	28	19	26	7
T J Labbe Electric Generating Station	Louisiana	56108	U-2	7	25	22	22	7
Taft Cogeneration Facility	Louisiana	55089	CT1	156	156	182	161	155
Taft Cogeneration Facility	Louisiana	55089	CT2	149	146	172	173	174
Taft Cogeneration Facility	Louisiana	55089	CT3	154	149	175	180	166
Teche Power Station	Louisiana	1400	2	7	2	2	4	37
Teche Power Station	Louisiana	1400	3	1,017	815	1,127	979	854
Waterford 1 & 2	Louisiana	8056	1	893	42	282	443	309
Waterford 1 & 2	Louisiana	8056	2	1,087	546	468	294	227
Waterford 1 & 2	Louisiana	8056	4	13	0			11
Willow Glen	Louisiana	1394	1	33	4	7	40	12
Willow Glen	Louisiana	1394	2	220	31	40	70	79
Willow Glen	Louisiana	1394	3	1		0	0	
Willow Glen	Louisiana	1394	4	163	30	80	121	287
Willow Glen	Louisiana	1394	5	609	15	82		
Attala Generating Plant	Mississippi	55220	A01	38	27	37	31	20
Attala Generating Plant	Mississippi	55220	A02	53	19	32	32	19
Batesville Generation Facility	Mississippi	55063	1	61	73	92	69	108
Batesville Generation Facility	Mississippi	55063	2	80	71	46	66	166

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
R S Cogen	Louisiana	55117	RS-5	373	443				
R S Cogen	Louisiana	55117	RS-6	372	390				
R S Nelson	Louisiana	1393	3	111	486				
R S Nelson	Louisiana	1393	4	918	918				
R S Nelson	Louisiana	1393	6	3,776	5,236				
Sterlington	Louisiana	1404	10		594				
Sterlington	Louisiana	1404	7AB	7	105				
Sterlington	Louisiana	1404	7C	6	100				
T J Labbe Electric Generating Station	Louisiana	56108	U-1	34	34				
T J Labbe Electric Generating Station	Louisiana	56108	U-2	20	25				
Taft Cogeneration Facility	Louisiana	55089	CT1	197	197				
Taft Cogeneration Facility	Louisiana	55089	CT2	197	197				
Taft Cogeneration Facility	Louisiana	55089	CT3	191	193				
Teche Power Station	Louisiana	1400	2	2	78				
Teche Power Station	Louisiana	1400	3	1,417	1,417				
Waterford 1 & 2	Louisiana	8056	1	388	1,653				
Waterford 1 & 2	Louisiana	8056	2	407	1,633				
Waterford 1 & 2	Louisiana	8056	4	1	54				
Willow Glen	Louisiana	1394	1	31	144				
Willow Glen	Louisiana	1394	2	52	230				
Willow Glen	Louisiana	1394	3		10				
Willow Glen	Louisiana	1394	4	607	607				
Willow Glen	Louisiana	1394	5		609				
Attala Generating Plant	Mississippi	55220	A01	19	38				
Attala Generating Plant	Mississippi	55220	A02	22	53				
Batesville Generation Facility	Mississippi	55063	1	87	108				
Batesville Generation Facility	Mississippi	55063	2	101	166				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
R S Cogen	Louisiana	55117	RS-5				
R S Cogen	Louisiana	55117	RS-6				
R S Nelson	Louisiana	1393	3				
R S Nelson	Louisiana	1393	4				
R S Nelson	Louisiana	1393	6				
Sterlington	Louisiana	1404	10				
Sterlington	Louisiana	1404	7AB				
Sterlington	Louisiana	1404	7C				
T J Labbe Electric Generating Station	Louisiana	56108	U-1				
T J Labbe Electric Generating Station	Louisiana	56108	U-2				
Taft Cogeneration Facility	Louisiana	55089	CT1				
Taft Cogeneration Facility	Louisiana	55089	CT2				
Taft Cogeneration Facility	Louisiana	55089	CT3				
Teche Power Station	Louisiana	1400	2				
Teche Power Station	Louisiana	1400	3				
Waterford 1 & 2	Louisiana	8056	1				
Waterford 1 & 2	Louisiana	8056	2				
Waterford 1 & 2	Louisiana	8056	4				
Willow Glen	Louisiana	1394	1				
Willow Glen	Louisiana	1394	2				
Willow Glen	Louisiana	1394	3				
Willow Glen	Louisiana	1394	4				
Willow Glen	Louisiana	1394	5				
Attala Generating Plant	Mississippi	55220	A01				
Attala Generating Plant	Mississippi	55220	A02				
Batesville Generation Facility	Mississippi	55063	1				
Batesville Generation Facility	Mississippi	55063	2				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
R S Cogen	Louisiana	55117	RS-5				
R S Cogen	Louisiana	55117	RS-6				
R S Nelson	Louisiana	1393	3				
R S Nelson	Louisiana	1393	4				
R S Nelson	Louisiana	1393	6				
Sterlington	Louisiana	1404	10				
Sterlington	Louisiana	1404	7AB				
Sterlington	Louisiana	1404	7C				
T J Labbe Electric Generating Station	Louisiana	56108	U-1				
T J Labbe Electric Generating Station	Louisiana	56108	U-2				
Taft Cogeneration Facility	Louisiana	55089	CT1				
Taft Cogeneration Facility	Louisiana	55089	CT2				
Taft Cogeneration Facility	Louisiana	55089	CT3				
Teche Power Station	Louisiana	1400	2				
Teche Power Station	Louisiana	1400	3				
Waterford 1 & 2	Louisiana	8056	1				
Waterford 1 & 2	Louisiana	8056	2				
Waterford 1 & 2	Louisiana	8056	4				
Willow Glen	Louisiana	1394	1				
Willow Glen	Louisiana	1394	2				
Willow Glen	Louisiana	1394	3				
Willow Glen	Louisiana	1394	4				
Willow Glen	Louisiana	1394	5				
Attala Generating Plant	Mississippi	55220	A01				
Attala Generating Plant	Mississippi	55220	A02				
Batesville Generation Facility	Mississippi	55063	1				
Batesville Generation Facility	Mississippi	55063	2				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
R S Cogen	Louisiana	55117	RS-5				
R S Cogen	Louisiana	55117	RS-6				
R S Nelson	Louisiana	1393	3				
R S Nelson	Louisiana	1393	4				
R S Nelson	Louisiana	1393	6				
Sterlington	Louisiana	1404	10				
Sterlington	Louisiana	1404	7AB				
Sterlington	Louisiana	1404	7C				
T J Labbe Electric Generating Station	Louisiana	56108	U-1				
T J Labbe Electric Generating Station	Louisiana	56108	U-2				
Taft Cogeneration Facility	Louisiana	55089	CT1				
Taft Cogeneration Facility	Louisiana	55089	CT2				
Taft Cogeneration Facility	Louisiana	55089	CT3				
Teche Power Station	Louisiana	1400	2				
Teche Power Station	Louisiana	1400	3				
Waterford 1 & 2	Louisiana	8056	1				
Waterford 1 & 2	Louisiana	8056	2				
Waterford 1 & 2	Louisiana	8056	4				
Willow Glen	Louisiana	1394	1				
Willow Glen	Louisiana	1394	2				
Willow Glen	Louisiana	1394	3				
Willow Glen	Louisiana	1394	4				
Willow Glen	Louisiana	1394	5				
Attala Generating Plant	Mississippi	55220	A01				
Attala Generating Plant	Mississippi	55220	A02				
Batesville Generation Facility	Mississippi	55063	1				
Batesville Generation Facility	Mississippi	55063	2				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
R S Cogen	Louisiana	55117	RS-5			5,814,881	6,005,782	5,281,183
R S Cogen	Louisiana	55117	RS-6			6,320,364	5,927,061	5,558,810
R S Nelson	Louisiana	1393	3			1,026,941	700,069	1,711,611
R S Nelson	Louisiana	1393	4			3,049,722	6,779,469	6,310,751
R S Nelson	Louisiana	1393	6			19,769,003	19,892,026	19,979,112
Sterlington	Louisiana	1404	10			2,006		
Sterlington	Louisiana	1404	7AB			83,324	115,233	
Sterlington	Louisiana	1404	7C			118,928	153,318	18,090
T J Labbe Electric Generating Station	Louisiana	56108	U-1			347,691	300,048	552,211
T J Labbe Electric Generating Station	Louisiana	56108	U-2			377,388	338,149	287,826
Taft Cogeneration Facility	Louisiana	55089	CT1			5,143,137	5,300,342	5,776,833
Taft Cogeneration Facility	Louisiana	55089	CT2			5,399,140	5,431,827	5,208,755
Taft Cogeneration Facility	Louisiana	55089	CT3			5,385,245	5,429,332	5,747,871
Teche Power Station	Louisiana	1400	2			14,791	11,639	14,966
Teche Power Station	Louisiana	1400	3			3,412,207	4,887,978	4,356,041
Waterford 1 & 2	Louisiana	8056	1			9,407	2,403,661	3,670,180
Waterford 1 & 2	Louisiana	8056	2			3,705,548	2,063,478	2,110,159
Waterford 1 & 2	Louisiana	8056	4					
Willow Glen	Louisiana	1394	1					415,626
Willow Glen	Louisiana	1394	2			413,296	456,247	811,046
Willow Glen	Louisiana	1394	3				14,829	13,008
Willow Glen	Louisiana	1394	4			335,882	877,866	700,129
Willow Glen	Louisiana	1394	5			292,147	475,793	
Attala Generating Plant	Mississippi	55220	A01			3,791,469	3,507,838	2,383,241
Attala Generating Plant	Mississippi	55220	A02			4,011,442	3,693,707	3,223,619
Batesville Generation Facility	Mississippi	55063	1			2,861,573	4,387,860	2,159,371
Batesville Generation Facility	Mississippi	55063	2			3,277,942	2,256,207	2,233,615

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
R S Cogen	Louisiana	55117	RS-5	5,769,655	5,478,284	5,863,440	349,547,842	0.016774
R S Cogen	Louisiana	55117	RS-6	6,111,414	6,101,305	6,177,694	349,547,842	0.017673
R S Nelson	Louisiana	1393	3	1,193,328	1,205,298	1,370,079	349,547,842	0.003920
R S Nelson	Louisiana	1393	4	6,925,031	8,978,425	7,560,975	349,547,842	0.021631
R S Nelson	Louisiana	1393	6	20,872,867	16,453,845	20,248,002	349,547,842	0.057926
Sterlington	Louisiana	1404	10			2,006	349,547,842	0.000006
Sterlington	Louisiana	1404	7AB	5,137	17,999	72,185	349,547,842	0.000207
Sterlington	Louisiana	1404	7C	4,817	18,782	97,009	349,547,842	0.000278
T J Labbe Electric Generating Station	Louisiana	56108	U-1	109,841	685,469	528,457	349,547,842	0.001512
T J Labbe Electric Generating Station	Louisiana	56108	U-2	104,760	343,954	353,164	349,547,842	0.001010
Taft Cogeneration Facility	Louisiana	55089	CT1	4,086,992	5,955,290	5,677,488	349,547,842	0.016242
Taft Cogeneration Facility	Louisiana	55089	CT2	5,681,675	6,071,858	5,728,453	349,547,842	0.016388
Taft Cogeneration Facility	Louisiana	55089	CT3	4,161,362	5,928,899	5,702,034	349,547,842	0.016313
Teche Power Station	Louisiana	1400	2	104,068	25,388	48,141	349,547,842	0.000138
Teche Power Station	Louisiana	1400	3	4,796,886	5,454,045	5,046,303	349,547,842	0.014437
Waterford 1 & 2	Louisiana	8056	1	3,087,847	3,829,799	3,529,275	349,547,842	0.010097
Waterford 1 & 2	Louisiana	8056	2	2,050,067	5,705,001	3,840,236	349,547,842	0.010986
Waterford 1 & 2	Louisiana	8056	4	4,262	3,762	4,012	349,547,842	0.000011
Willow Glen	Louisiana	1394	1	167,186	487,769	356,860	349,547,842	0.001021
Willow Glen	Louisiana	1394	2	1,186,090	648,968	882,035	349,547,842	0.002523
Willow Glen	Louisiana	1394	3			13,919	349,547,842	0.000040
Willow Glen	Louisiana	1394	4	2,540,874	4,437,688	2,618,809	349,547,842	0.007492
Willow Glen	Louisiana	1394	5			383,970	349,547,842	0.001098
Attala Generating Plant	Mississippi	55220	A01	2,591,182	2,191,550	3,296,830	208,920,551	0.015780
Attala Generating Plant	Mississippi	55220	A02	2,306,250	3,304,471	3,669,873	208,920,551	0.017566
Batesville Generation Facility	Mississippi	55063	1	3,480,948	2,788,585	3,576,794	208,920,551	0.017120
Batesville Generation Facility	Mississippi	55063	2	3,582,600	3,117,090	3,325,877	208,920,551	0.015919

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
R S Cogen	Louisiana	55117	RS-5	17,753	17,753	298	298	151	163
R S Cogen	Louisiana	55117	RS-6	17,753	17,753	314	314	151	166
R S Nelson	Louisiana	1393	3	17,753	17,753	70	70	170	170
R S Nelson	Louisiana	1393	4	17,753	17,753	384	384	269	328
R S Nelson	Louisiana	1393	6	17,753	17,753	1,028	1,028	2,609	2,501
Sterlington	Louisiana	1404	10	17,753	17,753	0	0	264	147
Sterlington	Louisiana	1404	7AB	17,753	17,753	4	4	26	12
Sterlington	Louisiana	1404	7C	17,753	17,753	5	5	25	14
T J Labbe Electric Generating Station	Louisiana	56108	U-1	17,753	17,753	27	27		
T J Labbe Electric Generating Station	Louisiana	56108	U-2	17,753	17,753	18	18		
Taft Cogeneration Facility	Louisiana	55089	CT1	17,753	17,753	288	288	83	71
Taft Cogeneration Facility	Louisiana	55089	CT2	17,753	17,753	291	291	72	62
Taft Cogeneration Facility	Louisiana	55089	CT3	17,753	17,753	290	290	87	65
Teche Power Station	Louisiana	1400	2	17,753	17,753	2	2	5	60
Teche Power Station	Louisiana	1400	3	17,753	17,753	256	256	565	483
Waterford 1 & 2	Louisiana	8056	1	17,753	17,753	179	179	711	1,116
Waterford 1 & 2	Louisiana	8056	2	17,753	17,753	195	195	509	964
Waterford 1 & 2	Louisiana	8056	4	17,753	17,753	0	0	22	2
Willow Glen	Louisiana	1394	1	17,753	17,753	18	18	61	2
Willow Glen	Louisiana	1394	2	17,753	17,753	45	45	72	121
Willow Glen	Louisiana	1394	3	17,753	17,753	1	1		10
Willow Glen	Louisiana	1394	4	17,753	17,753	133	133	199	
Willow Glen	Louisiana	1394	5	17,753	17,753	20	20	54	31
Attala Generating Plant	Mississippi	55220	A01	12,180	12,180	192	192	6	7
Attala Generating Plant	Mississippi	55220	A02	12,180	12,180	214	214	6	10
Batesville Generation Facility	Mississippi	55063	1	12,180	12,180	209	209	25	33
Batesville Generation Facility	Mississippi	55063	2	12,180	12,180	194	194	38	42

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
R S Cogen	Louisiana	55117	RS-5	157	152	154	137	161	132
R S Cogen	Louisiana	55117	RS-6	158	162	152	143	160	156
R S Nelson	Louisiana	1393	3	168	79	56	119	86	79
R S Nelson	Louisiana	1393	4	493	201	424	395	438	575
R S Nelson	Louisiana	1393	6	1,903	2,487	2,044	2,146	2,364	1,368
Sterlington	Louisiana	1404	10	320	0				
Sterlington	Louisiana	1404	7AB	29	14	18		1	3
Sterlington	Louisiana	1404	7C	19	19	24	3	1	3
T J Labbe Electric Generating Station	Louisiana	56108	U-1	1	14	11	21	4	27
T J Labbe Electric Generating Station	Louisiana	56108	U-2	2	15	13	13	4	13
Taft Cogeneration Facility	Louisiana	55089	CT1	76	69	79	81	55	80
Taft Cogeneration Facility	Louisiana	55089	CT2	63	68	80	71	71	79
Taft Cogeneration Facility	Louisiana	55089	CT3	63	64	81	78	57	78
Teche Power Station	Louisiana	1400	2		2	2	4	8	2
Teche Power Station	Louisiana	1400	3	530	321	495	365	515	582
Waterford 1 & 2	Louisiana	8056	1	397	0	217	307	186	224
Waterford 1 & 2	Louisiana	8056	2	496	338	176	213	116	323
Waterford 1 & 2	Louisiana	8056	4	12				3	0
Willow Glen	Louisiana	1394	1	28			30	12	31
Willow Glen	Louisiana	1394	2	88	31	29	56	74	42
Willow Glen	Louisiana	1394	3	1		0	0		
Willow Glen	Louisiana	1394	4	68	30	80	73	282	606
Willow Glen	Louisiana	1394	5	285	15	31			
Attala Generating Plant	Mississippi	55220	A01	18	14	17	12	8	7
Attala Generating Plant	Mississippi	55220	A02	19	8	15	14	7	11
Batesville Generation Facility	Mississippi	55063	1	38	38	61	28	54	47
Batesville Generation Facility	Mississippi	55063	2	37	44	30	31	70	49

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
R S Cogen	Louisiana	55117	RS-5	163					
R S Cogen	Louisiana	55117	RS-6	166					
R S Nelson	Louisiana	1393	3	170					
R S Nelson	Louisiana	1393	4	575					
R S Nelson	Louisiana	1393	6	2,609					
Sterlington	Louisiana	1404	10	320					
Sterlington	Louisiana	1404	7AB	29					
Sterlington	Louisiana	1404	7C	25					
T J Labbe Electric Generating Station	Louisiana	56108	U-1	27					
T J Labbe Electric Generating Station	Louisiana	56108	U-2	15					
Taft Cogeneration Facility	Louisiana	55089	CT1	83					
Taft Cogeneration Facility	Louisiana	55089	CT2	80					
Taft Cogeneration Facility	Louisiana	55089	CT3	87					
Teche Power Station	Louisiana	1400	2	60					
Teche Power Station	Louisiana	1400	3	582					
Waterford 1 & 2	Louisiana	8056	1	1,116					
Waterford 1 & 2	Louisiana	8056	2	964					
Waterford 1 & 2	Louisiana	8056	4	22					
Willow Glen	Louisiana	1394	1	61					
Willow Glen	Louisiana	1394	2	121					
Willow Glen	Louisiana	1394	3	10					
Willow Glen	Louisiana	1394	4	606					
Willow Glen	Louisiana	1394	5	285					
Attala Generating Plant	Mississippi	55220	A01	18					
Attala Generating Plant	Mississippi	55220	A02	19					
Batesville Generation Facility	Mississippi	55063	1	61					
Batesville Generation Facility	Mississippi	55063	2	70					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
R S Cogen	Louisiana	55117	RS-5			163	163
R S Cogen	Louisiana	55117	RS-6			166	166
R S Nelson	Louisiana	1393	3			94	94
R S Nelson	Louisiana	1393	4			516	516
R S Nelson	Louisiana	1393	6			1,383	1,383
Sterlington	Louisiana	1404	10			0	0
Sterlington	Louisiana	1404	7AB			5	5
Sterlington	Louisiana	1404	7C			7	7
T J Labbe Electric Generating Station	Louisiana	56108	U-1			27	27
T J Labbe Electric Generating Station	Louisiana	56108	U-2			15	15
Taft Cogeneration Facility	Louisiana	55089	CT1			83	83
Taft Cogeneration Facility	Louisiana	55089	CT2			80	80
Taft Cogeneration Facility	Louisiana	55089	CT3			87	87
Teche Power Station	Louisiana	1400	2			3	3
Teche Power Station	Louisiana	1400	3			345	345
Waterford 1 & 2	Louisiana	8056	1			241	241
Waterford 1 & 2	Louisiana	8056	2			262	262
Waterford 1 & 2	Louisiana	8056	4			0	0
Willow Glen	Louisiana	1394	1			24	24
Willow Glen	Louisiana	1394	2			60	60
Willow Glen	Louisiana	1394	3			1	1
Willow Glen	Louisiana	1394	4			179	179
Willow Glen	Louisiana	1394	5			26	26
Attala Generating Plant	Mississippi	55220	A01			18	18
Attala Generating Plant	Mississippi	55220	A02			19	19
Batesville Generation Facility	Mississippi	55063	1			61	61
Batesville Generation Facility	Mississippi	55063	2			70	70

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
R S Cogen	Louisiana	55117	RS-5	163	163	163	163
R S Cogen	Louisiana	55117	RS-6	166	166	166	166
R S Nelson	Louisiana	1393	3	94	94	94	94
R S Nelson	Louisiana	1393	4	516	516	516	516
R S Nelson	Louisiana	1393	6	1,383	1,383	1,383	1,383
Sterlington	Louisiana	1404	10	0	0	0	0
Sterlington	Louisiana	1404	7AB	5	5	5	5
Sterlington	Louisiana	1404	7C	7	7	7	7
T J Labbe Electric Generating Station	Louisiana	56108	U-1	27	27	27	27
T J Labbe Electric Generating Station	Louisiana	56108	U-2	15	15	15	15
Taft Cogeneration Facility	Louisiana	55089	CT1	83	83	83	83
Taft Cogeneration Facility	Louisiana	55089	CT2	80	80	80	80
Taft Cogeneration Facility	Louisiana	55089	CT3	87	87	87	87
Teche Power Station	Louisiana	1400	2	3	3	3	3
Teche Power Station	Louisiana	1400	3	345	345	345	345
Waterford 1 & 2	Louisiana	8056	1	241	241	241	241
Waterford 1 & 2	Louisiana	8056	2	262	262	262	262
Waterford 1 & 2	Louisiana	8056	4	0	0	0	0
Willow Glen	Louisiana	1394	1	24	24	24	24
Willow Glen	Louisiana	1394	2	60	60	60	60
Willow Glen	Louisiana	1394	3	1	1	1	1
Willow Glen	Louisiana	1394	4	179	179	179	179
Willow Glen	Louisiana	1394	5	26	26	26	26
Attala Generating Plant	Mississippi	55220	A01	18	18	18	18
Attala Generating Plant	Mississippi	55220	A02	19	19	19	19
Batesville Generation Facility	Mississippi	55063	1	61	61	61	61
Batesville Generation Facility	Mississippi	55063	2	70	70	70	70

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
R S Cogen	Louisiana	55117	RS-5				Y		
R S Cogen	Louisiana	55117	RS-6				Y		
R S Nelson	Louisiana	1393	3				Y		
R S Nelson	Louisiana	1393	4				Y		
R S Nelson	Louisiana	1393	6				Y		
Sterlington	Louisiana	1404	10				Y		
Sterlington	Louisiana	1404	7AB				Y		
Sterlington	Louisiana	1404	7C				Y		
T J Labbe Electric Generating Station	Louisiana	56108	U-1				Y		
T J Labbe Electric Generating Station	Louisiana	56108	U-2				Y		
Taft Cogeneration Facility	Louisiana	55089	CT1				Y		
Taft Cogeneration Facility	Louisiana	55089	CT2				Y		
Taft Cogeneration Facility	Louisiana	55089	CT3				Y		
Teche Power Station	Louisiana	1400	2				Y		
Teche Power Station	Louisiana	1400	3				Y		
Waterford 1 & 2	Louisiana	8056	1				Y		
Waterford 1 & 2	Louisiana	8056	2				Y		
Waterford 1 & 2	Louisiana	8056	4				Y		
Willow Glen	Louisiana	1394	1				Y		
Willow Glen	Louisiana	1394	2				Y		
Willow Glen	Louisiana	1394	3				Y		
Willow Glen	Louisiana	1394	4				Y		
Willow Glen	Louisiana	1394	5				Y		
Attala Generating Plant	Mississippi	55220	A01				Y		
Attala Generating Plant	Mississippi	55220	A02				Y		
Batesville Generation Facility	Mississippi	55063	1				Y		
Batesville Generation Facility	Mississippi	55063	2				Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Batesville Generation Facility	Mississippi	55063	3	3848	6,579,864	5,875,797	9,048,000	5,093,294	8,932,968
Baxter Wilson	Mississippi	2050	1	1293	8,306,511	11,861,509	11,110,287	15,831,050	22,428,433
Baxter Wilson	Mississippi	2050	2	1294	3,695,691	9,272,467	11,893,563	8,278,016	7,567,600
Caledonia	Mississippi	55197	AA-001	4102	1,896,160	4,624,754	5,776,580	8,411,360	9,345,613
Caledonia	Mississippi	55197	AA-002	4103	2,558,203	5,113,431	5,896,726	8,782,558	9,662,444
Caledonia	Mississippi	55197	AA-003	4104	2,236,657	4,859,738	5,310,894	8,482,780	10,029,565
Chevron Cogenerating Station	Mississippi	2047	5	1285	8,054,040	6,982,719	7,210,666	8,042,221	7,869,997
Choctaw County Gen	Mississippi	55706	CTG1	9224		671,132	38,317	184,046	762,385
Choctaw County Gen	Mississippi	55706	CTG2	9225		417,751	225,078	203,407	1,123,713
Choctaw County Gen	Mississippi	55706	CTG3	9226		445,741	184,756	187,346	1,109,561
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	8924	468,167	3,544,463	5,885,575	4,561,973	9,816,858
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	8926	319,110	3,023,607	5,686,212	5,002,228	9,509,621
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	9056		74,449	13,522	22,805	80,684
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	9057		19,185	46,992	37,195	77,345
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	9058		31,951	35,705	24,769	70,341
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	9059		78,330	25,366	33,706	68,638
Daniel Electric Generating Plant	Mississippi	6073	1	2744	47,079,918	38,285,774	37,646,253	29,216,735	28,621,102
Daniel Electric Generating Plant	Mississippi	6073	2	2745	34,601,715	39,067,143	35,561,806	30,586,162	31,608,858
Daniel Electric Generating Plant	Mississippi	6073	3A	2746	5,980,651	6,318,179	6,707,793	9,860,019	9,904,273
Daniel Electric Generating Plant	Mississippi	6073	3B	2747	5,565,245	6,302,719	6,443,638	10,278,993	9,881,631
Daniel Electric Generating Plant	Mississippi	6073	4A	2748	5,273,828	5,863,474	5,898,706	9,834,523	9,002,695
Daniel Electric Generating Plant	Mississippi	6073	4B	2749	5,195,851	5,726,122	6,426,476	10,052,322	8,969,273
Delta	Mississippi	2051	1	1295	32,508		185,618		23,474
Delta	Mississippi	2051	2	1296			28,265		74,222
Gerald Andrus	Mississippi	8054	1	3449	12,507,386	14,693,032	12,657,284	3,097,477	17,968,709
Hinds Energy Facility	Mississippi	55218	H01	4155	3,693,336	4,188,528	2,643,391	2,204,761	4,261,599
Hinds Energy Facility	Mississippi	55218	H02	4156	3,788,481	4,325,376	2,759,738	2,097,673	4,636,539

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Batesville Generation Facility	Mississippi	55063	3	8,186,944	412,995,679	0.019823		
Baxter Wilson	Mississippi	2050	1	16,706,997	412,995,679	0.040453		
Baxter Wilson	Mississippi	2050	2	9,814,682	412,995,679	0.023765		
Caledonia	Mississippi	55197	AA-001	7,844,517	412,995,679	0.018994		
Caledonia	Mississippi	55197	AA-002	8,113,909	412,995,679	0.019646		
Caledonia	Mississippi	55197	AA-003	7,941,079	412,995,679	0.019228		
Chevron Cogenerating Station	Mississippi	2047	5	7,988,753	412,995,679	0.019343		
Choctaw County Gen	Mississippi	55706	CTG1	539,188	412,995,679	0.001306		
Choctaw County Gen	Mississippi	55706	CTG2	588,847	412,995,679	0.001426		
Choctaw County Gen	Mississippi	55706	CTG3	580,883	412,995,679	0.001407		
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	6,754,802	412,995,679	0.016356		
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	6,732,687	412,995,679	0.016302		
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	59,313	412,995,679	0.000144		
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	53,844	412,995,679	0.000130		
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	45,999	412,995,679	0.000111		
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	60,225	412,995,679	0.000146		
Daniel Electric Generating Plant	Mississippi	6073	1	41,003,982	412,995,679	0.099284		
Daniel Electric Generating Plant	Mississippi	6073	2	36,410,222	412,995,679	0.088161		
Daniel Electric Generating Plant	Mississippi	6073	3A	8,824,028	412,995,679	0.021366		
Daniel Electric Generating Plant	Mississippi	6073	3B	8,868,087	412,995,679	0.021473		
Daniel Electric Generating Plant	Mississippi	6073	4A	8,245,308	412,995,679	0.019965		
Daniel Electric Generating Plant	Mississippi	6073	4B	8,482,690	412,995,679	0.020539		
Delta	Mississippi	2051	1	80,534	412,995,679	0.000195		
Delta	Mississippi	2051	2	51,243	412,995,679	0.000124		
Gerald Andrus	Mississippi	8054	1	15,106,342	412,995,679	0.036577		
Hinds Energy Facility	Mississippi	55218	H01	4,047,821	412,995,679	0.009801		
Hinds Energy Facility	Mississippi	55218	H02	4,250,132	412,995,679	0.010291		

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Batesville Generation Facility	Mississippi	55063	3						
Baxter Wilson	Mississippi	2050	1						
Baxter Wilson	Mississippi	2050	2						
Caledonia	Mississippi	55197	AA-001						
Caledonia	Mississippi	55197	AA-002						
Caledonia	Mississippi	55197	AA-003						
Chevron Cogenerating Station	Mississippi	2047	5						
Choctaw County Gen	Mississippi	55706	CTG1						
Choctaw County Gen	Mississippi	55706	CTG2						
Choctaw County Gen	Mississippi	55706	CTG3						
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001						
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002						
Crossroads Energy Center (CPU)	Mississippi	55395	CT01						
Crossroads Energy Center (CPU)	Mississippi	55395	CT02						
Crossroads Energy Center (CPU)	Mississippi	55395	CT03						
Crossroads Energy Center (CPU)	Mississippi	55395	CT04						
Daniel Electric Generating Plant	Mississippi	6073	1						
Daniel Electric Generating Plant	Mississippi	6073	2						
Daniel Electric Generating Plant	Mississippi	6073	3A						
Daniel Electric Generating Plant	Mississippi	6073	3B						
Daniel Electric Generating Plant	Mississippi	6073	4A						
Daniel Electric Generating Plant	Mississippi	6073	4B						
Delta	Mississippi	2051	1						
Delta	Mississippi	2051	2						
Gerald Andrus	Mississippi	8054	1						
Hinds Energy Facility	Mississippi	55218	H01						
Hinds Energy Facility	Mississippi	55218	H02						

Plant Name	State	ORIS ID	Boiler ID	Step 7				
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Batesville Generation Facility	Mississippi	55063	3	1	2	2	2	2
Baxter Wilson	Mississippi	2050	1	1	886	280	2	475
Baxter Wilson	Mississippi	2050	2	1	3,259	4,417	391	3
Caledonia	Mississippi	55197	AA-001	0	1	1	1	1
Caledonia	Mississippi	55197	AA-002	0	1	1	1	2
Caledonia	Mississippi	55197	AA-003	0	1	1	1	1
Chevron Cogenerating Station	Mississippi	2047	5	10	10	9	10	9
Choctaw County Gen	Mississippi	55706	CTG1	0				0
Choctaw County Gen	Mississippi	55706	CTG2	0				0
Choctaw County Gen	Mississippi	55706	CTG3	0				0
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001				0	1
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002				0	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT01			0		0
Crossroads Energy Center (CPU)	Mississippi	55395	CT02			0		0
Crossroads Energy Center (CPU)	Mississippi	55395	CT03			0		0
Crossroads Energy Center (CPU)	Mississippi	55395	CT04			0		0
Daniel Electric Generating Plant	Mississippi	6073	1	13,237	14,125	13,807	18,355	16,046
Daniel Electric Generating Plant	Mississippi	6073	2	14,369	17,110	15,224	13,406	16,081
Daniel Electric Generating Plant	Mississippi	6073	3A	1	2	2	2	2
Daniel Electric Generating Plant	Mississippi	6073	3B	1	2	2	2	2
Daniel Electric Generating Plant	Mississippi	6073	4A	1	2	1	2	2
Daniel Electric Generating Plant	Mississippi	6073	4B	1	2	1	2	2
Delta	Mississippi	2051	1	145	14	80	4	
Delta	Mississippi	2051	2	746	101	239		
Gerald Andrus	Mississippi	8054	1	12,568	12,258	3,399	2,045	1,736
Hinds Energy Facility	Mississippi	55218	H01	1	1	1	1	1
Hinds Energy Facility	Mississippi	55218	H02	1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Batesville Generation Facility	Mississippi	55063	3	3	2	3	3		
Baxter Wilson	Mississippi	2050	1	3	5	129	886		
Baxter Wilson	Mississippi	2050	2	4	2	2	4,417		
Caledonia	Mississippi	55197	AA-001	2	3	3	3		
Caledonia	Mississippi	55197	AA-002	2	3	3	3		
Caledonia	Mississippi	55197	AA-003	2	3	3	3		
Chevron Cogenerating Station	Mississippi	2047	5	9	10	10	10		
Choctaw County Gen	Mississippi	55706	CTG1	0	0	0	0		
Choctaw County Gen	Mississippi	55706	CTG2	0	0	0	0		
Choctaw County Gen	Mississippi	55706	CTG3	0	0	0	0		
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	2	1	3	3		
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	2	2	3	3		
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	0	0	0	0		
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	0	0	0	0		
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	0	0	0	0		
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	0	0	0	0		
Daniel Electric Generating Plant	Mississippi	6073	1	13,828	9,550	9,743	18,355		
Daniel Electric Generating Plant	Mississippi	6073	2	13,194	10,329	11,063	17,110		
Daniel Electric Generating Plant	Mississippi	6073	3A	2	3	3	3		
Daniel Electric Generating Plant	Mississippi	6073	3B	2	3	3	3		
Daniel Electric Generating Plant	Mississippi	6073	4A	2	3	3	3		
Daniel Electric Generating Plant	Mississippi	6073	4B	2	3	3	3		
Delta	Mississippi	2051	1	0		0	145		
Delta	Mississippi	2051	2	0		0	746		
Gerald Andrus	Mississippi	8054	1	342	36	267	12,568		
Hinds Energy Facility	Mississippi	55218	H01	1	1	1	1		
Hinds Energy Facility	Mississippi	55218	H02	1	1	1	1		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Batesville Generation Facility	Mississippi	55063	3					43	74
Baxter Wilson	Mississippi	2050	1					396	776
Baxter Wilson	Mississippi	2050	2					929	1,391
Caledonia	Mississippi	55197	AA-001					10	39
Caledonia	Mississippi	55197	AA-002					8	38
Caledonia	Mississippi	55197	AA-003					10	36
Chevron Cogenerating Station	Mississippi	2047	5					234	230
Choctaw County Gen	Mississippi	55706	CTG1					5	
Choctaw County Gen	Mississippi	55706	CTG2					5	
Choctaw County Gen	Mississippi	55706	CTG3					4	
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001						
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002						
Crossroads Energy Center (CPU)	Mississippi	55395	CT01						
Crossroads Energy Center (CPU)	Mississippi	55395	CT02						
Crossroads Energy Center (CPU)	Mississippi	55395	CT03						
Crossroads Energy Center (CPU)	Mississippi	55395	CT04						
Daniel Electric Generating Plant	Mississippi	6073	1					4,828	5,192
Daniel Electric Generating Plant	Mississippi	6073	2					5,857	5,976
Daniel Electric Generating Plant	Mississippi	6073	3A					16	27
Daniel Electric Generating Plant	Mississippi	6073	3B					13	24
Daniel Electric Generating Plant	Mississippi	6073	4A					18	26
Daniel Electric Generating Plant	Mississippi	6073	4B					15	23
Delta	Mississippi	2051	1					40	4
Delta	Mississippi	2051	2					251	34
Gerald Andrus	Mississippi	8054	1					6,627	10,029
Hinds Energy Facility	Mississippi	55218	H01					25	21
Hinds Energy Facility	Mississippi	55218	H02					26	20

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Batesville Generation Facility	Mississippi	55063	3	102	92	74	140	121
Baxter Wilson	Mississippi	2050	1	980	1,087	986	1,348	2,520
Baxter Wilson	Mississippi	2050	2	4,012	816	2,144	2,644	1,747
Caledonia	Mississippi	55197	AA-001	28	20	37	46	58
Caledonia	Mississippi	55197	AA-002	27	32	50	49	61
Caledonia	Mississippi	55197	AA-003	28	24	40	44	52
Chevron Cogenerating Station	Mississippi	2047	5	226	250	226	218	249
Choctaw County Gen	Mississippi	55706	CTG1			13	1	4
Choctaw County Gen	Mississippi	55706	CTG2			11	5	4
Choctaw County Gen	Mississippi	55706	CTG3			8	4	3
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001		14	37	67	49
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002		9	28	58	45
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	0		1	0	0
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	1		0	1	0
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	0		0	3	0
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	1		1	1	0
Daniel Electric Generating Plant	Mississippi	6073	1	5,330	7,685	6,787	6,081	4,667
Daniel Electric Generating Plant	Mississippi	6073	2	5,509	5,145	6,429	5,589	2,510
Daniel Electric Generating Plant	Mississippi	6073	3A	26	24	26	31	48
Daniel Electric Generating Plant	Mississippi	6073	3B	27	23	27	29	48
Daniel Electric Generating Plant	Mississippi	6073	4A	25	26	29	31	42
Daniel Electric Generating Plant	Mississippi	6073	4B	25	26	29	34	43
Delta	Mississippi	2051	1	30	3		10	
Delta	Mississippi	2051	2	86			1	
Gerald Andrus	Mississippi	8054	1	3,873	2,374	3,925	2,735	324
Hinds Energy Facility	Mississippi	55218	H01	18	17	19	9	6
Hinds Energy Facility	Mississippi	55218	H02	15	14	20	13	8

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Batesville Generation Facility	Mississippi	55063	3	143	143				
Baxter Wilson	Mississippi	2050	1	3,294	3,294				
Baxter Wilson	Mississippi	2050	2	1,422	4,012				
Caledonia	Mississippi	55197	AA-001	53	58				
Caledonia	Mississippi	55197	AA-002	51	61				
Caledonia	Mississippi	55197	AA-003	52	52				
Chevron Cogenerating Station	Mississippi	2047	5	241	250				
Choctaw County Gen	Mississippi	55706	CTG1	9	13				
Choctaw County Gen	Mississippi	55706	CTG2	16	16				
Choctaw County Gen	Mississippi	55706	CTG3	16	16				
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	74	74				
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	72	72				
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	1	1				
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	1	1				
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	1	3				
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	1	1				
Daniel Electric Generating Plant	Mississippi	6073	1	3,211	7,685				
Daniel Electric Generating Plant	Mississippi	6073	2	2,887	6,429				
Daniel Electric Generating Plant	Mississippi	6073	3A	43	48				
Daniel Electric Generating Plant	Mississippi	6073	3B	41	48				
Daniel Electric Generating Plant	Mississippi	6073	4A	41	42				
Daniel Electric Generating Plant	Mississippi	6073	4B	38	43				
Delta	Mississippi	2051	1	2	40				
Delta	Mississippi	2051	2	4	251				
Gerald Andrus	Mississippi	8054	1	2,303	10,029				
Hinds Energy Facility	Mississippi	55218	H01	17	25				
Hinds Energy Facility	Mississippi	55218	H02	18	26				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Batesville Generation Facility	Mississippi	55063	3				
Baxter Wilson	Mississippi	2050	1				
Baxter Wilson	Mississippi	2050	2				
Caledonia	Mississippi	55197	AA-001				
Caledonia	Mississippi	55197	AA-002				
Caledonia	Mississippi	55197	AA-003				
Chevron Cogenerating Station	Mississippi	2047	5				
Choctaw County Gen	Mississippi	55706	CTG1				
Choctaw County Gen	Mississippi	55706	CTG2				
Choctaw County Gen	Mississippi	55706	CTG3				
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001				
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002				
Crossroads Energy Center (CPU)	Mississippi	55395	CT01				
Crossroads Energy Center (CPU)	Mississippi	55395	CT02				
Crossroads Energy Center (CPU)	Mississippi	55395	CT03				
Crossroads Energy Center (CPU)	Mississippi	55395	CT04				
Daniel Electric Generating Plant	Mississippi	6073	1				
Daniel Electric Generating Plant	Mississippi	6073	2				
Daniel Electric Generating Plant	Mississippi	6073	3A				
Daniel Electric Generating Plant	Mississippi	6073	3B				
Daniel Electric Generating Plant	Mississippi	6073	4A				
Daniel Electric Generating Plant	Mississippi	6073	4B				
Delta	Mississippi	2051	1				
Delta	Mississippi	2051	2				
Gerald Andrus	Mississippi	8054	1				
Hinds Energy Facility	Mississippi	55218	H01				
Hinds Energy Facility	Mississippi	55218	H02				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Batesville Generation Facility	Mississippi	55063	3				
Baxter Wilson	Mississippi	2050	1				
Baxter Wilson	Mississippi	2050	2				
Caledonia	Mississippi	55197	AA-001				
Caledonia	Mississippi	55197	AA-002				
Caledonia	Mississippi	55197	AA-003				
Chevron Cogenerating Station	Mississippi	2047	5				
Choctaw County Gen	Mississippi	55706	CTG1				
Choctaw County Gen	Mississippi	55706	CTG2				
Choctaw County Gen	Mississippi	55706	CTG3				
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001				
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002				
Crossroads Energy Center (CPU)	Mississippi	55395	CT01				
Crossroads Energy Center (CPU)	Mississippi	55395	CT02				
Crossroads Energy Center (CPU)	Mississippi	55395	CT03				
Crossroads Energy Center (CPU)	Mississippi	55395	CT04				
Daniel Electric Generating Plant	Mississippi	6073	1				
Daniel Electric Generating Plant	Mississippi	6073	2				
Daniel Electric Generating Plant	Mississippi	6073	3A				
Daniel Electric Generating Plant	Mississippi	6073	3B				
Daniel Electric Generating Plant	Mississippi	6073	4A				
Daniel Electric Generating Plant	Mississippi	6073	4B				
Delta	Mississippi	2051	1				
Delta	Mississippi	2051	2				
Gerald Andrus	Mississippi	8054	1				
Hinds Energy Facility	Mississippi	55218	H01				
Hinds Energy Facility	Mississippi	55218	H02				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Batesville Generation Facility	Mississippi	55063	3				
Baxter Wilson	Mississippi	2050	1				
Baxter Wilson	Mississippi	2050	2				
Caledonia	Mississippi	55197	AA-001				
Caledonia	Mississippi	55197	AA-002				
Caledonia	Mississippi	55197	AA-003				
Chevron Cogenerating Station	Mississippi	2047	5				
Choctaw County Gen	Mississippi	55706	CTG1				
Choctaw County Gen	Mississippi	55706	CTG2				
Choctaw County Gen	Mississippi	55706	CTG3				
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001				
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002				
Crossroads Energy Center (CPU)	Mississippi	55395	CT01				
Crossroads Energy Center (CPU)	Mississippi	55395	CT02				
Crossroads Energy Center (CPU)	Mississippi	55395	CT03				
Crossroads Energy Center (CPU)	Mississippi	55395	CT04				
Daniel Electric Generating Plant	Mississippi	6073	1				
Daniel Electric Generating Plant	Mississippi	6073	2				
Daniel Electric Generating Plant	Mississippi	6073	3A				
Daniel Electric Generating Plant	Mississippi	6073	3B				
Daniel Electric Generating Plant	Mississippi	6073	4A				
Daniel Electric Generating Plant	Mississippi	6073	4B				
Delta	Mississippi	2051	1				
Delta	Mississippi	2051	2				
Gerald Andrus	Mississippi	8054	1				
Hinds Energy Facility	Mississippi	55218	H01				
Hinds Energy Facility	Mississippi	55218	H02				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)			
Batesville Generation Facility	Mississippi	55063	3			4,563,029	2,470,945	4,122,791
Baxter Wilson	Mississippi	2050	1			7,122,556	9,303,267	6,216,884
Baxter Wilson	Mississippi	2050	2			3,196,557	7,580,140	8,575,013
Caledonia	Mississippi	55197	AA-001			1,697,508	2,703,697	2,259,334
Caledonia	Mississippi	55197	AA-002			2,025,223	2,865,347	2,474,519
Caledonia	Mississippi	55197	AA-003			1,773,189	2,742,502	2,342,913
Chevron Cogenerating Station	Mississippi	2047	5			3,520,414	2,566,536	3,077,392
Choctaw County Gen	Mississippi	55706	CTG1				639,389	36,566
Choctaw County Gen	Mississippi	55706	CTG2				389,359	223,298
Choctaw County Gen	Mississippi	55706	CTG3				430,335	152,231
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001			379,458	3,172,270	2,517,193
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002				2,658,270	2,377,280
Crossroads Energy Center (CPU)	Mississippi	55395	CT01				74,449	9,275
Crossroads Energy Center (CPU)	Mississippi	55395	CT02				19,185	38,053
Crossroads Energy Center (CPU)	Mississippi	55395	CT03				31,951	30,965
Crossroads Energy Center (CPU)	Mississippi	55395	CT04				78,330	16,925
Daniel Electric Generating Plant	Mississippi	6073	1			19,936,782	17,530,914	14,220,260
Daniel Electric Generating Plant	Mississippi	6073	2			15,829,735	16,859,984	19,742,467
Daniel Electric Generating Plant	Mississippi	6073	3A			3,396,966	2,972,581	2,813,551
Daniel Electric Generating Plant	Mississippi	6073	3B			3,096,932	2,913,649	2,649,130
Daniel Electric Generating Plant	Mississippi	6073	4A			2,925,435	2,685,557	2,033,622
Daniel Electric Generating Plant	Mississippi	6073	4B			2,973,176	2,650,009	2,674,891
Delta	Mississippi	2051	1			32,508		185,618
Delta	Mississippi	2051	2					28,265
Gerald Andrus	Mississippi	8054	1			7,688,927	10,985,353	8,456,104
Hinds Energy Facility	Mississippi	55218	H01			2,155,773	2,166,190	1,625,496
Hinds Energy Facility	Mississippi	55218	H02			2,225,964	2,214,171	1,719,457

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Batesville Generation Facility	Mississippi	55063	3	1,257,002	5,005,229	4,563,683	208,920,551	0.021844
Baxter Wilson	Mississippi	2050	1	9,217,123	11,233,893	9,918,094	208,920,551	0.047473
Baxter Wilson	Mississippi	2050	2	7,809,571	6,651,216	7,988,241	208,920,551	0.038236
Caledonia	Mississippi	55197	AA-001	3,594,926	4,200,499	3,499,707	208,920,551	0.016751
Caledonia	Mississippi	55197	AA-002	3,851,809	4,121,008	3,612,721	208,920,551	0.017292
Caledonia	Mississippi	55197	AA-003	3,839,124	4,287,684	3,623,104	208,920,551	0.017342
Chevron Cogenerating Station	Mississippi	2047	5	3,423,013	3,892,259	3,611,895	208,920,551	0.017288
Choctaw County Gen	Mississippi	55706	CTG1	180,869	762,385	527,548	208,920,551	0.002525
Choctaw County Gen	Mississippi	55706	CTG2	198,722	1,123,713	578,790	208,920,551	0.002770
Choctaw County Gen	Mississippi	55706	CTG3	171,829	1,109,561	570,575	208,920,551	0.002731
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	1,786,559	4,689,218	3,459,560	208,920,551	0.016559
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	2,434,857	4,475,633	3,189,587	208,920,551	0.015267
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	22,805	78,982	58,745	208,920,551	0.000281
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	37,195	74,870	50,039	208,920,551	0.000240
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	24,769	68,478	43,798	208,920,551	0.000210
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	33,706	66,758	59,598	208,920,551	0.000285
Daniel Electric Generating Plant	Mississippi	6073	1	15,666,055	15,556,007	17,711,250	208,920,551	0.084775
Daniel Electric Generating Plant	Mississippi	6073	2	14,132,067	16,004,300	17,535,584	208,920,551	0.083934
Daniel Electric Generating Plant	Mississippi	6073	3A	4,074,799	3,616,065	3,695,943	208,920,551	0.017691
Daniel Electric Generating Plant	Mississippi	6073	3B	4,389,659	3,558,732	3,681,774	208,920,551	0.017623
Daniel Electric Generating Plant	Mississippi	6073	4A	4,094,968	4,290,056	3,770,153	208,920,551	0.018046
Daniel Electric Generating Plant	Mississippi	6073	4B	4,337,202	4,309,417	3,873,265	208,920,551	0.018539
Delta	Mississippi	2051	1		21,210	79,779	208,920,551	0.000382
Delta	Mississippi	2051	2		74,222	51,243	208,920,551	0.000245
Gerald Andrus	Mississippi	8054	1	2,883,337	13,424,790	10,955,416	208,920,551	0.052438
Hinds Energy Facility	Mississippi	55218	H01	1,652,305	2,728,118	2,350,027	208,920,551	0.011248
Hinds Energy Facility	Mississippi	55218	H02	1,623,188	3,139,488	2,526,541	208,920,551	0.012093

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Batesville Generation Facility	Mississippi	55063	3	12,180	12,180	266	266	34	40
Baxter Wilson	Mississippi	2050	1	12,180	12,180	578	578	156	421
Baxter Wilson	Mississippi	2050	2	12,180	12,180	466	466	374	961
Caledonia	Mississippi	55197	AA-001	12,180	12,180	204	204	7	21
Caledonia	Mississippi	55197	AA-002	12,180	12,180	211	211	8	22
Caledonia	Mississippi	55197	AA-003	12,180	12,180	211	211	9	20
Chevron Cogenerating Station	Mississippi	2047	5	12,180	12,180	211	211	91	96
Choctaw County Gen	Mississippi	55706	CTG1	12,180	12,180	31	31	4	
Choctaw County Gen	Mississippi	55706	CTG2	12,180	12,180	34	34	3	
Choctaw County Gen	Mississippi	55706	CTG3	12,180	12,180	33	33	3	
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	12,180	12,180	202	202		
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	12,180	12,180	186	186		
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	12,180	12,180	3	3		
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	12,180	12,180	3	3		
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	12,180	12,180	3	3		
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	12,180	12,180	3	3		
Daniel Electric Generating Plant	Mississippi	6073	1	12,180	12,180	1,033	1,033	2,717	2,395
Daniel Electric Generating Plant	Mississippi	6073	2	12,180	12,180	1,022	1,022	2,762	2,422
Daniel Electric Generating Plant	Mississippi	6073	3A	12,180	12,180	215	215	7	13
Daniel Electric Generating Plant	Mississippi	6073	3B	12,180	12,180	215	215	5	12
Daniel Electric Generating Plant	Mississippi	6073	4A	12,180	12,180	220	220	8	12
Daniel Electric Generating Plant	Mississippi	6073	4B	12,180	12,180	226	226	6	10
Delta	Mississippi	2051	1	12,180	12,180	5	5	9	4
Delta	Mississippi	2051	2	12,180	12,180	3	3	164	3
Gerald Andrus	Mississippi	8054	1	12,180	12,180	639	639	2,684	4,080
Hinds Energy Facility	Mississippi	55218	H01	12,180	12,180	137	137	11	10
Hinds Energy Facility	Mississippi	55218	H02	12,180	12,180	147	147	14	8

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Batesville Generation Facility	Mississippi	55063	3	64	64	28	55	31	74
Baxter Wilson	Mississippi	2050	1	772	926	759	756	1,418	1,511
Baxter Wilson	Mississippi	2050	2	3,446	719	1,768	1,855	1,674	1,269
Caledonia	Mississippi	55197	AA-001	24	17	23	20	25	25
Caledonia	Mississippi	55197	AA-002	21	21	24	21	28	23
Caledonia	Mississippi	55197	AA-003	25	17	23	23	26	24
Chevron Cogenerating Station	Mississippi	2047	5	73	108	83	90	104	113
Choctaw County Gen	Mississippi	55706	CTG1			12	1	3	9
Choctaw County Gen	Mississippi	55706	CTG2			10	4	3	16
Choctaw County Gen	Mississippi	55706	CTG3			7	3	3	16
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001		12	32	37	16	34
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002			25	33	20	35
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	0		1	0	0	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	1		0	1	0	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	0		0	3	0	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	1		1	1	0	1
Daniel Electric Generating Plant	Mississippi	6073	1	2,463	3,187	3,095	2,358	2,557	1,625
Daniel Electric Generating Plant	Mississippi	6073	2	2,469	2,347	2,865	3,226	1,164	1,482
Daniel Electric Generating Plant	Mississippi	6073	3A	10	13	12	14	21	16
Daniel Electric Generating Plant	Mississippi	6073	3B	12	12	13	12	21	15
Daniel Electric Generating Plant	Mississippi	6073	4A	12	14	13	12	18	20
Daniel Electric Generating Plant	Mississippi	6073	4B	11	14	13	15	18	18
Delta	Mississippi	2051	1	22	3		10		2
Delta	Mississippi	2051	2	27			1		4
Gerald Andrus	Mississippi	8054	1	3,240	1,374	3,051	1,831	294	1,713
Hinds Energy Facility	Mississippi	55218	H01	13	9	9	4	3	10
Hinds Energy Facility	Mississippi	55218	H02	9	7	11	7	5	12

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Batesville Generation Facility	Mississippi	55063	3	74					
Baxter Wilson	Mississippi	2050	1	1,511					
Baxter Wilson	Mississippi	2050	2	3,446					
Caledonia	Mississippi	55197	AA-001	25					
Caledonia	Mississippi	55197	AA-002	28					
Caledonia	Mississippi	55197	AA-003	26					
Chevron Cogenerating Station	Mississippi	2047	5	113					
Choctaw County Gen	Mississippi	55706	CTG1	12					
Choctaw County Gen	Mississippi	55706	CTG2	16					
Choctaw County Gen	Mississippi	55706	CTG3	16					
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	37					
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	35					
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	1					
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	1					
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	3					
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	1					
Daniel Electric Generating Plant	Mississippi	6073	1	3,187					
Daniel Electric Generating Plant	Mississippi	6073	2	3,226					
Daniel Electric Generating Plant	Mississippi	6073	3A	21					
Daniel Electric Generating Plant	Mississippi	6073	3B	21					
Daniel Electric Generating Plant	Mississippi	6073	4A	20					
Daniel Electric Generating Plant	Mississippi	6073	4B	18					
Delta	Mississippi	2051	1	22					
Delta	Mississippi	2051	2	164					
Gerald Andrus	Mississippi	8054	1	4,080					
Hinds Energy Facility	Mississippi	55218	H01	13					
Hinds Energy Facility	Mississippi	55218	H02	14					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Batesville Generation Facility	Mississippi	55063	3			74	74
Baxter Wilson	Mississippi	2050	1			918	918
Baxter Wilson	Mississippi	2050	2			740	740
Caledonia	Mississippi	55197	AA-001			25	25
Caledonia	Mississippi	55197	AA-002			28	28
Caledonia	Mississippi	55197	AA-003			26	26
Chevron Cogenerating Station	Mississippi	2047	5			113	113
Choctaw County Gen	Mississippi	55706	CTG1			12	12
Choctaw County Gen	Mississippi	55706	CTG2			16	16
Choctaw County Gen	Mississippi	55706	CTG3			16	16
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001			37	37
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002			35	35
Crossroads Energy Center (CPU)	Mississippi	55395	CT01			1	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT02			1	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT03			3	3
Crossroads Energy Center (CPU)	Mississippi	55395	CT04			1	1
Daniel Electric Generating Plant	Mississippi	6073	1			1,640	1,640
Daniel Electric Generating Plant	Mississippi	6073	2			1,623	1,623
Daniel Electric Generating Plant	Mississippi	6073	3A			21	21
Daniel Electric Generating Plant	Mississippi	6073	3B			21	21
Daniel Electric Generating Plant	Mississippi	6073	4A			20	20
Daniel Electric Generating Plant	Mississippi	6073	4B			18	18
Delta	Mississippi	2051	1			7	7
Delta	Mississippi	2051	2			5	5
Gerald Andrus	Mississippi	8054	1			1,014	1,014
Hinds Energy Facility	Mississippi	55218	H01			13	13
Hinds Energy Facility	Mississippi	55218	H02			14	14

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Batesville Generation Facility	Mississippi	55063	3	74	74	74	74
Baxter Wilson	Mississippi	2050	1	918	918	918	918
Baxter Wilson	Mississippi	2050	2	740	740	740	740
Caledonia	Mississippi	55197	AA-001	25	25	25	25
Caledonia	Mississippi	55197	AA-002	28	28	28	28
Caledonia	Mississippi	55197	AA-003	26	26	26	26
Chevron Cogenerating Station	Mississippi	2047	5	113	113	113	113
Choctaw County Gen	Mississippi	55706	CTG1	12	12	12	12
Choctaw County Gen	Mississippi	55706	CTG2	16	16	16	16
Choctaw County Gen	Mississippi	55706	CTG3	16	16	16	16
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001	37	37	37	37
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002	35	35	35	35
Crossroads Energy Center (CPU)	Mississippi	55395	CT01	1	1	1	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT02	1	1	1	1
Crossroads Energy Center (CPU)	Mississippi	55395	CT03	3	3	3	3
Crossroads Energy Center (CPU)	Mississippi	55395	CT04	1	1	1	1
Daniel Electric Generating Plant	Mississippi	6073	1	1,640	1,640	1,640	1,640
Daniel Electric Generating Plant	Mississippi	6073	2	1,623	1,623	1,623	1,623
Daniel Electric Generating Plant	Mississippi	6073	3A	21	21	21	21
Daniel Electric Generating Plant	Mississippi	6073	3B	21	21	21	21
Daniel Electric Generating Plant	Mississippi	6073	4A	20	20	20	20
Daniel Electric Generating Plant	Mississippi	6073	4B	18	18	18	18
Delta	Mississippi	2051	1	7	7	7	7
Delta	Mississippi	2051	2	5	5	5	5
Gerald Andrus	Mississippi	8054	1	1,014	1,014	1,014	1,014
Hinds Energy Facility	Mississippi	55218	H01	13	13	13	13
Hinds Energy Facility	Mississippi	55218	H02	14	14	14	14

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Batesville Generation Facility	Mississippi	55063	3				Y		
Baxter Wilson	Mississippi	2050	1				Y		
Baxter Wilson	Mississippi	2050	2				Y		
Caledonia	Mississippi	55197	AA-001				Y		
Caledonia	Mississippi	55197	AA-002				Y		
Caledonia	Mississippi	55197	AA-003				Y		
Chevron Cogenerating Station	Mississippi	2047	5				Y		
Choctaw County Gen	Mississippi	55706	CTG1				Y		
Choctaw County Gen	Mississippi	55706	CTG2				Y		
Choctaw County Gen	Mississippi	55706	CTG3				Y		
Choctaw Gas Generation, LLC	Mississippi	55694	AA-001				Y		
Choctaw Gas Generation, LLC	Mississippi	55694	AA-002				Y		
Crossroads Energy Center (CPU)	Mississippi	55395	CT01				Y		
Crossroads Energy Center (CPU)	Mississippi	55395	CT02				Y		
Crossroads Energy Center (CPU)	Mississippi	55395	CT03				Y		
Crossroads Energy Center (CPU)	Mississippi	55395	CT04				Y		
Daniel Electric Generating Plant	Mississippi	6073	1				Y		
Daniel Electric Generating Plant	Mississippi	6073	2				Y		
Daniel Electric Generating Plant	Mississippi	6073	3A				Y		
Daniel Electric Generating Plant	Mississippi	6073	3B				Y		
Daniel Electric Generating Plant	Mississippi	6073	4A				Y		
Daniel Electric Generating Plant	Mississippi	6073	4B				Y		
Delta	Mississippi	2051	1				Y		
Delta	Mississippi	2051	2				Y		
Gerald Andrus	Mississippi	8054	1				Y		
Hinds Energy Facility	Mississippi	55218	H01				Y		
Hinds Energy Facility	Mississippi	55218	H02				Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Kemper County	Mississippi	7960	KCT1	3379	309,931	222,211	136,681	88,359	279,201
Kemper County	Mississippi	7960	KCT2	3380	277,440	215,010	129,778	121,798	409,357
Kemper County	Mississippi	7960	KCT3	3381	247,592	172,395	122,361	112,842	399,599
Kemper County	Mississippi	7960	KCT4	3382	259,683	177,857	107,421	93,233	263,477
Magnolia Facility	Mississippi	55451	CTG-1	4784	3,478,574	6,074,318	2,682,330	2,575,155	4,523,151
Magnolia Facility	Mississippi	55451	CTG-2	4785	3,612,475	5,742,545	2,856,779	2,500,151	3,554,814
Magnolia Facility	Mississippi	55451	CTG-3	4786	2,520,677	5,707,261	2,703,297	3,086,659	4,885,758
Moselle Generating Plant	Mississippi	2070	**4	1303	60,524	100,459	83,665	83,860	153,719
Moselle Generating Plant	Mississippi	2070	1	1307	1,654,623	1,304,196	966,065	1,082,557	965,734
Moselle Generating Plant	Mississippi	2070	2	1308	966,182	844,982	199,062	835,651	872,988
Moselle Generating Plant	Mississippi	2070	3	1309	1,471,459	982,313	263,375	463,743	1,164,377
Moselle Generating Plant	Mississippi	2070	5	1304	150,070	94,135	81,668	119,310	128,498
R D Morrow Senior Generating Plant	Mississippi	6061	1	2729	16,023,027	17,417,564	14,597,377	11,788,988	12,741,745
R D Morrow Senior Generating Plant	Mississippi	6061	2	2730	16,420,168	16,373,957	15,586,420	10,728,765	12,788,190
Red Hills Generation Facility	Mississippi	55076	AA001	3856	16,792,417	19,595,257	18,212,914	21,747,706	20,294,994
Red Hills Generation Facility	Mississippi	55076	AA002	3857	19,349,033	18,439,059	17,476,363	20,262,473	21,630,383
Rex Brown	Mississippi	2053	3	1300	226,481	129,468	44,519		
Rex Brown	Mississippi	2053	4	1301	2,730,168	2,948,031	1,820,115	1,014,996	2,542,540
Silver Creek Generating Plant	Mississippi	7988	1	88205	115,088	118,359	445,865	326,011	129,451
Silver Creek Generating Plant	Mississippi	7988	2	88206	21,742	107,365	692,868	401,361	149,976
Silver Creek Generating Plant	Mississippi	7988	3	88207	70,051	100,614	152,516	618,257	184,208
Southaven Combined Cycle	Mississippi	55269	AA-001	4373	4,237,860	6,257,749	4,889,079	7,903,596	9,281,714
Southaven Combined Cycle	Mississippi	55269	AA-002	4374	3,738,235	3,089,583	3,721,115	8,207,248	9,237,970
Southaven Combined Cycle	Mississippi	55269	AA-003	4375	3,773,949	6,647,239	5,052,107	6,985,394	10,340,470
Sweatt Electric Generating Plant	Mississippi	2048	1	1286	15,460	131,695	27,787		38,393
Sweatt Electric Generating Plant	Mississippi	2048	2	1287	12,721	131,376	15,706		36,366
Sweatt Electric Generating Plant	Mississippi	2048	CTA	90050			20,570	2,974	5,192

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Kemper County	Mississippi	7960	KCT1	270,448	412,995,679	0.000655		
Kemper County	Mississippi	7960	KCT2	300,603	412,995,679	0.000728		
Kemper County	Mississippi	7960	KCT3	273,195	412,995,679	0.000661		
Kemper County	Mississippi	7960	KCT4	233,672	412,995,679	0.000566		
Magnolia Facility	Mississippi	55451	CTG-1	4,692,014	412,995,679	0.011361		
Magnolia Facility	Mississippi	55451	CTG-2	4,303,278	412,995,679	0.010420		
Magnolia Facility	Mississippi	55451	CTG-3	4,559,893	412,995,679	0.011041		
Moselle Generating Plant	Mississippi	2070	**4	112,679	412,995,679	0.000273		
Moselle Generating Plant	Mississippi	2070	1	1,347,125	412,995,679	0.003262		
Moselle Generating Plant	Mississippi	2070	2	894,718	412,995,679	0.002166		
Moselle Generating Plant	Mississippi	2070	3	1,206,050	412,995,679	0.002920		
Moselle Generating Plant	Mississippi	2070	5	132,626	412,995,679	0.000321		
R D Morrow Senior Generating Plant	Mississippi	6061	1	16,012,656	412,995,679	0.038772		
R D Morrow Senior Generating Plant	Mississippi	6061	2	16,126,848	412,995,679	0.039048		
Red Hills Generation Facility	Mississippi	55076	AA001	20,545,986	412,995,679	0.049749		
Red Hills Generation Facility	Mississippi	55076	AA002	20,413,963	412,995,679	0.049429		
Rex Brown	Mississippi	2053	3	133,490	412,995,679	0.000323		
Rex Brown	Mississippi	2053	4	2,740,246	412,995,679	0.006635		
Silver Creek Generating Plant	Mississippi	7988	1	300,442	412,995,679	0.000727		
Silver Creek Generating Plant	Mississippi	7988	2	414,735	412,995,679	0.001004		
Silver Creek Generating Plant	Mississippi	7988	3	318,327	412,995,679	0.000771		
Southaven Combined Cycle	Mississippi	55269	AA-001	7,814,353	412,995,679	0.018921		
Southaven Combined Cycle	Mississippi	55269	AA-002	7,061,151	412,995,679	0.017097		
Southaven Combined Cycle	Mississippi	55269	AA-003	7,991,034	412,995,679	0.019349		
Sweatt Electric Generating Plant	Mississippi	2048	1	65,958	412,995,679	0.000160		
Sweatt Electric Generating Plant	Mississippi	2048	2	61,150	412,995,679	0.000148		
Sweatt Electric Generating Plant	Mississippi	2048	CTA	9,579	412,995,679	0.000023		

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Kemper County	Mississippi	7960	KCT1						
Kemper County	Mississippi	7960	KCT2						
Kemper County	Mississippi	7960	KCT3						
Kemper County	Mississippi	7960	KCT4						
Magnolia Facility	Mississippi	55451	CTG-1						
Magnolia Facility	Mississippi	55451	CTG-2						
Magnolia Facility	Mississippi	55451	CTG-3						
Moselle Generating Plant	Mississippi	2070	**4						
Moselle Generating Plant	Mississippi	2070	1						
Moselle Generating Plant	Mississippi	2070	2						
Moselle Generating Plant	Mississippi	2070	3						
Moselle Generating Plant	Mississippi	2070	5						
R D Morrow Senior Generating Plant	Mississippi	6061	1						
R D Morrow Senior Generating Plant	Mississippi	6061	2						
Red Hills Generation Facility	Mississippi	55076	AA001						
Red Hills Generation Facility	Mississippi	55076	AA002						
Rex Brown	Mississippi	2053	3						
Rex Brown	Mississippi	2053	4						
Silver Creek Generating Plant	Mississippi	7988	1						
Silver Creek Generating Plant	Mississippi	7988	2						
Silver Creek Generating Plant	Mississippi	7988	3						
Southaven Combined Cycle	Mississippi	55269	AA-001						
Southaven Combined Cycle	Mississippi	55269	AA-002						
Southaven Combined Cycle	Mississippi	55269	AA-003						
Sweatt Electric Generating Plant	Mississippi	2048	1						
Sweatt Electric Generating Plant	Mississippi	2048	2						
Sweatt Electric Generating Plant	Mississippi	2048	CTA						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Kemper County	Mississippi	7960	KCT1	0	0	1	0	0
Kemper County	Mississippi	7960	KCT2	0	0	1	0	0
Kemper County	Mississippi	7960	KCT3	0	0	1	0	0
Kemper County	Mississippi	7960	KCT4	0	1	1	0	0
Magnolia Facility	Mississippi	55451	CTG-1	0	0	1	1	2
Magnolia Facility	Mississippi	55451	CTG-2	0	1	1	1	2
Magnolia Facility	Mississippi	55451	CTG-3	0	0	1	1	2
Moselle Generating Plant	Mississippi	2070	**4	0	0	0	0	0
Moselle Generating Plant	Mississippi	2070	1	1	1	0	1	0
Moselle Generating Plant	Mississippi	2070	2	0	1	0	0	0
Moselle Generating Plant	Mississippi	2070	3	1	0	0	0	0
Moselle Generating Plant	Mississippi	2070	5				0	0
R D Morrow Senior Generating Plant	Mississippi	6061	1	5,117	5,146	5,742	6,474	5,526
R D Morrow Senior Generating Plant	Mississippi	6061	2	5,662	5,648	5,719	5,991	4,901
Red Hills Generation Facility	Mississippi	55076	AA001	2,115	1,530	988	1,047	944
Red Hills Generation Facility	Mississippi	55076	AA002	1,938	1,398	930	1,103	705
Rex Brown	Mississippi	2053	3	0	0	0	0	0
Rex Brown	Mississippi	2053	4	1	1	1	1	1
Silver Creek Generating Plant	Mississippi	7988	1		0	0	0	0
Silver Creek Generating Plant	Mississippi	7988	2		0	0	0	0
Silver Creek Generating Plant	Mississippi	7988	3			0	0	0
Southaven Combined Cycle	Mississippi	55269	AA-001	0	0	1	1	2
Southaven Combined Cycle	Mississippi	55269	AA-002	0	0	1	1	1
Southaven Combined Cycle	Mississippi	55269	AA-003	0	0	1	1	2
Sweatt Electric Generating Plant	Mississippi	2048	1	0	0	0	0	0
Sweatt Electric Generating Plant	Mississippi	2048	2	0	0	0	0	0
Sweatt Electric Generating Plant	Mississippi	2048	CTA					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Kemper County	Mississippi	7960	KCT1	0	0	0	1		
Kemper County	Mississippi	7960	KCT2	0	0	0	1		
Kemper County	Mississippi	7960	KCT3	0	0	0	1		
Kemper County	Mississippi	7960	KCT4	0	0	0	1		
Magnolia Facility	Mississippi	55451	CTG-1	1	1	1	2		
Magnolia Facility	Mississippi	55451	CTG-2	1	1	1	2		
Magnolia Facility	Mississippi	55451	CTG-3	1	1	1	2		
Moselle Generating Plant	Mississippi	2070	**4	0	0	0	0		
Moselle Generating Plant	Mississippi	2070	1	0	0	0	1		
Moselle Generating Plant	Mississippi	2070	2	0	0	0	1		
Moselle Generating Plant	Mississippi	2070	3	0	0	0	1		
Moselle Generating Plant	Mississippi	2070	5	0	0	0	0		
R D Morrow Senior Generating Plant	Mississippi	6061	1	4,021	2,921	3,684	6,474		
R D Morrow Senior Generating Plant	Mississippi	6061	2	4,133	2,730	3,927	5,991		
Red Hills Generation Facility	Mississippi	55076	AA001	614	733	1,076	2,115		
Red Hills Generation Facility	Mississippi	55076	AA002	871	1,034	1,297	1,938		
Rex Brown	Mississippi	2053	3	0			0		
Rex Brown	Mississippi	2053	4	1	0	1	1		
Silver Creek Generating Plant	Mississippi	7988	1	0	0	0	0		
Silver Creek Generating Plant	Mississippi	7988	2	0	0	0	0		
Silver Creek Generating Plant	Mississippi	7988	3	0	0	0	0		
Southaven Combined Cycle	Mississippi	55269	AA-001	1	2	3	3		
Southaven Combined Cycle	Mississippi	55269	AA-002	1	2	3	3		
Southaven Combined Cycle	Mississippi	55269	AA-003	2	2	3	3		
Sweatt Electric Generating Plant	Mississippi	2048	1	0		0	0		
Sweatt Electric Generating Plant	Mississippi	2048	2	0		0	0		
Sweatt Electric Generating Plant	Mississippi	2048	CTA		0	0	0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Kemper County	Mississippi	7960	KCT1					5	4
Kemper County	Mississippi	7960	KCT2					5	4
Kemper County	Mississippi	7960	KCT3					5	3
Kemper County	Mississippi	7960	KCT4					5	5
Magnolia Facility	Mississippi	55451	CTG-1					13	12
Magnolia Facility	Mississippi	55451	CTG-2					10	23
Magnolia Facility	Mississippi	55451	CTG-3					6	21
Moselle Generating Plant	Mississippi	2070	**4					2	1
Moselle Generating Plant	Mississippi	2070	1					240	295
Moselle Generating Plant	Mississippi	2070	2					157	255
Moselle Generating Plant	Mississippi	2070	3					345	96
Moselle Generating Plant	Mississippi	2070	5						
R D Morrow Senior Generating Plant	Mississippi	6061	1					3,584	3,389
R D Morrow Senior Generating Plant	Mississippi	6061	2					4,029	3,928
Red Hills Generation Facility	Mississippi	55076	AA001					1,076	1,123
Red Hills Generation Facility	Mississippi	55076	AA002					973	1,261
Rex Brown	Mississippi	2053	3					24	52
Rex Brown	Mississippi	2053	4					546	398
Silver Creek Generating Plant	Mississippi	7988	1					0	3
Silver Creek Generating Plant	Mississippi	7988	2						0
Silver Creek Generating Plant	Mississippi	7988	3						
Southaven Combined Cycle	Mississippi	55269	AA-001					13	30
Southaven Combined Cycle	Mississippi	55269	AA-002					13	28
Southaven Combined Cycle	Mississippi	55269	AA-003					9	28
Sweatt Electric Generating Plant	Mississippi	2048	1					3	0
Sweatt Electric Generating Plant	Mississippi	2048	2					3	1
Sweatt Electric Generating Plant	Mississippi	2048	CTA						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Kemper County	Mississippi	7960	KCT1	11	5	4	2	2
Kemper County	Mississippi	7960	KCT2	9	5	4	2	2
Kemper County	Mississippi	7960	KCT3	7	5	3	2	2
Kemper County	Mississippi	7960	KCT4	7	5	3	2	3
Magnolia Facility	Mississippi	55451	CTG-1	39	27	42	21	20
Magnolia Facility	Mississippi	55451	CTG-2	35	27	40	24	20
Magnolia Facility	Mississippi	55451	CTG-3	29	17	47	32	25
Moselle Generating Plant	Mississippi	2070	**4	4	1	2	2	2
Moselle Generating Plant	Mississippi	2070	1	176	230	206	149	176
Moselle Generating Plant	Mississippi	2070	2	109	114	102	22	108
Moselle Generating Plant	Mississippi	2070	3	193	198	115	30	60
Moselle Generating Plant	Mississippi	2070	5		2	1	1	2
R D Morrow Senior Generating Plant	Mississippi	6061	1	3,435	3,807	4,168	3,588	2,830
R D Morrow Senior Generating Plant	Mississippi	6061	2	3,599	4,090	3,871	3,419	2,357
Red Hills Generation Facility	Mississippi	55076	AA001	1,080	944	1,221	1,204	1,211
Red Hills Generation Facility	Mississippi	55076	AA002	1,126	1,169	1,264	1,200	1,308
Rex Brown	Mississippi	2053	3	19	12	8	3	
Rex Brown	Mississippi	2053	4	499	381	451	216	116
Silver Creek Generating Plant	Mississippi	7988	1	1	2	2	7	4
Silver Creek Generating Plant	Mississippi	7988	2	0	0	2	10	5
Silver Creek Generating Plant	Mississippi	7988	3	1	1	1	2	8
Southaven Combined Cycle	Mississippi	55269	AA-001	41	39	54	40	57
Southaven Combined Cycle	Mississippi	55269	AA-002	41	32	25	62	150
Southaven Combined Cycle	Mississippi	55269	AA-003	42	35	56	47	161
Sweatt Electric Generating Plant	Mississippi	2048	1	4	1	9	2	
Sweatt Electric Generating Plant	Mississippi	2048	2	2	1	9	1	
Sweatt Electric Generating Plant	Mississippi	2048	CTA				6	0

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Kemper County	Mississippi	7960	KCT1	4	11				
Kemper County	Mississippi	7960	KCT2	6	9				
Kemper County	Mississippi	7960	KCT3	6	7				
Kemper County	Mississippi	7960	KCT4	4	7				
Magnolia Facility	Mississippi	55451	CTG-1	27	42				
Magnolia Facility	Mississippi	55451	CTG-2	23	40				
Magnolia Facility	Mississippi	55451	CTG-3	32	47				
Moselle Generating Plant	Mississippi	2070	**4	3	4				
Moselle Generating Plant	Mississippi	2070	1	153	295				
Moselle Generating Plant	Mississippi	2070	2	115	255				
Moselle Generating Plant	Mississippi	2070	3	165	345				
Moselle Generating Plant	Mississippi	2070	5	2	2				
R D Morrow Senior Generating Plant	Mississippi	6061	1	3,197	4,168				
R D Morrow Senior Generating Plant	Mississippi	6061	2	2,904	4,090				
Red Hills Generation Facility	Mississippi	55076	AA001	1,229	1,229				
Red Hills Generation Facility	Mississippi	55076	AA002	1,304	1,308				
Rex Brown	Mississippi	2053	3		52				
Rex Brown	Mississippi	2053	4	401	546				
Silver Creek Generating Plant	Mississippi	7988	1	3	7				
Silver Creek Generating Plant	Mississippi	7988	2	2	10				
Silver Creek Generating Plant	Mississippi	7988	3	3	8				
Southaven Combined Cycle	Mississippi	55269	AA-001	71	71				
Southaven Combined Cycle	Mississippi	55269	AA-002	64	150				
Southaven Combined Cycle	Mississippi	55269	AA-003	109	161				
Sweatt Electric Generating Plant	Mississippi	2048	1	3	9				
Sweatt Electric Generating Plant	Mississippi	2048	2	3	9				
Sweatt Electric Generating Plant	Mississippi	2048	CTA	1	6				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Kemper County	Mississippi	7960	KCT1				
Kemper County	Mississippi	7960	KCT2				
Kemper County	Mississippi	7960	KCT3				
Kemper County	Mississippi	7960	KCT4				
Magnolia Facility	Mississippi	55451	CTG-1				
Magnolia Facility	Mississippi	55451	CTG-2				
Magnolia Facility	Mississippi	55451	CTG-3				
Moselle Generating Plant	Mississippi	2070	**4				
Moselle Generating Plant	Mississippi	2070	1				
Moselle Generating Plant	Mississippi	2070	2				
Moselle Generating Plant	Mississippi	2070	3				
Moselle Generating Plant	Mississippi	2070	5				
R D Morrow Senior Generating Plant	Mississippi	6061	1				
R D Morrow Senior Generating Plant	Mississippi	6061	2				
Red Hills Generation Facility	Mississippi	55076	AA001				
Red Hills Generation Facility	Mississippi	55076	AA002				
Rex Brown	Mississippi	2053	3				
Rex Brown	Mississippi	2053	4				
Silver Creek Generating Plant	Mississippi	7988	1				
Silver Creek Generating Plant	Mississippi	7988	2				
Silver Creek Generating Plant	Mississippi	7988	3				
Southaven Combined Cycle	Mississippi	55269	AA-001				
Southaven Combined Cycle	Mississippi	55269	AA-002				
Southaven Combined Cycle	Mississippi	55269	AA-003				
Sweatt Electric Generating Plant	Mississippi	2048	1				
Sweatt Electric Generating Plant	Mississippi	2048	2				
Sweatt Electric Generating Plant	Mississippi	2048	CTA				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Kemper County	Mississippi	7960	KCT1				
Kemper County	Mississippi	7960	KCT2				
Kemper County	Mississippi	7960	KCT3				
Kemper County	Mississippi	7960	KCT4				
Magnolia Facility	Mississippi	55451	CTG-1				
Magnolia Facility	Mississippi	55451	CTG-2				
Magnolia Facility	Mississippi	55451	CTG-3				
Moselle Generating Plant	Mississippi	2070	**4				
Moselle Generating Plant	Mississippi	2070	1				
Moselle Generating Plant	Mississippi	2070	2				
Moselle Generating Plant	Mississippi	2070	3				
Moselle Generating Plant	Mississippi	2070	5				
R D Morrow Senior Generating Plant	Mississippi	6061	1				
R D Morrow Senior Generating Plant	Mississippi	6061	2				
Red Hills Generation Facility	Mississippi	55076	AA001				
Red Hills Generation Facility	Mississippi	55076	AA002				
Rex Brown	Mississippi	2053	3				
Rex Brown	Mississippi	2053	4				
Silver Creek Generating Plant	Mississippi	7988	1				
Silver Creek Generating Plant	Mississippi	7988	2				
Silver Creek Generating Plant	Mississippi	7988	3				
Southaven Combined Cycle	Mississippi	55269	AA-001				
Southaven Combined Cycle	Mississippi	55269	AA-002				
Southaven Combined Cycle	Mississippi	55269	AA-003				
Sweatt Electric Generating Plant	Mississippi	2048	1				
Sweatt Electric Generating Plant	Mississippi	2048	2				
Sweatt Electric Generating Plant	Mississippi	2048	CTA				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Kemper County	Mississippi	7960	KCT1				
Kemper County	Mississippi	7960	KCT2				
Kemper County	Mississippi	7960	KCT3				
Kemper County	Mississippi	7960	KCT4				
Magnolia Facility	Mississippi	55451	CTG-1				
Magnolia Facility	Mississippi	55451	CTG-2				
Magnolia Facility	Mississippi	55451	CTG-3				
Moselle Generating Plant	Mississippi	2070	**4				
Moselle Generating Plant	Mississippi	2070	1				
Moselle Generating Plant	Mississippi	2070	2				
Moselle Generating Plant	Mississippi	2070	3				
Moselle Generating Plant	Mississippi	2070	5				
R D Morrow Senior Generating Plant	Mississippi	6061	1				
R D Morrow Senior Generating Plant	Mississippi	6061	2				
Red Hills Generation Facility	Mississippi	55076	AA001				
Red Hills Generation Facility	Mississippi	55076	AA002				
Rex Brown	Mississippi	2053	3				
Rex Brown	Mississippi	2053	4				
Silver Creek Generating Plant	Mississippi	7988	1				
Silver Creek Generating Plant	Mississippi	7988	2				
Silver Creek Generating Plant	Mississippi	7988	3				
Southaven Combined Cycle	Mississippi	55269	AA-001				
Southaven Combined Cycle	Mississippi	55269	AA-002				
Southaven Combined Cycle	Mississippi	55269	AA-003				
Sweatt Electric Generating Plant	Mississippi	2048	1				
Sweatt Electric Generating Plant	Mississippi	2048	2				
Sweatt Electric Generating Plant	Mississippi	2048	CTA				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)			
Kemper County	Mississippi	7960	KCT1			212,502	155,471	70,529
Kemper County	Mississippi	7960	KCT2			201,359	150,999	70,418
Kemper County	Mississippi	7960	KCT3			187,803	130,264	70,573
Kemper County	Mississippi	7960	KCT4			199,833	123,677	68,198
Magnolia Facility	Mississippi	55451	CTG-1			2,749,668	3,213,744	1,543,292
Magnolia Facility	Mississippi	55451	CTG-2			2,793,439	3,289,840	1,634,812
Magnolia Facility	Mississippi	55451	CTG-3			1,772,120	3,134,667	1,602,810
Moselle Generating Plant	Mississippi	2070	**4			24,106	79,442	20,815
Moselle Generating Plant	Mississippi	2070	1			756,733	404,466	168,726
Moselle Generating Plant	Mississippi	2070	2			644,534	463,678	183,753
Moselle Generating Plant	Mississippi	2070	3			599,635	692,355	140,344
Moselle Generating Plant	Mississippi	2070	5			106,050	80,078	30,908
R D Morrow Senior Generating Plant	Mississippi	6061	1			7,415,941	8,265,396	5,327,629
R D Morrow Senior Generating Plant	Mississippi	6061	2			7,865,276	6,615,265	7,634,527
Red Hills Generation Facility	Mississippi	55076	AA001			7,447,455	8,597,695	9,775,513
Red Hills Generation Facility	Mississippi	55076	AA002			7,505,133	8,793,495	9,671,983
Rex Brown	Mississippi	2053	3			186,520	129,468	44,084
Rex Brown	Mississippi	2053	4			2,211,602	1,755,379	1,345,985
Silver Creek Generating Plant	Mississippi	7988	1			63,768	99,011	376,702
Silver Creek Generating Plant	Mississippi	7988	2			14,685	91,552	638,771
Silver Creek Generating Plant	Mississippi	7988	3			51,828	72,229	65,879
Southaven Combined Cycle	Mississippi	55269	AA-001			2,600,703	2,852,800	2,004,228
Southaven Combined Cycle	Mississippi	55269	AA-002			2,526,588	1,094,754	2,318,491
Southaven Combined Cycle	Mississippi	55269	AA-003			2,438,914	2,727,844	2,218,823
Sweatt Electric Generating Plant	Mississippi	2048	1			15,460	122,628	27,746
Sweatt Electric Generating Plant	Mississippi	2048	2			12,721	122,491	14,497
Sweatt Electric Generating Plant	Mississippi	2048	CTA					2,907

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Kemper County	Mississippi	7960	KCT1	66,431	197,203	188,392	208,920,551	0.000902
Kemper County	Mississippi	7960	KCT2	68,925	270,524	207,627	208,920,551	0.000994
Kemper County	Mississippi	7960	KCT3	61,523	255,289	191,119	208,920,551	0.000915
Kemper County	Mississippi	7960	KCT4	60,146	191,311	171,607	208,920,551	0.000821
Magnolia Facility	Mississippi	55451	CTG-1	1,696,808	2,707,590	2,890,334	208,920,551	0.013835
Magnolia Facility	Mississippi	55451	CTG-2	1,720,643	2,851,729	2,978,336	208,920,551	0.014256
Magnolia Facility	Mississippi	55451	CTG-3	1,820,121	3,328,592	2,761,127	208,920,551	0.013216
Moselle Generating Plant	Mississippi	2070	**4	67,155	122,729	89,775	208,920,551	0.000430
Moselle Generating Plant	Mississippi	2070	1	706,927	545,684	669,781	208,920,551	0.003206
Moselle Generating Plant	Mississippi	2070	2	162,885	400,284	502,832	208,920,551	0.002407
Moselle Generating Plant	Mississippi	2070	3	238,862	494,797	595,596	208,920,551	0.002851
Moselle Generating Plant	Mississippi	2070	5	73,184	70,008	86,437	208,920,551	0.000414
R D Morrow Senior Generating Plant	Mississippi	6061	1	6,133,709	5,831,190	7,271,682	208,920,551	0.034806
R D Morrow Senior Generating Plant	Mississippi	6061	2	4,957,375	7,116,741	7,538,848	208,920,551	0.036085
Red Hills Generation Facility	Mississippi	55076	AA001	10,184,457	9,484,871	9,814,947	208,920,551	0.046979
Red Hills Generation Facility	Mississippi	55076	AA002	8,027,655	9,630,422	9,365,300	208,920,551	0.044827
Rex Brown	Mississippi	2053	3			120,024	208,920,551	0.000574
Rex Brown	Mississippi	2053	4	971,476	2,033,018	2,000,000	208,920,551	0.009573
Silver Creek Generating Plant	Mississippi	7988	1	316,267	72,566	263,993	208,920,551	0.001264
Silver Creek Generating Plant	Mississippi	7988	2	386,803	103,349	376,308	208,920,551	0.001801
Silver Creek Generating Plant	Mississippi	7988	3	601,368	100,000	257,865	208,920,551	0.001234
Southaven Combined Cycle	Mississippi	55269	AA-001	3,809,491	3,943,188	3,535,159	208,920,551	0.016921
Southaven Combined Cycle	Mississippi	55269	AA-002	3,527,608	4,261,361	3,438,519	208,920,551	0.016459
Southaven Combined Cycle	Mississippi	55269	AA-003	3,158,785	4,283,066	3,389,898	208,920,551	0.016226
Sweatt Electric Generating Plant	Mississippi	2048	1		22,500	57,625	208,920,551	0.000276
Sweatt Electric Generating Plant	Mississippi	2048	2		21,834	52,941	208,920,551	0.000253
Sweatt Electric Generating Plant	Mississippi	2048	CTA	169	4,324	2,467	208,920,551	0.000012

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Kemper County	Mississippi	7960	KCT1	12,180	12,180	11	11	1	2
Kemper County	Mississippi	7960	KCT2	12,180	12,180	12	12	2	2
Kemper County	Mississippi	7960	KCT3	12,180	12,180	11	11	2	2
Kemper County	Mississippi	7960	KCT4	12,180	12,180	10	10	2	3
Magnolia Facility	Mississippi	55451	CTG-1	12,180	12,180	169	169	6	10
Magnolia Facility	Mississippi	55451	CTG-2	12,180	12,180	174	174	7	20
Magnolia Facility	Mississippi	55451	CTG-3	12,180	12,180	161	161	6	16
Moselle Generating Plant	Mississippi	2070	**4	12,180	12,180	5	5	1	1
Moselle Generating Plant	Mississippi	2070	1	12,180	12,180	39	39	100	142
Moselle Generating Plant	Mississippi	2070	2	12,180	12,180	29	29	50	95
Moselle Generating Plant	Mississippi	2070	3	12,180	12,180	35	35	156	36
Moselle Generating Plant	Mississippi	2070	5	12,180	12,180	5	5		
R D Morrow Senior Generating Plant	Mississippi	6061	1	12,180	12,180	424	424	1,553	1,536
R D Morrow Senior Generating Plant	Mississippi	6061	2	12,180	12,180	440	440	1,894	1,658
Red Hills Generation Facility	Mississippi	55076	AA001	12,180	12,180	572	572	446	490
Red Hills Generation Facility	Mississippi	55076	AA002	12,180	12,180	546	546	375	547
Rex Brown	Mississippi	2053	3	12,180	12,180	7	7	6	25
Rex Brown	Mississippi	2053	4	12,180	12,180	117	117	345	268
Silver Creek Generating Plant	Mississippi	7988	1	12,180	12,180	15	15		0
Silver Creek Generating Plant	Mississippi	7988	2	12,180	12,180	22	22		0
Silver Creek Generating Plant	Mississippi	7988	3	12,180	12,180	15	15		
Southaven Combined Cycle	Mississippi	55269	AA-001	12,180	12,180	206	206	11	16
Southaven Combined Cycle	Mississippi	55269	AA-002	12,180	12,180	200	200	11	14
Southaven Combined Cycle	Mississippi	55269	AA-003	12,180	12,180	198	198	8	15
Sweatt Electric Generating Plant	Mississippi	2048	1	12,180	12,180	3	3		0
Sweatt Electric Generating Plant	Mississippi	2048	2	12,180	12,180	3	3		0
Sweatt Electric Generating Plant	Mississippi	2048	CTA	12,180	12,180	0	0		

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Kemper County	Mississippi	7960	KCT1	8	3	2	1	1	3
Kemper County	Mississippi	7960	KCT2	7	3	2	1	1	3
Kemper County	Mississippi	7960	KCT3	6	3	2	1	1	3
Kemper County	Mississippi	7960	KCT4	6	3	2	1	1	2
Magnolia Facility	Mississippi	55451	CTG-1	24	21	23	13	13	16
Magnolia Facility	Mississippi	55451	CTG-2	22	20	23	15	14	18
Magnolia Facility	Mississippi	55451	CTG-3	17	12	28	17	14	22
Moselle Generating Plant	Mississippi	2070	**4	3	0	2	0	1	2
Moselle Generating Plant	Mississippi	2070	1	66	94	58	23	112	79
Moselle Generating Plant	Mississippi	2070	2	91	70	53	20	20	46
Moselle Generating Plant	Mississippi	2070	3	83	71	79	16	31	65
Moselle Generating Plant	Mississippi	2070	5		1	1	0	1	1
R D Morrow Senior Generating Plant	Mississippi	6061	1	1,394	1,713	2,010	1,336	1,463	1,449
R D Morrow Senior Generating Plant	Mississippi	6061	2	1,655	1,951	1,568	1,745	1,110	1,617
Red Hills Generation Facility	Mississippi	55076	AA001	416	437	560	657	562	574
Red Hills Generation Facility	Mississippi	55076	AA002	418	439	622	653	524	592
Rex Brown	Mississippi	2053	3	15	10	8	3		
Rex Brown	Mississippi	2053	4	351	299	231	152	112	310
Silver Creek Generating Plant	Mississippi	7988	1	0	1	2	5	4	1
Silver Creek Generating Plant	Mississippi	7988	2	0	0	1	9	5	1
Silver Creek Generating Plant	Mississippi	7988	3	1	1	1	1	8	1
Southaven Combined Cycle	Mississippi	55269	AA-001	25	23	27	18	29	26
Southaven Combined Cycle	Mississippi	55269	AA-002	22	20	10	23	31	32
Southaven Combined Cycle	Mississippi	55269	AA-003	26	22	25	22	75	49
Sweatt Electric Generating Plant	Mississippi	2048	1	4	1	8	2		2
Sweatt Electric Generating Plant	Mississippi	2048	2	2	1	8	1		2
Sweatt Electric Generating Plant	Mississippi	2048	CTA				0	0	0

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Kemper County	Mississippi	7960	KCT1	8					
Kemper County	Mississippi	7960	KCT2	7					
Kemper County	Mississippi	7960	KCT3	6					
Kemper County	Mississippi	7960	KCT4	6					
Magnolia Facility	Mississippi	55451	CTG-1	24					
Magnolia Facility	Mississippi	55451	CTG-2	23					
Magnolia Facility	Mississippi	55451	CTG-3	28					
Moselle Generating Plant	Mississippi	2070	**4	3					
Moselle Generating Plant	Mississippi	2070	1	142					
Moselle Generating Plant	Mississippi	2070	2	95					
Moselle Generating Plant	Mississippi	2070	3	156					
Moselle Generating Plant	Mississippi	2070	5	1					
R D Morrow Senior Generating Plant	Mississippi	6061	1	2,010					
R D Morrow Senior Generating Plant	Mississippi	6061	2	1,951					
Red Hills Generation Facility	Mississippi	55076	AA001	657					
Red Hills Generation Facility	Mississippi	55076	AA002	653					
Rex Brown	Mississippi	2053	3	25					
Rex Brown	Mississippi	2053	4	351					
Silver Creek Generating Plant	Mississippi	7988	1	5					
Silver Creek Generating Plant	Mississippi	7988	2	9					
Silver Creek Generating Plant	Mississippi	7988	3	8					
Southaven Combined Cycle	Mississippi	55269	AA-001	29					
Southaven Combined Cycle	Mississippi	55269	AA-002	32					
Southaven Combined Cycle	Mississippi	55269	AA-003	75					
Sweatt Electric Generating Plant	Mississippi	2048	1	8					
Sweatt Electric Generating Plant	Mississippi	2048	2	8					
Sweatt Electric Generating Plant	Mississippi	2048	CTA	0					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Kemper County	Mississippi	7960	KCT1			8	8
Kemper County	Mississippi	7960	KCT2			7	7
Kemper County	Mississippi	7960	KCT3			6	6
Kemper County	Mississippi	7960	KCT4			6	6
Magnolia Facility	Mississippi	55451	CTG-1			24	24
Magnolia Facility	Mississippi	55451	CTG-2			23	23
Magnolia Facility	Mississippi	55451	CTG-3			28	28
Moselle Generating Plant	Mississippi	2070	**4			3	3
Moselle Generating Plant	Mississippi	2070	1			62	62
Moselle Generating Plant	Mississippi	2070	2			47	47
Moselle Generating Plant	Mississippi	2070	3			55	55
Moselle Generating Plant	Mississippi	2070	5			1	1
R D Morrow Senior Generating Plant	Mississippi	6061	1			673	673
R D Morrow Senior Generating Plant	Mississippi	6061	2			698	698
Red Hills Generation Facility	Mississippi	55076	AA001			657	657
Red Hills Generation Facility	Mississippi	55076	AA002			653	653
Rex Brown	Mississippi	2053	3			11	11
Rex Brown	Mississippi	2053	4			185	185
Silver Creek Generating Plant	Mississippi	7988	1			5	5
Silver Creek Generating Plant	Mississippi	7988	2			9	9
Silver Creek Generating Plant	Mississippi	7988	3			8	8
Southaven Combined Cycle	Mississippi	55269	AA-001			29	29
Southaven Combined Cycle	Mississippi	55269	AA-002			32	32
Southaven Combined Cycle	Mississippi	55269	AA-003			75	75
Sweatt Electric Generating Plant	Mississippi	2048	1			5	5
Sweatt Electric Generating Plant	Mississippi	2048	2			5	5
Sweatt Electric Generating Plant	Mississippi	2048	CTA			0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Kemper County	Mississippi	7960	KCT1	8	8	8	8
Kemper County	Mississippi	7960	KCT2	7	7	7	7
Kemper County	Mississippi	7960	KCT3	6	6	6	6
Kemper County	Mississippi	7960	KCT4	6	6	6	6
Magnolia Facility	Mississippi	55451	CTG-1	24	24	24	24
Magnolia Facility	Mississippi	55451	CTG-2	23	23	23	23
Magnolia Facility	Mississippi	55451	CTG-3	28	28	28	28
Moselle Generating Plant	Mississippi	2070	**4	3	3	3	3
Moselle Generating Plant	Mississippi	2070	1	62	62	62	62
Moselle Generating Plant	Mississippi	2070	2	47	47	47	47
Moselle Generating Plant	Mississippi	2070	3	55	55	55	55
Moselle Generating Plant	Mississippi	2070	5	1	1	1	1
R D Morrow Senior Generating Plant	Mississippi	6061	1	673	673	673	673
R D Morrow Senior Generating Plant	Mississippi	6061	2	698	698	698	698
Red Hills Generation Facility	Mississippi	55076	AA001	657	657	657	657
Red Hills Generation Facility	Mississippi	55076	AA002	653	653	653	653
Rex Brown	Mississippi	2053	3	11	11	11	11
Rex Brown	Mississippi	2053	4	185	185	185	185
Silver Creek Generating Plant	Mississippi	7988	1	5	5	5	5
Silver Creek Generating Plant	Mississippi	7988	2	9	9	9	9
Silver Creek Generating Plant	Mississippi	7988	3	8	8	8	8
Southaven Combined Cycle	Mississippi	55269	AA-001	29	29	29	29
Southaven Combined Cycle	Mississippi	55269	AA-002	32	32	32	32
Southaven Combined Cycle	Mississippi	55269	AA-003	75	75	75	75
Sweatt Electric Generating Plant	Mississippi	2048	1	5	5	5	5
Sweatt Electric Generating Plant	Mississippi	2048	2	5	5	5	5
Sweatt Electric Generating Plant	Mississippi	2048	CTA	0	0	0	0

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Kemper County	Mississippi	7960	KCT1				Y		
Kemper County	Mississippi	7960	KCT2				Y		
Kemper County	Mississippi	7960	KCT3				Y		
Kemper County	Mississippi	7960	KCT4				Y		
Magnolia Facility	Mississippi	55451	CTG-1				Y		
Magnolia Facility	Mississippi	55451	CTG-2				Y		
Magnolia Facility	Mississippi	55451	CTG-3				Y		
Moselle Generating Plant	Mississippi	2070	**4				Y		
Moselle Generating Plant	Mississippi	2070	1				Y		
Moselle Generating Plant	Mississippi	2070	2				Y		
Moselle Generating Plant	Mississippi	2070	3				Y		
Moselle Generating Plant	Mississippi	2070	5				Y		
R D Morrow Senior Generating Plant	Mississippi	6061	1				Y		
R D Morrow Senior Generating Plant	Mississippi	6061	2				Y		
Red Hills Generation Facility	Mississippi	55076	AA001				Y		
Red Hills Generation Facility	Mississippi	55076	AA002				Y		
Rex Brown	Mississippi	2053	3				Y		
Rex Brown	Mississippi	2053	4				Y		
Silver Creek Generating Plant	Mississippi	7988	1				Y		
Silver Creek Generating Plant	Mississippi	7988	2				Y		
Silver Creek Generating Plant	Mississippi	7988	3				Y		
Southaven Combined Cycle	Mississippi	55269	AA-001				Y		
Southaven Combined Cycle	Mississippi	55269	AA-002				Y		
Southaven Combined Cycle	Mississippi	55269	AA-003				Y		
Sweatt Electric Generating Plant	Mississippi	2048	1				Y		
Sweatt Electric Generating Plant	Mississippi	2048	2				Y		
Sweatt Electric Generating Plant	Mississippi	2048	CTA				Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Sweatt Electric Generating Plant	Mississippi	2048	CTB	90314			21,128	2,949	5,168
Sylvarena Generating Plant	Mississippi	7989	1	88208	326,204	405,395	275,611	345,017	309,181
Sylvarena Generating Plant	Mississippi	7989	2	88209	552,812	471,226	320,956	320,673	429,025
Sylvarena Generating Plant	Mississippi	7989	3	88210	570,335	702,349	237,927	359,052	456,106
Watson Electric Generating Plant	Mississippi	2049	1	1288	51,126	125,801	48,787		18,376
Watson Electric Generating Plant	Mississippi	2049	2	1289	63,415	127,809	61,584		35,255
Watson Electric Generating Plant	Mississippi	2049	3	1290	96,948	124,177	59,546		52,141
Watson Electric Generating Plant	Mississippi	2049	4	1291	16,968,255	18,214,334	15,569,833	13,217,059	8,519,864
Watson Electric Generating Plant	Mississippi	2049	5	1292	32,225,161	30,324,472	36,823,560	17,292,104	23,539,656
Watson Electric Generating Plant	Mississippi	2049	CTA	90051			8,158	2,138	1,770
Watson Electric Generating Plant	Mississippi	2049	CTB	90315			7,810	2,319	1,846
Asbury	Missouri	2076	1	1311	15,633,688	11,817,304	14,615,619	14,961,842	14,768,982
Audrain Power Plant	Missouri	55234	CT1	4258	69,118	142,126	66,342	46,636	87,528
Audrain Power Plant	Missouri	55234	CT2	4259	70,526	135,817	63,772	44,233	87,122
Audrain Power Plant	Missouri	55234	CT3	4260	69,014	128,315	57,670	50,140	121,542
Audrain Power Plant	Missouri	55234	CT4	4261	55,195	122,102	62,491	51,288	102,111
Audrain Power Plant	Missouri	55234	CT5	4262	56,493	90,324	29,291	38,620	84,999
Audrain Power Plant	Missouri	55234	CT6	4263	51,377	85,456	28,264	40,317	78,517
Audrain Power Plant	Missouri	55234	CT7	4264	44,178	64,815	16,196	29,033	59,095
Audrain Power Plant	Missouri	55234	CT8	4265	47,018	59,966	32,067	27,474	49,189
Blue Valley	Missouri	2132	3	1342	2,552,727	1,846,694	2,050,885	484,142	338,677
Chamois Power Plant	Missouri	2169	2	1362	4,166,466	4,287,618	3,830,154	4,039,873	4,292,744
Chillicothe	Missouri	2122	GT1A	90005			1,335	1,486	2,506
Chillicothe	Missouri	2122	GT1B	90226			1,427	1,379	2,522
Chillicothe	Missouri	2122	GT2A	90006			778	8,091	1,980
Chillicothe	Missouri	2122	GT2B	90227			117	8,269	1,948
Columbia	Missouri	2123	6	1339	298,287	457,161	362,358	208,056	32,955

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Sweatt Electric Generating Plant	Mississippi	2048	CTB	9,748	412,995,679	0.000024		
Sylvarena Generating Plant	Mississippi	7989	1	358,872	412,995,679	0.000869		
Sylvarena Generating Plant	Mississippi	7989	2	484,355	412,995,679	0.001173		
Sylvarena Generating Plant	Mississippi	7989	3	576,263	412,995,679	0.001395		
Watson Electric Generating Plant	Mississippi	2049	1	75,238	412,995,679	0.000182		
Watson Electric Generating Plant	Mississippi	2049	2	84,269	412,995,679	0.000204		
Watson Electric Generating Plant	Mississippi	2049	3	93,557	412,995,679	0.000227		
Watson Electric Generating Plant	Mississippi	2049	4	16,917,474	412,995,679	0.040963		
Watson Electric Generating Plant	Mississippi	2049	5	33,124,398	412,995,679	0.080205		
Watson Electric Generating Plant	Mississippi	2049	CTA	4,022	412,995,679	0.000010		
Watson Electric Generating Plant	Mississippi	2049	CTB	3,992	412,995,679	0.000010		
Asbury	Missouri	2076	1	15,121,504	835,446,021	0.018100	203,317	160,963
Audrain Power Plant	Missouri	55234	CT1	99,590	835,446,021	0.000119	203,317	160,963
Audrain Power Plant	Missouri	55234	CT2	97,822	835,446,021	0.000117	203,317	160,963
Audrain Power Plant	Missouri	55234	CT3	106,291	835,446,021	0.000127	203,317	160,963
Audrain Power Plant	Missouri	55234	CT4	95,568	835,446,021	0.000114	203,317	160,963
Audrain Power Plant	Missouri	55234	CT5	77,272	835,446,021	0.000092	203,317	160,963
Audrain Power Plant	Missouri	55234	CT6	71,783	835,446,021	0.000086	203,317	160,963
Audrain Power Plant	Missouri	55234	CT7	56,029	835,446,021	0.000067	203,317	160,963
Audrain Power Plant	Missouri	55234	CT8	52,057	835,446,021	0.000062	203,317	160,963
Blue Valley	Missouri	2132	3	2,150,102	835,446,021	0.002574	203,317	160,963
Chamois Power Plant	Missouri	2169	2	4,248,943	835,446,021	0.005086	203,317	160,963
Chillicothe	Missouri	2122	GT1A	1,776	835,446,021	0.000002	203,317	160,963
Chillicothe	Missouri	2122	GT1B	1,776	835,446,021	0.000002	203,317	160,963
Chillicothe	Missouri	2122	GT2A	3,616	835,446,021	0.000004	203,317	160,963
Chillicothe	Missouri	2122	GT2B	3,445	835,446,021	0.000004	203,317	160,963
Columbia	Missouri	2123	6	372,602	835,446,021	0.000446	203,317	160,963

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Sweatt Electric Generating Plant	Mississippi	2048	CTB						
Sylvarena Generating Plant	Mississippi	7989	1						
Sylvarena Generating Plant	Mississippi	7989	2						
Sylvarena Generating Plant	Mississippi	7989	3						
Watson Electric Generating Plant	Mississippi	2049	1						
Watson Electric Generating Plant	Mississippi	2049	2						
Watson Electric Generating Plant	Mississippi	2049	3						
Watson Electric Generating Plant	Mississippi	2049	4						
Watson Electric Generating Plant	Mississippi	2049	5						
Watson Electric Generating Plant	Mississippi	2049	CTA						
Watson Electric Generating Plant	Mississippi	2049	CTB						
Asbury	Missouri	2076	1	50,828	45,818	3,680	2,913	920	829
Audrain Power Plant	Missouri	55234	CT1	50,828	45,818	24	19	6	5
Audrain Power Plant	Missouri	55234	CT2	50,828	45,818	24	19	6	5
Audrain Power Plant	Missouri	55234	CT3	50,828	45,818	26	20	6	6
Audrain Power Plant	Missouri	55234	CT4	50,828	45,818	23	18	6	5
Audrain Power Plant	Missouri	55234	CT5	50,828	45,818	19	15	5	4
Audrain Power Plant	Missouri	55234	CT6	50,828	45,818	17	14	4	4
Audrain Power Plant	Missouri	55234	CT7	50,828	45,818	14	11	3	3
Audrain Power Plant	Missouri	55234	CT8	50,828	45,818	13	10	3	3
Blue Valley	Missouri	2132	3	50,828	45,818	523	414	131	118
Chamois Power Plant	Missouri	2169	2	50,828	45,818	1,034	819	259	233
Chillicothe	Missouri	2122	GT1A	50,828	45,818	0	0	0	0
Chillicothe	Missouri	2122	GT1B	50,828	45,818	0	0	0	0
Chillicothe	Missouri	2122	GT2A	50,828	45,818	1	1	0	0
Chillicothe	Missouri	2122	GT2B	50,828	45,818	1	1	0	0
Columbia	Missouri	2123	6	50,828	45,818	91	72	23	20

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Sweatt Electric Generating Plant	Mississippi	2048	CTB					
Sylvarena Generating Plant	Mississippi	7989	1	0	0	0	0	0
Sylvarena Generating Plant	Mississippi	7989	2	0	0	0	0	0
Sylvarena Generating Plant	Mississippi	7989	3	0	0	0	0	0
Watson Electric Generating Plant	Mississippi	2049	1	0	0	0	0	0
Watson Electric Generating Plant	Mississippi	2049	2	0	0	0	0	0
Watson Electric Generating Plant	Mississippi	2049	3	0	0	0	0	0
Watson Electric Generating Plant	Mississippi	2049	4	8,092	8,838	8,798	9,874	8,842
Watson Electric Generating Plant	Mississippi	2049	5	16,777	14,998	14,427	19,239	14,487
Watson Electric Generating Plant	Mississippi	2049	CTA					
Watson Electric Generating Plant	Mississippi	2049	CTB					
Asbury	Missouri	2076	1	4,165	7,599	11,965	14,517	9,870
Audrain Power Plant	Missouri	55234	CT1			0	0	0
Audrain Power Plant	Missouri	55234	CT2			0	0	0
Audrain Power Plant	Missouri	55234	CT3			0	0	0
Audrain Power Plant	Missouri	55234	CT4			0	0	0
Audrain Power Plant	Missouri	55234	CT5			0	0	0
Audrain Power Plant	Missouri	55234	CT6			0	0	0
Audrain Power Plant	Missouri	55234	CT7			0	0	0
Audrain Power Plant	Missouri	55234	CT8			0	0	0
Blue Valley	Missouri	2132	3	5,155	6,978	5,319	5,997	3,079
Chamois Power Plant	Missouri	2169	2	1,024	982	884	1,112	1,110
Chillicothe	Missouri	2122	GT1A					
Chillicothe	Missouri	2122	GT1B					
Chillicothe	Missouri	2122	GT2A					
Chillicothe	Missouri	2122	GT2B					
Columbia	Missouri	2123	6	366	584	399	318	399

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Sweatt Electric Generating Plant	Mississippi	2048	CTB		0	0	0		
Sylvarena Generating Plant	Mississippi	7989	1	0	0	0	0		
Sylvarena Generating Plant	Mississippi	7989	2	0	0	0	0		
Sylvarena Generating Plant	Mississippi	7989	3	0	0	0	0		
Watson Electric Generating Plant	Mississippi	2049	1	0		0	0		
Watson Electric Generating Plant	Mississippi	2049	2	0		0	0		
Watson Electric Generating Plant	Mississippi	2049	3	0		0	0		
Watson Electric Generating Plant	Mississippi	2049	4	8,525	5,593	6,774	9,874		
Watson Electric Generating Plant	Mississippi	2049	5	19,655	7,173	16,669	19,655		
Watson Electric Generating Plant	Mississippi	2049	CTA		0	0	0		
Watson Electric Generating Plant	Mississippi	2049	CTB		0	0	0		
Asbury	Missouri	2076	1	10,756	11,006	9,403	14,517		
Audrain Power Plant	Missouri	55234	CT1	0	0	0	0		
Audrain Power Plant	Missouri	55234	CT2	0	0	0	0		
Audrain Power Plant	Missouri	55234	CT3	0	0	0	0		
Audrain Power Plant	Missouri	55234	CT4	0	0	0	0		
Audrain Power Plant	Missouri	55234	CT5	0	0	0	0		
Audrain Power Plant	Missouri	55234	CT6	0	0	0	0		
Audrain Power Plant	Missouri	55234	CT7	0	0	0	0		
Audrain Power Plant	Missouri	55234	CT8	0	0	0	0		
Blue Valley	Missouri	2132	3	3,831	898	561	6,978		
Chamois Power Plant	Missouri	2169	2	952	1,413	1,187	1,413		
Chillicothe	Missouri	2122	GT1A		0	0	0		
Chillicothe	Missouri	2122	GT1B		0	0	0		
Chillicothe	Missouri	2122	GT2A		2	0	2		
Chillicothe	Missouri	2122	GT2B		0	0	0		
Columbia	Missouri	2123	6	281	157	23	584		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Sweatt Electric Generating Plant	Mississippi	2048	CTB						
Sylvarena Generating Plant	Mississippi	7989	1					2	12
Sylvarena Generating Plant	Mississippi	7989	2					4	69
Sylvarena Generating Plant	Mississippi	7989	3					16	49
Watson Electric Generating Plant	Mississippi	2049	1					3	3
Watson Electric Generating Plant	Mississippi	2049	2					3	4
Watson Electric Generating Plant	Mississippi	2049	3					37	16
Watson Electric Generating Plant	Mississippi	2049	4					4,413	4,562
Watson Electric Generating Plant	Mississippi	2049	5					11,559	9,830
Watson Electric Generating Plant	Mississippi	2049	CTA						
Watson Electric Generating Plant	Mississippi	2049	CTB						
Asbury	Missouri	2076	1					5,279	5,611
Audrain Power Plant	Missouri	55234	CT1						
Audrain Power Plant	Missouri	55234	CT2						
Audrain Power Plant	Missouri	55234	CT3						
Audrain Power Plant	Missouri	55234	CT4						
Audrain Power Plant	Missouri	55234	CT5						
Audrain Power Plant	Missouri	55234	CT6						
Audrain Power Plant	Missouri	55234	CT7						
Audrain Power Plant	Missouri	55234	CT8						
Blue Valley	Missouri	2132	3					343	404
Chamois Power Plant	Missouri	2169	2					1,647	1,613
Chillicothe	Missouri	2122	GT1A						
Chillicothe	Missouri	2122	GT1B						
Chillicothe	Missouri	2122	GT2A						
Chillicothe	Missouri	2122	GT2B						
Columbia	Missouri	2123	6					123	194

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Sweatt Electric Generating Plant	Mississippi	2048	CTB				6	0
Sylvarena Generating Plant	Mississippi	7989	1	21	15	18	12	16
Sylvarena Generating Plant	Mississippi	7989	2	30	29	21	15	15
Sylvarena Generating Plant	Mississippi	7989	3	36	30	30	11	16
Watson Electric Generating Plant	Mississippi	2049	1	6	5	9	4	
Watson Electric Generating Plant	Mississippi	2049	2	8	5	8	5	
Watson Electric Generating Plant	Mississippi	2049	3	15	6	7	4	
Watson Electric Generating Plant	Mississippi	2049	4	3,637	4,937	4,987	4,269	1,904
Watson Electric Generating Plant	Mississippi	2049	5	7,946	10,730	10,601	8,117	3,101
Watson Electric Generating Plant	Mississippi	2049	CTA				2	0
Watson Electric Generating Plant	Mississippi	2049	CTB				2	0
Asbury	Missouri	2076	1	5,532	5,694	4,159	4,830	794
Audrain Power Plant	Missouri	55234	CT1	1	1	2	1	1
Audrain Power Plant	Missouri	55234	CT2	1	1	2	1	1
Audrain Power Plant	Missouri	55234	CT3	1	1	2	1	1
Audrain Power Plant	Missouri	55234	CT4	1	1	2	1	1
Audrain Power Plant	Missouri	55234	CT5	0	1	1	0	1
Audrain Power Plant	Missouri	55234	CT6	0	1	1	0	1
Audrain Power Plant	Missouri	55234	CT7	1	1	1	0	0
Audrain Power Plant	Missouri	55234	CT8	0	1	1	0	0
Blue Valley	Missouri	2132	3	327	392	283	306	60
Chamois Power Plant	Missouri	2169	2	1,283	1,564	1,744	1,661	1,896
Chillicothe	Missouri	2122	GT1A				0	1
Chillicothe	Missouri	2122	GT1B				1	0
Chillicothe	Missouri	2122	GT2A				0	4
Chillicothe	Missouri	2122	GT2B				0	3
Columbia	Missouri	2123	6	112	82	119	98	55

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Sweatt Electric Generating Plant	Mississippi	2048	CTB	0	6				
Sylvarena Generating Plant	Mississippi	7989	1	16	21				
Sylvarena Generating Plant	Mississippi	7989	2	19	69				
Sylvarena Generating Plant	Mississippi	7989	3	19	49				
Watson Electric Generating Plant	Mississippi	2049	1	1	9				
Watson Electric Generating Plant	Mississippi	2049	2	2	8				
Watson Electric Generating Plant	Mississippi	2049	3	4	37				
Watson Electric Generating Plant	Mississippi	2049	4	1,271	4,987				
Watson Electric Generating Plant	Mississippi	2049	5	4,325	11,559				
Watson Electric Generating Plant	Mississippi	2049	CTA	0	2				
Watson Electric Generating Plant	Mississippi	2049	CTB	0	2				
Asbury	Missouri	2076	1	962	5,694				
Audrain Power Plant	Missouri	55234	CT1	1	2				
Audrain Power Plant	Missouri	55234	CT2	1	2				
Audrain Power Plant	Missouri	55234	CT3	2	2				
Audrain Power Plant	Missouri	55234	CT4	2	2				
Audrain Power Plant	Missouri	55234	CT5	1	1				
Audrain Power Plant	Missouri	55234	CT6	1	1				
Audrain Power Plant	Missouri	55234	CT7	1	1				
Audrain Power Plant	Missouri	55234	CT8	1	1				
Blue Valley	Missouri	2132	3	36	404				
Chamois Power Plant	Missouri	2169	2	1,844	1,896				
Chillicothe	Missouri	2122	GT1A	1	1				
Chillicothe	Missouri	2122	GT1B	1	1				
Chillicothe	Missouri	2122	GT2A	1	4				
Chillicothe	Missouri	2122	GT2B	1	3				
Columbia	Missouri	2123	6	8	194				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Sweatt Electric Generating Plant	Mississippi	2048	CTB				
Sylvarena Generating Plant	Mississippi	7989	1				
Sylvarena Generating Plant	Mississippi	7989	2				
Sylvarena Generating Plant	Mississippi	7989	3				
Watson Electric Generating Plant	Mississippi	2049	1				
Watson Electric Generating Plant	Mississippi	2049	2				
Watson Electric Generating Plant	Mississippi	2049	3				
Watson Electric Generating Plant	Mississippi	2049	4				
Watson Electric Generating Plant	Mississippi	2049	5				
Watson Electric Generating Plant	Mississippi	2049	CTA				
Watson Electric Generating Plant	Mississippi	2049	CTB				
Asbury	Missouri	2076	1				4,126
Audrain Power Plant	Missouri	55234	CT1				0
Audrain Power Plant	Missouri	55234	CT2				0
Audrain Power Plant	Missouri	55234	CT3				0
Audrain Power Plant	Missouri	55234	CT4				0
Audrain Power Plant	Missouri	55234	CT5				0
Audrain Power Plant	Missouri	55234	CT6				0
Audrain Power Plant	Missouri	55234	CT7				0
Audrain Power Plant	Missouri	55234	CT8				0
Blue Valley	Missouri	2132	3				587
Chamois Power Plant	Missouri	2169	2				1,159
Chillicothe	Missouri	2122	GT1A				0
Chillicothe	Missouri	2122	GT1B				0
Chillicothe	Missouri	2122	GT2A				1
Chillicothe	Missouri	2122	GT2B				0
Columbia	Missouri	2123	6				102

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Sweatt Electric Generating Plant	Mississippi	2048	CTB				
Sylvarena Generating Plant	Mississippi	7989	1				
Sylvarena Generating Plant	Mississippi	7989	2				
Sylvarena Generating Plant	Mississippi	7989	3				
Watson Electric Generating Plant	Mississippi	2049	1				
Watson Electric Generating Plant	Mississippi	2049	2				
Watson Electric Generating Plant	Mississippi	2049	3				
Watson Electric Generating Plant	Mississippi	2049	4				
Watson Electric Generating Plant	Mississippi	2049	5				
Watson Electric Generating Plant	Mississippi	2049	CTA				
Watson Electric Generating Plant	Mississippi	2049	CTB				
Asbury	Missouri	2076	1	3,180	3,180	3,180	3,180
Audrain Power Plant	Missouri	55234	CT1	0	0	0	0
Audrain Power Plant	Missouri	55234	CT2	0	0	0	0
Audrain Power Plant	Missouri	55234	CT3	0	0	0	0
Audrain Power Plant	Missouri	55234	CT4	0	0	0	0
Audrain Power Plant	Missouri	55234	CT5	0	0	0	0
Audrain Power Plant	Missouri	55234	CT6	0	0	0	0
Audrain Power Plant	Missouri	55234	CT7	0	0	0	0
Audrain Power Plant	Missouri	55234	CT8	0	0	0	0
Blue Valley	Missouri	2132	3	452	452	452	452
Chamois Power Plant	Missouri	2169	2	893	893	893	893
Chillicothe	Missouri	2122	GT1A	0	0	0	0
Chillicothe	Missouri	2122	GT1B	0	0	0	0
Chillicothe	Missouri	2122	GT2A	1	1	1	1
Chillicothe	Missouri	2122	GT2B	0	0	0	0
Columbia	Missouri	2123	6	78	78	78	78

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Sweatt Electric Generating Plant	Mississippi	2048	CTB				
Sylvarena Generating Plant	Mississippi	7989	1				
Sylvarena Generating Plant	Mississippi	7989	2				
Sylvarena Generating Plant	Mississippi	7989	3				
Watson Electric Generating Plant	Mississippi	2049	1				
Watson Electric Generating Plant	Mississippi	2049	2				
Watson Electric Generating Plant	Mississippi	2049	3				
Watson Electric Generating Plant	Mississippi	2049	4				
Watson Electric Generating Plant	Mississippi	2049	5				
Watson Electric Generating Plant	Mississippi	2049	CTA				
Watson Electric Generating Plant	Mississippi	2049	CTB				
Asbury	Missouri	2076	1	1,038	989	884	884
Audrain Power Plant	Missouri	55234	CT1	2	2	2	2
Audrain Power Plant	Missouri	55234	CT2	2	2	2	2
Audrain Power Plant	Missouri	55234	CT3	2	2	2	2
Audrain Power Plant	Missouri	55234	CT4	2	2	2	2
Audrain Power Plant	Missouri	55234	CT5	1	1	1	1
Audrain Power Plant	Missouri	55234	CT6	1	1	1	1
Audrain Power Plant	Missouri	55234	CT7	1	1	1	1
Audrain Power Plant	Missouri	55234	CT8	1	1	1	1
Blue Valley	Missouri	2132	3	148	141	126	126
Chamois Power Plant	Missouri	2169	2	292	278	248	248
Chillicothe	Missouri	2122	GT1A	0	0	0	0
Chillicothe	Missouri	2122	GT1B	0	0	0	0
Chillicothe	Missouri	2122	GT2A	0	0	0	0
Chillicothe	Missouri	2122	GT2B	0	0	0	0
Columbia	Missouri	2123	6	26	24	22	22

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
						2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)			
Sweatt Electric Generating Plant	Mississippi	2048	CTB					2,775
Sylvarena Generating Plant	Mississippi	7989	1			201,566	278,051	122,470
Sylvarena Generating Plant	Mississippi	7989	2			336,177	284,399	157,756
Sylvarena Generating Plant	Mississippi	7989	3			340,423	428,745	125,413
Watson Electric Generating Plant	Mississippi	2049	1			51,126	121,268	48,787
Watson Electric Generating Plant	Mississippi	2049	2			63,415	125,883	61,584
Watson Electric Generating Plant	Mississippi	2049	3			96,948	119,636	59,546
Watson Electric Generating Plant	Mississippi	2049	4			7,345,131	7,631,097	7,416,528
Watson Electric Generating Plant	Mississippi	2049	5			16,354,899	15,635,432	16,186,799
Watson Electric Generating Plant	Mississippi	2049	CTA					1,485
Watson Electric Generating Plant	Mississippi	2049	CTB					1,482
Asbury	Missouri	2076	1	884	884	6,810,573	6,762,328	7,207,295
Audrain Power Plant	Missouri	55234	CT1	2	2	69,118	81,425	55,410
Audrain Power Plant	Missouri	55234	CT2	2	2	69,247	67,892	53,010
Audrain Power Plant	Missouri	55234	CT3	2	2	67,991	72,085	45,701
Audrain Power Plant	Missouri	55234	CT4	2	2	55,195	55,748	49,707
Audrain Power Plant	Missouri	55234	CT5	1	1	55,388	53,380	23,266
Audrain Power Plant	Missouri	55234	CT6	1	1	51,377	44,870	25,755
Audrain Power Plant	Missouri	55234	CT7	1	1	43,124	35,958	15,719
Audrain Power Plant	Missouri	55234	CT8	1	1	47,018	38,348	31,874
Blue Valley	Missouri	2132	3	126	126	1,391,844	1,072,337	959,151
Chamois Power Plant	Missouri	2169	2	248	248	1,702,007	1,952,626	1,681,140
Chillicothe	Missouri	2122	GT1A	0	0			1,317
Chillicothe	Missouri	2122	GT1B	0	0			1,202
Chillicothe	Missouri	2122	GT2A	0	0			
Chillicothe	Missouri	2122	GT2B	0	0			117
Columbia	Missouri	2123	6	22	22	275,921	342,144	340,086

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Sweatt Electric Generating Plant	Mississippi	2048	CTB	161	4,304	2,414	208,920,551	0.000012
Sylvarena Generating Plant	Mississippi	7989	1	207,287	176,934	228,968	208,920,551	0.001096
Sylvarena Generating Plant	Mississippi	7989	2	210,222	253,604	291,393	208,920,551	0.001395
Sylvarena Generating Plant	Mississippi	7989	3	275,188	241,804	348,119	208,920,551	0.001666
Watson Electric Generating Plant	Mississippi	2049	1		109	73,727	208,920,551	0.000353
Watson Electric Generating Plant	Mississippi	2049	2		9,342	83,627	208,920,551	0.000400
Watson Electric Generating Plant	Mississippi	2049	3			92,043	208,920,551	0.000441
Watson Electric Generating Plant	Mississippi	2049	4	6,591,445	3,734,365	7,464,252	208,920,551	0.035728
Watson Electric Generating Plant	Mississippi	2049	5	9,851,698	12,609,618	16,059,043	208,920,551	0.076867
Watson Electric Generating Plant	Mississippi	2049	CTA	1,228	814	1,176	208,920,551	0.000006
Watson Electric Generating Plant	Mississippi	2049	CTB	1,288	876	1,215	208,920,551	0.000006
Asbury	Missouri	2076	1	6,278,805	5,730,336	6,926,732	372,941,836	0.018573
Audrain Power Plant	Missouri	55234	CT1	36,015	80,527	77,023	372,941,836	0.000207
Audrain Power Plant	Missouri	55234	CT2	35,324	82,292	73,144	372,941,836	0.000196
Audrain Power Plant	Missouri	55234	CT3	36,800	96,433	78,837	372,941,836	0.000211
Audrain Power Plant	Missouri	55234	CT4	33,251	89,269	66,737	372,941,836	0.000179
Audrain Power Plant	Missouri	55234	CT5	27,885	78,114	62,294	372,941,836	0.000167
Audrain Power Plant	Missouri	55234	CT6	27,343	68,454	54,900	372,941,836	0.000147
Audrain Power Plant	Missouri	55234	CT7	24,738	50,040	43,041	372,941,836	0.000115
Audrain Power Plant	Missouri	55234	CT8	22,699	44,722	43,363	372,941,836	0.000116
Blue Valley	Missouri	2132	3	223,515	338,677	1,141,111	372,941,836	0.003060
Chamois Power Plant	Missouri	2169	2	1,420,532	1,687,134	1,780,589	372,941,836	0.004774
Chillicothe	Missouri	2122	GT1A	743	1,853	1,304	372,941,836	0.000003
Chillicothe	Missouri	2122	GT1B	850	1,869	1,307	372,941,836	0.000004
Chillicothe	Missouri	2122	GT2A	488	1,310	899	372,941,836	0.000002
Chillicothe	Missouri	2122	GT2B	488	1,294	633	372,941,836	0.000002
Columbia	Missouri	2123	6	177,820	3,169	319,384	372,941,836	0.000856

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Sweatt Electric Generating Plant	Mississippi	2048	CTB	12,180	12,180	0	0		
Sylvarena Generating Plant	Mississippi	7989	1	12,180	12,180	13	13		7
Sylvarena Generating Plant	Mississippi	7989	2	12,180	12,180	17	17	1	11
Sylvarena Generating Plant	Mississippi	7989	3	12,180	12,180	20	20		10
Watson Electric Generating Plant	Mississippi	2049	1	12,180	12,180	4	4		3
Watson Electric Generating Plant	Mississippi	2049	2	12,180	12,180	5	5		4
Watson Electric Generating Plant	Mississippi	2049	3	12,180	12,180	5	5	29	16
Watson Electric Generating Plant	Mississippi	2049	4	12,180	12,180	435	435	1,862	1,893
Watson Electric Generating Plant	Mississippi	2049	5	12,180	12,180	936	936	5,140	4,464
Watson Electric Generating Plant	Mississippi	2049	CTA	12,180	12,180	0	0		
Watson Electric Generating Plant	Mississippi	2049	CTB	12,180	12,180	0	0		
Asbury	Missouri	2076	1	22,104	19,833	411	368	2,095	2,240
Audrain Power Plant	Missouri	55234	CT1	22,104	19,833	5	4		
Audrain Power Plant	Missouri	55234	CT2	22,104	19,833	4	4		
Audrain Power Plant	Missouri	55234	CT3	22,104	19,833	5	4		
Audrain Power Plant	Missouri	55234	CT4	22,104	19,833	4	4		
Audrain Power Plant	Missouri	55234	CT5	22,104	19,833	4	3		
Audrain Power Plant	Missouri	55234	CT6	22,104	19,833	3	3		
Audrain Power Plant	Missouri	55234	CT7	22,104	19,833	3	2		
Audrain Power Plant	Missouri	55234	CT8	22,104	19,833	3	2		
Blue Valley	Missouri	2132	3	22,104	19,833	68	61	202	183
Chamois Power Plant	Missouri	2169	2	22,104	19,833	106	95	659	647
Chillicothe	Missouri	2122	GT1A	22,104	19,833	0	0		
Chillicothe	Missouri	2122	GT1B	22,104	19,833	0	0		
Chillicothe	Missouri	2122	GT2A	22,104	19,833	0	0		
Chillicothe	Missouri	2122	GT2B	22,104	19,833	0	0		
Columbia	Missouri	2123	6	22,104	19,833	19	17	73	78

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Sweatt Electric Generating Plant	Mississippi	2048	CTB				0	0	0
Sylvarena Generating Plant	Mississippi	7989	1	12	10	13	5	9	8
Sylvarena Generating Plant	Mississippi	7989	2	17	19	13	7	9	11
Sylvarena Generating Plant	Mississippi	7989	3	21	18	18	6	12	9
Watson Electric Generating Plant	Mississippi	2049	1	6	5	9	4		0
Watson Electric Generating Plant	Mississippi	2049	2	8	5	8	5		0
Watson Electric Generating Plant	Mississippi	2049	3	15	6	7	4		
Watson Electric Generating Plant	Mississippi	2049	4	1,540	2,127	2,024	2,184	1,008	564
Watson Electric Generating Plant	Mississippi	2049	5	3,457	5,403	5,514	3,646	1,874	2,393
Watson Electric Generating Plant	Mississippi	2049	CTA				0	0	0
Watson Electric Generating Plant	Mississippi	2049	CTB				0	0	0
Asbury	Missouri	2076	1	1,922	2,218	2,135	2,308	282	461
Audrain Power Plant	Missouri	55234	CT1	1	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT2	1	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT3	1	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT4	1	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT5	0	1	1	0	0	1
Audrain Power Plant	Missouri	55234	CT6	0	1	1	0	0	1
Audrain Power Plant	Missouri	55234	CT7	0	0	0	0	0	1
Audrain Power Plant	Missouri	55234	CT8	0	1	0	0	0	1
Blue Valley	Missouri	2132	3	148	215	163	148	29	36
Chamois Power Plant	Missouri	2169	2	614	649	781	696	667	711
Chillicothe	Missouri	2122	GT1A				0	0	1
Chillicothe	Missouri	2122	GT1B				0	0	1
Chillicothe	Missouri	2122	GT2A					0	1
Chillicothe	Missouri	2122	GT2B				0	0	1
Columbia	Missouri	2123	6	52	75	90	92	47	1

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Sweatt Electric Generating Plant	Mississippi	2048	CTB	0					
Sylvarena Generating Plant	Mississippi	7989	1	13					
Sylvarena Generating Plant	Mississippi	7989	2	19					
Sylvarena Generating Plant	Mississippi	7989	3	21					
Watson Electric Generating Plant	Mississippi	2049	1	9					
Watson Electric Generating Plant	Mississippi	2049	2	8					
Watson Electric Generating Plant	Mississippi	2049	3	29					
Watson Electric Generating Plant	Mississippi	2049	4	2,184					
Watson Electric Generating Plant	Mississippi	2049	5	5,514					
Watson Electric Generating Plant	Mississippi	2049	CTA	0					
Watson Electric Generating Plant	Mississippi	2049	CTB	0					
Asbury	Missouri	2076	1	2,308					
Audrain Power Plant	Missouri	55234	CT1	1					
Audrain Power Plant	Missouri	55234	CT2	1					
Audrain Power Plant	Missouri	55234	CT3	1					
Audrain Power Plant	Missouri	55234	CT4	1					
Audrain Power Plant	Missouri	55234	CT5	1					
Audrain Power Plant	Missouri	55234	CT6	1					
Audrain Power Plant	Missouri	55234	CT7	1					
Audrain Power Plant	Missouri	55234	CT8	1					
Blue Valley	Missouri	2132	3	215					
Chamois Power Plant	Missouri	2169	2	781					
Chillicothe	Missouri	2122	GT1A	1					
Chillicothe	Missouri	2122	GT1B	1					
Chillicothe	Missouri	2122	GT2A	1					
Chillicothe	Missouri	2122	GT2B	1					
Columbia	Missouri	2123	6	92					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Sweatt Electric Generating Plant	Mississippi	2048	CTB			0	0
Sylvarena Generating Plant	Mississippi	7989	1			13	13
Sylvarena Generating Plant	Mississippi	7989	2			19	19
Sylvarena Generating Plant	Mississippi	7989	3			21	21
Watson Electric Generating Plant	Mississippi	2049	1			7	7
Watson Electric Generating Plant	Mississippi	2049	2			8	8
Watson Electric Generating Plant	Mississippi	2049	3			9	9
Watson Electric Generating Plant	Mississippi	2049	4			691	691
Watson Electric Generating Plant	Mississippi	2049	5			1,487	1,487
Watson Electric Generating Plant	Mississippi	2049	CTA			0	0
Watson Electric Generating Plant	Mississippi	2049	CTB			0	0
Asbury	Missouri	2076	1			466	444
Audrain Power Plant	Missouri	55234	CT1			1	1
Audrain Power Plant	Missouri	55234	CT2			1	1
Audrain Power Plant	Missouri	55234	CT3			1	1
Audrain Power Plant	Missouri	55234	CT4			1	1
Audrain Power Plant	Missouri	55234	CT5			1	1
Audrain Power Plant	Missouri	55234	CT6			1	1
Audrain Power Plant	Missouri	55234	CT7			1	1
Audrain Power Plant	Missouri	55234	CT8			1	1
Blue Valley	Missouri	2132	3			77	73
Chamois Power Plant	Missouri	2169	2			120	114
Chillicothe	Missouri	2122	GT1A			0	0
Chillicothe	Missouri	2122	GT1B			0	0
Chillicothe	Missouri	2122	GT2A			0	0
Chillicothe	Missouri	2122	GT2B			0	0
Columbia	Missouri	2123	6			21	20

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Sweatt Electric Generating Plant	Mississippi	2048	CTB	0	0	0	0
Sylvarena Generating Plant	Mississippi	7989	1	13	13	13	13
Sylvarena Generating Plant	Mississippi	7989	2	19	19	19	19
Sylvarena Generating Plant	Mississippi	7989	3	21	21	21	21
Watson Electric Generating Plant	Mississippi	2049	1	7	7	7	7
Watson Electric Generating Plant	Mississippi	2049	2	8	8	8	8
Watson Electric Generating Plant	Mississippi	2049	3	9	9	9	9
Watson Electric Generating Plant	Mississippi	2049	4	691	691	691	691
Watson Electric Generating Plant	Mississippi	2049	5	1,487	1,487	1,487	1,487
Watson Electric Generating Plant	Mississippi	2049	CTA	0	0	0	0
Watson Electric Generating Plant	Mississippi	2049	CTB	0	0	0	0
Asbury	Missouri	2076	1	394	394	394	394
Audrain Power Plant	Missouri	55234	CT1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT2	1	1	1	1
Audrain Power Plant	Missouri	55234	CT3	1	1	1	1
Audrain Power Plant	Missouri	55234	CT4	1	1	1	1
Audrain Power Plant	Missouri	55234	CT5	1	1	1	1
Audrain Power Plant	Missouri	55234	CT6	1	1	1	1
Audrain Power Plant	Missouri	55234	CT7	1	1	1	1
Audrain Power Plant	Missouri	55234	CT8	1	1	1	1
Blue Valley	Missouri	2132	3	65	65	65	65
Chamois Power Plant	Missouri	2169	2	101	101	101	101
Chillicothe	Missouri	2122	GT1A	0	0	0	0
Chillicothe	Missouri	2122	GT1B	0	0	0	0
Chillicothe	Missouri	2122	GT2A	0	0	0	0
Chillicothe	Missouri	2122	GT2B	0	0	0	0
Columbia	Missouri	2123	6	18	18	18	18

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Sweatt Electric Generating Plant	Mississippi	2048	CTB				Y		
Sylvarena Generating Plant	Mississippi	7989	1				Y		
Sylvarena Generating Plant	Mississippi	7989	2				Y		
Sylvarena Generating Plant	Mississippi	7989	3				Y		
Watson Electric Generating Plant	Mississippi	2049	1				Y		
Watson Electric Generating Plant	Mississippi	2049	2				Y		
Watson Electric Generating Plant	Mississippi	2049	3				Y		
Watson Electric Generating Plant	Mississippi	2049	4				Y		
Watson Electric Generating Plant	Mississippi	2049	5				Y		
Watson Electric Generating Plant	Mississippi	2049	CTA				Y		
Watson Electric Generating Plant	Mississippi	2049	CTB				Y		
Asbury	Missouri	2076	1	Y	Y		Y		
Audrain Power Plant	Missouri	55234	CT1	Y	Y		Y		
Audrain Power Plant	Missouri	55234	CT2	Y	Y		Y		
Audrain Power Plant	Missouri	55234	CT3	Y	Y		Y		
Audrain Power Plant	Missouri	55234	CT4	Y	Y		Y		
Audrain Power Plant	Missouri	55234	CT5	Y	Y		Y		
Audrain Power Plant	Missouri	55234	CT6	Y	Y		Y		
Audrain Power Plant	Missouri	55234	CT7	Y	Y		Y		
Audrain Power Plant	Missouri	55234	CT8	Y	Y		Y		
Blue Valley	Missouri	2132	3	Y	Y		Y		
Chamois Power Plant	Missouri	2169	2	Y	Y		Y		
Chillicothe	Missouri	2122	GT1A	Y	Y		Y		
Chillicothe	Missouri	2122	GT1B	Y	Y		Y		
Chillicothe	Missouri	2122	GT2A	Y	Y		Y		
Chillicothe	Missouri	2122	GT2B	Y	Y		Y		
Columbia	Missouri	2123	6	Y	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Columbia	Missouri	2123	7	1340	851,162	850,210	1,034,448	1,006,513	1,033,389
Columbia	Missouri	2123	8	1341			1,313		2,688
Columbia Energy Center (MO)	Missouri	55447	CT01	4780	74,440	39,181	8,183	9,097	14,881
Columbia Energy Center (MO)	Missouri	55447	CT02	4781	76,291	46,689	7,333	2,138	9,317
Columbia Energy Center (MO)	Missouri	55447	CT03	4782	62,114	29,644	2,854	2,037	12,717
Columbia Energy Center (MO)	Missouri	55447	CT04	4783	34,833	36,329	5,398	5,818	9,402
Dogwood Energy Facility	Missouri	55178	CT-1	4069	494,211	3,018,375	4,434,077	3,488,436	3,613,162
Dogwood Energy Facility	Missouri	55178	CT-2	4070	630,582	2,991,982	3,909,239	2,983,092	2,918,099
Empire District Elec Co Energy Ctr	Missouri	6223	1	89857			9,932	10,347	19,504
Empire District Elec Co Energy Ctr	Missouri	6223	2	89858			20,674	14,272	60,484
Empire District Elec Co Energy Ctr	Missouri	6223	3A	9179	204,652	228,755	191,590	264,397	277,744
Empire District Elec Co Energy Ctr	Missouri	6223	3B	9180	226,091	133,476	212,485	262,901	287,761
Empire District Elec Co Energy Ctr	Missouri	6223	4A	9181	230,181	257,438	269,292	307,087	271,326
Empire District Elec Co Energy Ctr	Missouri	6223	4B	9182	238,843	263,512	280,389	307,414	275,369
Essex Power Plant	Missouri	7749	1	3152	227,564	114,395	20,401	85,315	78,726
Fairgrounds	Missouri	2082	CT01	90097			15,067	2,165	2,753
Greenwood Energy Center	Missouri	6074	1	90007			76,574	121,519	98,394
Greenwood Energy Center	Missouri	6074	2	90008			73,789	50,630	86,093
Greenwood Energy Center	Missouri	6074	3	90009			75,470	83,545	156,483
Greenwood Energy Center	Missouri	6074	4	90010			95,313	170,639	119,837
Hawthorn	Missouri	2079	5A	1315	41,839,589	41,215,183	37,701,463	42,522,257	40,666,215
Hawthorn	Missouri	2079	6	1316	7,791	3,643	21,061	10,855	
Hawthorn	Missouri	2079	7	1317	623,020	429,708	121,012	41,566	42,077
Hawthorn	Missouri	2079	8	1318	721,762	398,870	96,809	35,154	56,289
Hawthorn	Missouri	2079	9	1319	2,702,626	3,183,922	2,515,277	1,704,016	1,993,170
Higginsville Municipal Power Plant	Missouri	2131	4A	88446			1,641	1,919	1,962
Higginsville Municipal Power Plant	Missouri	2131	4B	88447			1,578	1,754	2,110

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Columbia	Missouri	2123	7	1,024,783	835,446,021	0.001227	203,317	160,963
Columbia	Missouri	2123	8	2,000	835,446,021	0.000002	203,317	160,963
Columbia Energy Center (MO)	Missouri	55447	CT01	42,834	835,446,021	0.000051	203,317	160,963
Columbia Energy Center (MO)	Missouri	55447	CT02	44,099	835,446,021	0.000053	203,317	160,963
Columbia Energy Center (MO)	Missouri	55447	CT03	34,825	835,446,021	0.000042	203,317	160,963
Columbia Energy Center (MO)	Missouri	55447	CT04	26,855	835,446,021	0.000032	203,317	160,963
Dogwood Energy Facility	Missouri	55178	CT-1	3,845,225	835,446,021	0.004603	203,317	160,963
Dogwood Energy Facility	Missouri	55178	CT-2	3,294,771	835,446,021	0.003944	203,317	160,963
Empire District Elec Co Energy Ctr	Missouri	6223	1	13,261	835,446,021	0.000016	203,317	160,963
Empire District Elec Co Energy Ctr	Missouri	6223	2	31,810	835,446,021	0.000038	203,317	160,963
Empire District Elec Co Energy Ctr	Missouri	6223	3A	256,965	835,446,021	0.000308	203,317	160,963
Empire District Elec Co Energy Ctr	Missouri	6223	3B	258,918	835,446,021	0.000310	203,317	160,963
Empire District Elec Co Energy Ctr	Missouri	6223	4A	282,568	835,446,021	0.000338	203,317	160,963
Empire District Elec Co Energy Ctr	Missouri	6223	4B	287,724	835,446,021	0.000344	203,317	160,963
Essex Power Plant	Missouri	7749	1	142,425	835,446,021	0.000170	203,317	160,963
Fairgrounds	Missouri	2082	CT01	6,662	835,446,021	0.000008	203,317	160,963
Greenwood Energy Center	Missouri	6074	1	98,829	835,446,021	0.000118	203,317	160,963
Greenwood Energy Center	Missouri	6074	2	70,171	835,446,021	0.000084	203,317	160,963
Greenwood Energy Center	Missouri	6074	3	105,166	835,446,021	0.000126	203,317	160,963
Greenwood Energy Center	Missouri	6074	4	128,596	835,446,021	0.000154	203,317	160,963
Hawthorn	Missouri	2079	5A	41,859,009	835,446,021	0.050104	203,317	160,963
Hawthorn	Missouri	2079	6	13,236	835,446,021	0.000016	203,317	160,963
Hawthorn	Missouri	2079	7	391,247	835,446,021	0.000468	203,317	160,963
Hawthorn	Missouri	2079	8	405,814	835,446,021	0.000486	203,317	160,963
Hawthorn	Missouri	2079	9	2,800,608	835,446,021	0.003352	203,317	160,963
Higginsville Municipal Power Plant	Missouri	2131	4A	1,841	835,446,021	0.000002	203,317	160,963
Higginsville Municipal Power Plant	Missouri	2131	4B	1,814	835,446,021	0.000002	203,317	160,963

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Columbia	Missouri	2123	7	50,828	45,818	249	197	62	56
Columbia	Missouri	2123	8	50,828	45,818	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT01	50,828	45,818	10	8	3	2
Columbia Energy Center (MO)	Missouri	55447	CT02	50,828	45,818	11	8	3	2
Columbia Energy Center (MO)	Missouri	55447	CT03	50,828	45,818	8	7	2	2
Columbia Energy Center (MO)	Missouri	55447	CT04	50,828	45,818	7	5	2	1
Dogwood Energy Facility	Missouri	55178	CT-1	50,828	45,818	936	741	234	211
Dogwood Energy Facility	Missouri	55178	CT-2	50,828	45,818	802	635	200	181
Empire District Elec Co Energy Ctr	Missouri	6223	1	50,828	45,818	3	3	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	2	50,828	45,818	8	6	2	2
Empire District Elec Co Energy Ctr	Missouri	6223	3A	50,828	45,818	63	50	16	14
Empire District Elec Co Energy Ctr	Missouri	6223	3B	50,828	45,818	63	50	16	14
Empire District Elec Co Energy Ctr	Missouri	6223	4A	50,828	45,818	69	54	17	15
Empire District Elec Co Energy Ctr	Missouri	6223	4B	50,828	45,818	70	55	18	16
Essex Power Plant	Missouri	7749	1	50,828	45,818	35	27	9	8
Fairgrounds	Missouri	2082	CT01	50,828	45,818	2	1	0	0
Greenwood Energy Center	Missouri	6074	1	50,828	45,818	24	19	6	5
Greenwood Energy Center	Missouri	6074	2	50,828	45,818	17	14	4	4
Greenwood Energy Center	Missouri	6074	3	50,828	45,818	26	20	6	6
Greenwood Energy Center	Missouri	6074	4	50,828	45,818	31	25	8	7
Hawthorn	Missouri	2079	5A	50,828	45,818	10,187	8,065	2,547	2,296
Hawthorn	Missouri	2079	6	50,828	45,818	3	3	1	1
Hawthorn	Missouri	2079	7	50,828	45,818	95	75	24	21
Hawthorn	Missouri	2079	8	50,828	45,818	99	78	25	22
Hawthorn	Missouri	2079	9	50,828	45,818	682	540	170	154
Higginsville Municipal Power Plant	Missouri	2131	4A	50,828	45,818	0	0	0	0
Higginsville Municipal Power Plant	Missouri	2131	4B	50,828	45,818	0	0	0	0

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Columbia	Missouri	2123	7	441	259	594	887	717
Columbia	Missouri	2123	8	0				
Columbia Energy Center (MO)	Missouri	55447	CT01	0	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT02	0	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT03	0	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT04	0	0	0	0	0
Dogwood Energy Facility	Missouri	55178	CT-1	1	1	0	0	1
Dogwood Energy Facility	Missouri	55178	CT-2	1	1	0	0	1
Empire District Elec Co Energy Ctr	Missouri	6223	1					
Empire District Elec Co Energy Ctr	Missouri	6223	2					
Empire District Elec Co Energy Ctr	Missouri	6223	3A	0	0	1	0	0
Empire District Elec Co Energy Ctr	Missouri	6223	3B	0	0	1	0	0
Empire District Elec Co Energy Ctr	Missouri	6223	4A	0	0	1	0	0
Empire District Elec Co Energy Ctr	Missouri	6223	4B	0	0	1	0	0
Essex Power Plant	Missouri	7749	1	0	0	0	0	0
Fairgrounds	Missouri	2082	CT01					
Greenwood Energy Center	Missouri	6074	1					
Greenwood Energy Center	Missouri	6074	2					
Greenwood Energy Center	Missouri	6074	3					
Greenwood Energy Center	Missouri	6074	4					
Hawthorn	Missouri	2079	5A	2,643	2,181	2,141	1,895	1,922
Hawthorn	Missouri	2079	6	0	0	0	0	0
Hawthorn	Missouri	2079	7	0	0	0	0	0
Hawthorn	Missouri	2079	8	0	0	0	0	0
Hawthorn	Missouri	2079	9	0	0	1	1	1
Higginsville Municipal Power Plant	Missouri	2131	4A					
Higginsville Municipal Power Plant	Missouri	2131	4B					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Columbia	Missouri	2123	7	797	752	840	887		
Columbia	Missouri	2123	8			0	0		
Columbia Energy Center (MO)	Missouri	55447	CT01	0	0	0	0		
Columbia Energy Center (MO)	Missouri	55447	CT02	0	0	0	0		
Columbia Energy Center (MO)	Missouri	55447	CT03	0	0	0	0		
Columbia Energy Center (MO)	Missouri	55447	CT04	0	0	0	0		
Dogwood Energy Facility	Missouri	55178	CT-1	1	1	1	1		
Dogwood Energy Facility	Missouri	55178	CT-2	1	1	1	1		
Empire District Elec Co Energy Ctr	Missouri	6223	1		0	0	0		
Empire District Elec Co Energy Ctr	Missouri	6223	2		0	0	0		
Empire District Elec Co Energy Ctr	Missouri	6223	3A	0	0	0	1		
Empire District Elec Co Energy Ctr	Missouri	6223	3B	0	0	0	1		
Empire District Elec Co Energy Ctr	Missouri	6223	4A	0	0	0	1		
Empire District Elec Co Energy Ctr	Missouri	6223	4B	0	0	0	1		
Essex Power Plant	Missouri	7749	1	0	0	0	0		
Fairgrounds	Missouri	2082	CT01		1	1	1		
Greenwood Energy Center	Missouri	6074	1		0	1	1		
Greenwood Energy Center	Missouri	6074	2		0	0	0		
Greenwood Energy Center	Missouri	6074	3		0	0	0		
Greenwood Energy Center	Missouri	6074	4		0	1	1		
Hawthorn	Missouri	2079	5A	1,725	2,016	1,945	2,643		
Hawthorn	Missouri	2079	6	0	0		0		
Hawthorn	Missouri	2079	7	0	0	0	0		
Hawthorn	Missouri	2079	8	0	0	0	0		
Hawthorn	Missouri	2079	9	1	1	1	1		
Higginsville Municipal Power Plant	Missouri	2131	4A		0	0	0		
Higginsville Municipal Power Plant	Missouri	2131	4B		0	0	0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Columbia	Missouri	2123	7					147	71
Columbia	Missouri	2123	8					0	
Columbia Energy Center (MO)	Missouri	55447	CT01					1	0
Columbia Energy Center (MO)	Missouri	55447	CT02					1	0
Columbia Energy Center (MO)	Missouri	55447	CT03					0	0
Columbia Energy Center (MO)	Missouri	55447	CT04					0	0
Dogwood Energy Facility	Missouri	55178	CT-1					23	33
Dogwood Energy Facility	Missouri	55178	CT-2					30	23
Empire District Elec Co Energy Ctr	Missouri	6223	1						
Empire District Elec Co Energy Ctr	Missouri	6223	2						
Empire District Elec Co Energy Ctr	Missouri	6223	3A					4	4
Empire District Elec Co Energy Ctr	Missouri	6223	3B					4	5
Empire District Elec Co Energy Ctr	Missouri	6223	4A					4	4
Empire District Elec Co Energy Ctr	Missouri	6223	4B					4	4
Essex Power Plant	Missouri	7749	1					2	1
Fairgrounds	Missouri	2082	CT01						
Greenwood Energy Center	Missouri	6074	1						
Greenwood Energy Center	Missouri	6074	2						
Greenwood Energy Center	Missouri	6074	3						
Greenwood Energy Center	Missouri	6074	4						
Hawthorn	Missouri	2079	5A					2,445	1,918
Hawthorn	Missouri	2079	6					0	0
Hawthorn	Missouri	2079	7					1	2
Hawthorn	Missouri	2079	8					1	1
Hawthorn	Missouri	2079	9					12	9
Higginsville Municipal Power Plant	Missouri	2131	4A						
Higginsville Municipal Power Plant	Missouri	2131	4B						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Columbia	Missouri	2123	7	166	233	224	277	252
Columbia	Missouri	2123	8				0	
Columbia Energy Center (MO)	Missouri	55447	CT01	0	1	1	0	0
Columbia Energy Center (MO)	Missouri	55447	CT02	1	2	1	0	0
Columbia Energy Center (MO)	Missouri	55447	CT03	1	1	1	0	0
Columbia Energy Center (MO)	Missouri	55447	CT04	0	0	1	0	0
Dogwood Energy Facility	Missouri	55178	CT-1	10	4	23	32	21
Dogwood Energy Facility	Missouri	55178	CT-2	9	6	24	29	17
Empire District Elec Co Energy Ctr	Missouri	6223	1				1	1
Empire District Elec Co Energy Ctr	Missouri	6223	2				1	1
Empire District Elec Co Energy Ctr	Missouri	6223	3A	9	9	10	8	11
Empire District Elec Co Energy Ctr	Missouri	6223	3B	9	9	6	8	9
Empire District Elec Co Energy Ctr	Missouri	6223	4A	9	10	10	11	12
Empire District Elec Co Energy Ctr	Missouri	6223	4B	9	10	11	11	12
Essex Power Plant	Missouri	7749	1	2	9	5	1	4
Fairgrounds	Missouri	2082	CT01				9	1
Greenwood Energy Center	Missouri	6074	1				10	19
Greenwood Energy Center	Missouri	6074	2				10	7
Greenwood Energy Center	Missouri	6074	3				11	11
Greenwood Energy Center	Missouri	6074	4				15	22
Hawthorn	Missouri	2079	5A	1,515	1,513	1,473	1,428	1,576
Hawthorn	Missouri	2079	6	3	0	0	3	1
Hawthorn	Missouri	2079	7	4	7	5	2	1
Hawthorn	Missouri	2079	8	5	8	5	2	1
Hawthorn	Missouri	2079	9	21	20	19	18	12
Higginsville Municipal Power Plant	Missouri	2131	4A				1	1
Higginsville Municipal Power Plant	Missouri	2131	4B				1	1

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Columbia	Missouri	2123	7	234	277				
Columbia	Missouri	2123	8	1	1				
Columbia Energy Center (MO)	Missouri	55447	CT01	0	1				
Columbia Energy Center (MO)	Missouri	55447	CT02	0	2				
Columbia Energy Center (MO)	Missouri	55447	CT03	0	1				
Columbia Energy Center (MO)	Missouri	55447	CT04	0	1				
Dogwood Energy Facility	Missouri	55178	CT-1	27	33				
Dogwood Energy Facility	Missouri	55178	CT-2	21	30				
Empire District Elec Co Energy Ctr	Missouri	6223	1	4	4				
Empire District Elec Co Energy Ctr	Missouri	6223	2	6	6				
Empire District Elec Co Energy Ctr	Missouri	6223	3A	11	11				
Empire District Elec Co Energy Ctr	Missouri	6223	3B	11	11				
Empire District Elec Co Energy Ctr	Missouri	6223	4A	11	12				
Empire District Elec Co Energy Ctr	Missouri	6223	4B	11	12				
Essex Power Plant	Missouri	7749	1	4	9				
Fairgrounds	Missouri	2082	CT01	2	9				
Greenwood Energy Center	Missouri	6074	1	7	19				
Greenwood Energy Center	Missouri	6074	2	6	10				
Greenwood Energy Center	Missouri	6074	3	14	14				
Greenwood Energy Center	Missouri	6074	4	10	22				
Hawthorn	Missouri	2079	5A	1,476	2,445				
Hawthorn	Missouri	2079	6		3				
Hawthorn	Missouri	2079	7	1	7				
Hawthorn	Missouri	2079	8	1	8				
Hawthorn	Missouri	2079	9	16	21				
Higginsville Municipal Power Plant	Missouri	2131	4A	1	1				
Higginsville Municipal Power Plant	Missouri	2131	4B	1	1				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Columbia	Missouri	2123	7				280
Columbia	Missouri	2123	8				0
Columbia Energy Center (MO)	Missouri	55447	CT01				0
Columbia Energy Center (MO)	Missouri	55447	CT02				0
Columbia Energy Center (MO)	Missouri	55447	CT03				0
Columbia Energy Center (MO)	Missouri	55447	CT04				0
Dogwood Energy Facility	Missouri	55178	CT-1				1
Dogwood Energy Facility	Missouri	55178	CT-2				1
Empire District Elec Co Energy Ctr	Missouri	6223	1				0
Empire District Elec Co Energy Ctr	Missouri	6223	2				0
Empire District Elec Co Energy Ctr	Missouri	6223	3A				1
Empire District Elec Co Energy Ctr	Missouri	6223	3B				1
Empire District Elec Co Energy Ctr	Missouri	6223	4A				1
Empire District Elec Co Energy Ctr	Missouri	6223	4B				1
Essex Power Plant	Missouri	7749	1				0
Fairgrounds	Missouri	2082	CT01				1
Greenwood Energy Center	Missouri	6074	1				1
Greenwood Energy Center	Missouri	6074	2				0
Greenwood Energy Center	Missouri	6074	3				0
Greenwood Energy Center	Missouri	6074	4				1
Hawthorn	Missouri	2079	5A				2,643
Hawthorn	Missouri	2079	6				0
Hawthorn	Missouri	2079	7				0
Hawthorn	Missouri	2079	8				0
Hawthorn	Missouri	2079	9				1
Higginsville Municipal Power Plant	Missouri	2131	4A				0
Higginsville Municipal Power Plant	Missouri	2131	4B				0

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Columbia	Missouri	2123	7	215	215	215	215
Columbia	Missouri	2123	8	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT01	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT02	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT03	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT04	0	0	0	0
Dogwood Energy Facility	Missouri	55178	CT-1	1	1	1	1
Dogwood Energy Facility	Missouri	55178	CT-2	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	1	0	0	0	0
Empire District Elec Co Energy Ctr	Missouri	6223	2	0	0	0	0
Empire District Elec Co Energy Ctr	Missouri	6223	3A	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	3B	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	4A	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	4B	1	1	1	1
Essex Power Plant	Missouri	7749	1	0	0	0	0
Fairgrounds	Missouri	2082	CT01	1	1	1	1
Greenwood Energy Center	Missouri	6074	1	1	1	1	1
Greenwood Energy Center	Missouri	6074	2	0	0	0	0
Greenwood Energy Center	Missouri	6074	3	0	0	0	0
Greenwood Energy Center	Missouri	6074	4	1	1	1	1
Hawthorn	Missouri	2079	5A	2,643	2,643	2,643	2,643
Hawthorn	Missouri	2079	6	0	0	0	0
Hawthorn	Missouri	2079	7	0	0	0	0
Hawthorn	Missouri	2079	8	0	0	0	0
Hawthorn	Missouri	2079	9	1	1	1	1
Higginsville Municipal Power Plant	Missouri	2131	4A	0	0	0	0
Higginsville Municipal Power Plant	Missouri	2131	4B	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Columbia	Missouri	2123	7	70	67	60	60
Columbia	Missouri	2123	8	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT01	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT02	2	2	2	2
Columbia Energy Center (MO)	Missouri	55447	CT03	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT04	1	1	1	1
Dogwood Energy Facility	Missouri	55178	CT-1	33	33	33	33
Dogwood Energy Facility	Missouri	55178	CT-2	30	30	30	30
Empire District Elec Co Energy Ctr	Missouri	6223	1	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	2	2	2	2	2
Empire District Elec Co Energy Ctr	Missouri	6223	3A	11	11	11	11
Empire District Elec Co Energy Ctr	Missouri	6223	3B	11	11	11	11
Empire District Elec Co Energy Ctr	Missouri	6223	4A	12	12	12	12
Empire District Elec Co Energy Ctr	Missouri	6223	4B	12	12	12	12
Essex Power Plant	Missouri	7749	1	9	9	8	8
Fairgrounds	Missouri	2082	CT01	0	0	0	0
Greenwood Energy Center	Missouri	6074	1	7	6	6	6
Greenwood Energy Center	Missouri	6074	2	5	5	4	4
Greenwood Energy Center	Missouri	6074	3	7	7	6	6
Greenwood Energy Center	Missouri	6074	4	9	8	8	8
Hawthorn	Missouri	2079	5A	2,445	2,445	2,445	2,445
Hawthorn	Missouri	2079	6	1	1	1	1
Hawthorn	Missouri	2079	7	7	7	7	7
Hawthorn	Missouri	2079	8	8	8	8	8
Hawthorn	Missouri	2079	9	21	21	21	21
Higginsville Municipal Power Plant	Missouri	2131	4A	0	0	0	0
Higginsville Municipal Power Plant	Missouri	2131	4B	0	0	0	0

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Columbia	Missouri	2123	7	60	60	470,414	393,659	383,027
Columbia	Missouri	2123	8	0	0			1,313
Columbia Energy Center (MO)	Missouri	55447	CT01	1	1	58,611	32,274	7,372
Columbia Energy Center (MO)	Missouri	55447	CT02	2	2	63,735	36,154	6,392
Columbia Energy Center (MO)	Missouri	55447	CT03	1	1	54,780	23,826	2,432
Columbia Energy Center (MO)	Missouri	55447	CT04	1	1	33,918	29,984	4,830
Dogwood Energy Facility	Missouri	55178	CT-1	33	33	494,211	2,772,398	1,844,006
Dogwood Energy Facility	Missouri	55178	CT-2	30	30	630,582	2,348,759	2,015,653
Empire District Elec Co Energy Ctr	Missouri	6223	1	1	1			5,396
Empire District Elec Co Energy Ctr	Missouri	6223	2	2	2			11,753
Empire District Elec Co Energy Ctr	Missouri	6223	3A	11	11	92,414	102,772	104,398
Empire District Elec Co Energy Ctr	Missouri	6223	3B	11	11	121,749	26,609	124,953
Empire District Elec Co Energy Ctr	Missouri	6223	4A	12	12	133,784	133,040	132,071
Empire District Elec Co Energy Ctr	Missouri	6223	4B	12	12	136,473	131,507	150,661
Essex Power Plant	Missouri	7749	1	8	8	208,899	114,395	5,785
Fairgrounds	Missouri	2082	CT01	0	0			820
Greenwood Energy Center	Missouri	6074	1	6	6			28,161
Greenwood Energy Center	Missouri	6074	2	4	4			33,597
Greenwood Energy Center	Missouri	6074	3	6	6			17,834
Greenwood Energy Center	Missouri	6074	4	8	8			19,058
Hawthorn	Missouri	2079	5A	2,445	2,445	17,641,777	18,841,674	18,063,383
Hawthorn	Missouri	2079	6	1	1	7,791	3,643	21,061
Hawthorn	Missouri	2079	7	7	7	518,948	238,022	32,965
Hawthorn	Missouri	2079	8	8	8	578,642	231,926	29,680
Hawthorn	Missouri	2079	9	21	21	2,371,892	2,986,314	1,378,330
Higginsville Municipal Power Plant	Missouri	2131	4A	0	0			514
Higginsville Municipal Power Plant	Missouri	2131	4B	0	0			493

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Columbia	Missouri	2123	7	482,812	378,722	448,962	372,941,836	0.001204
Columbia	Missouri	2123	8		2,688	2,000	372,941,836	0.000005
Columbia Energy Center (MO)	Missouri	55447	CT01	9,097	14,757	35,214	372,941,836	0.000094
Columbia Energy Center (MO)	Missouri	55447	CT02	2,138	7,783	35,891	372,941,836	0.000096
Columbia Energy Center (MO)	Missouri	55447	CT03	2,037	11,994	30,200	372,941,836	0.000081
Columbia Energy Center (MO)	Missouri	55447	CT04	5,818	9,402	24,435	372,941,836	0.000066
Dogwood Energy Facility	Missouri	55178	CT-1	1,722,977	2,785,776	2,467,393	372,941,836	0.006616
Dogwood Energy Facility	Missouri	55178	CT-2	1,848,516	2,581,461	2,315,291	372,941,836	0.006208
Empire District Elec Co Energy Ctr	Missouri	6223	1		19,504	12,450	372,941,836	0.000033
Empire District Elec Co Energy Ctr	Missouri	6223	2	12,288	51,626	25,222	372,941,836	0.000068
Empire District Elec Co Energy Ctr	Missouri	6223	3A	152,349	119,728	125,491	372,941,836	0.000336
Empire District Elec Co Energy Ctr	Missouri	6223	3B	123,158	124,269	124,127	372,941,836	0.000333
Empire District Elec Co Energy Ctr	Missouri	6223	4A	157,381	143,229	144,798	372,941,836	0.000388
Empire District Elec Co Energy Ctr	Missouri	6223	4B	167,533	145,145	154,446	372,941,836	0.000414
Essex Power Plant	Missouri	7749	1	14,251	64,931	129,408	372,941,836	0.000347
Fairgrounds	Missouri	2082	CT01	160	2,753	1,244	372,941,836	0.000003
Greenwood Energy Center	Missouri	6074	1	32,219	58,586	39,655	372,941,836	0.000106
Greenwood Energy Center	Missouri	6074	2	14,657	55,751	34,668	372,941,836	0.000093
Greenwood Energy Center	Missouri	6074	3	14,701	112,687	48,407	372,941,836	0.000130
Greenwood Energy Center	Missouri	6074	4	65,894	78,451	54,468	372,941,836	0.000146
Hawthorn	Missouri	2079	5A	19,070,178	19,196,335	19,036,062	372,941,836	0.051043
Hawthorn	Missouri	2079	6	10,855		13,236	372,941,836	0.000035
Hawthorn	Missouri	2079	7	18,317	42,077	266,349	372,941,836	0.000714
Hawthorn	Missouri	2079	8	20,703	53,367	287,978	372,941,836	0.000772
Hawthorn	Missouri	2079	9	1,581,033	1,975,100	2,444,435	372,941,836	0.006554
Higginsville Municipal Power Plant	Missouri	2131	4A	819	827	720	372,941,836	0.000002
Higginsville Municipal Power Plant	Missouri	2131	4B	769	815	692	372,941,836	0.000002

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Columbia	Missouri	2123	7	22,104	19,833	27	24	95	65
Columbia	Missouri	2123	8	22,104	19,833	0	0	0	
Columbia Energy Center (MO)	Missouri	55447	CT01	22,104	19,833	2	2	1	0
Columbia Energy Center (MO)	Missouri	55447	CT02	22,104	19,833	2	2	0	0
Columbia Energy Center (MO)	Missouri	55447	CT03	22,104	19,833	2	2	0	0
Columbia Energy Center (MO)	Missouri	55447	CT04	22,104	19,833	1	1	0	0
Dogwood Energy Facility	Missouri	55178	CT-1	22,104	19,833	146	131	18	23
Dogwood Energy Facility	Missouri	55178	CT-2	22,104	19,833	137	123	16	16
Empire District Elec Co Energy Ctr	Missouri	6223	1	22,104	19,833	1	1		
Empire District Elec Co Energy Ctr	Missouri	6223	2	22,104	19,833	1	1		
Empire District Elec Co Energy Ctr	Missouri	6223	3A	22,104	19,833	7	7	3	2
Empire District Elec Co Energy Ctr	Missouri	6223	3B	22,104	19,833	7	7	3	2
Empire District Elec Co Energy Ctr	Missouri	6223	4A	22,104	19,833	9	8	3	2
Empire District Elec Co Energy Ctr	Missouri	6223	4B	22,104	19,833	9	8	4	3
Essex Power Plant	Missouri	7749	1	22,104	19,833	8	7	2	1
Fairgrounds	Missouri	2082	CT01	22,104	19,833	0	0		
Greenwood Energy Center	Missouri	6074	1	22,104	19,833	2	2		
Greenwood Energy Center	Missouri	6074	2	22,104	19,833	2	2		
Greenwood Energy Center	Missouri	6074	3	22,104	19,833	3	3		
Greenwood Energy Center	Missouri	6074	4	22,104	19,833	3	3		
Hawthorn	Missouri	2079	5A	22,104	19,833	1,128	1,012	1,082	695
Hawthorn	Missouri	2079	6	22,104	19,833	1	1	0	0
Hawthorn	Missouri	2079	7	22,104	19,833	16	14	1	2
Hawthorn	Missouri	2079	8	22,104	19,833	17	15	1	1
Hawthorn	Missouri	2079	9	22,104	19,833	145	130	11	9
Higginsville Municipal Power Plant	Missouri	2131	4A	22,104	19,833	0	0		
Higginsville Municipal Power Plant	Missouri	2131	4B	22,104	19,833	0	0		

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Columbia	Missouri	2123	7	105	129	106	104	122	83
Columbia	Missouri	2123	8				0		1
Columbia Energy Center (MO)	Missouri	55447	CT01	0	1	1	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT02	1	1	1	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT03	0	1	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT04	0	0	0	0	0	0
Dogwood Energy Facility	Missouri	55178	CT-1	7	4	21	13	10	20
Dogwood Energy Facility	Missouri	55178	CT-2	6	6	18	15	11	18
Empire District Elec Co Energy Ctr	Missouri	6223	1				0		4
Empire District Elec Co Energy Ctr	Missouri	6223	2				1	1	5
Empire District Elec Co Energy Ctr	Missouri	6223	3A	6	4	4	4	6	5
Empire District Elec Co Energy Ctr	Missouri	6223	3B	6	5	1	5	4	5
Empire District Elec Co Energy Ctr	Missouri	6223	4A	5	6	5	5	6	5
Empire District Elec Co Energy Ctr	Missouri	6223	4B	5	5	5	6	6	6
Essex Power Plant	Missouri	7749	1	2	8	5	0	1	3
Fairgrounds	Missouri	2082	CT01				0	0	2
Greenwood Energy Center	Missouri	6074	1				4	4	4
Greenwood Energy Center	Missouri	6074	2				4	2	4
Greenwood Energy Center	Missouri	6074	3				2	2	10
Greenwood Energy Center	Missouri	6074	4				3	8	7
Hawthorn	Missouri	2079	5A	500	638	674	681	694	697
Hawthorn	Missouri	2079	6	3	0	0	3	1	
Hawthorn	Missouri	2079	7	4	6	3	0	0	1
Hawthorn	Missouri	2079	8	5	7	3	0	0	1
Hawthorn	Missouri	2079	9	21	17	18	11	12	15
Higginsville Municipal Power Plant	Missouri	2131	4A				0	0	0
Higginsville Municipal Power Plant	Missouri	2131	4B				0	0	0

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Columbia	Missouri	2123	7	129					
Columbia	Missouri	2123	8	1					
Columbia Energy Center (MO)	Missouri	55447	CT01	1					
Columbia Energy Center (MO)	Missouri	55447	CT02	1					
Columbia Energy Center (MO)	Missouri	55447	CT03	1					
Columbia Energy Center (MO)	Missouri	55447	CT04	0					
Dogwood Energy Facility	Missouri	55178	CT-1	23					
Dogwood Energy Facility	Missouri	55178	CT-2	18					
Empire District Elec Co Energy Ctr	Missouri	6223	1	4					
Empire District Elec Co Energy Ctr	Missouri	6223	2	5					
Empire District Elec Co Energy Ctr	Missouri	6223	3A	6					
Empire District Elec Co Energy Ctr	Missouri	6223	3B	6					
Empire District Elec Co Energy Ctr	Missouri	6223	4A	6					
Empire District Elec Co Energy Ctr	Missouri	6223	4B	6					
Essex Power Plant	Missouri	7749	1	8					
Fairgrounds	Missouri	2082	CT01	2					
Greenwood Energy Center	Missouri	6074	1	4					
Greenwood Energy Center	Missouri	6074	2	4					
Greenwood Energy Center	Missouri	6074	3	10					
Greenwood Energy Center	Missouri	6074	4	8					
Hawthorn	Missouri	2079	5A	1,082					
Hawthorn	Missouri	2079	6	3					
Hawthorn	Missouri	2079	7	6					
Hawthorn	Missouri	2079	8	7					
Hawthorn	Missouri	2079	9	21					
Higginsville Municipal Power Plant	Missouri	2131	4A	0					
Higginsville Municipal Power Plant	Missouri	2131	4B	0					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Columbia	Missouri	2123	7			30	29
Columbia	Missouri	2123	8			0	0
Columbia Energy Center (MO)	Missouri	55447	CT01			1	1
Columbia Energy Center (MO)	Missouri	55447	CT02			1	1
Columbia Energy Center (MO)	Missouri	55447	CT03			1	1
Columbia Energy Center (MO)	Missouri	55447	CT04			0	0
Dogwood Energy Facility	Missouri	55178	CT-1			23	23
Dogwood Energy Facility	Missouri	55178	CT-2			18	18
Empire District Elec Co Energy Ctr	Missouri	6223	1			1	1
Empire District Elec Co Energy Ctr	Missouri	6223	2			2	2
Empire District Elec Co Energy Ctr	Missouri	6223	3A			6	6
Empire District Elec Co Energy Ctr	Missouri	6223	3B			6	6
Empire District Elec Co Energy Ctr	Missouri	6223	4A			6	6
Empire District Elec Co Energy Ctr	Missouri	6223	4B			6	6
Essex Power Plant	Missouri	7749	1			8	8
Fairgrounds	Missouri	2082	CT01			0	0
Greenwood Energy Center	Missouri	6074	1			3	3
Greenwood Energy Center	Missouri	6074	2			2	2
Greenwood Energy Center	Missouri	6074	3			3	3
Greenwood Energy Center	Missouri	6074	4			4	3
Hawthorn	Missouri	2079	5A			1,082	1,082
Hawthorn	Missouri	2079	6			1	1
Hawthorn	Missouri	2079	7			6	6
Hawthorn	Missouri	2079	8			7	7
Hawthorn	Missouri	2079	9			21	21
Higginsville Municipal Power Plant	Missouri	2131	4A			0	0
Higginsville Municipal Power Plant	Missouri	2131	4B			0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Columbia	Missouri	2123	7	26	26	26	26
Columbia	Missouri	2123	8	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT01	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT02	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT03	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT04	0	0	0	0
Dogwood Energy Facility	Missouri	55178	CT-1	23	23	23	23
Dogwood Energy Facility	Missouri	55178	CT-2	18	18	18	18
Empire District Elec Co Energy Ctr	Missouri	6223	1	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	2	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	3A	6	6	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	3B	6	6	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	4A	6	6	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	4B	6	6	6	6
Essex Power Plant	Missouri	7749	1	7	7	7	7
Fairgrounds	Missouri	2082	CT01	0	0	0	0
Greenwood Energy Center	Missouri	6074	1	2	2	2	2
Greenwood Energy Center	Missouri	6074	2	2	2	2	2
Greenwood Energy Center	Missouri	6074	3	3	3	3	3
Greenwood Energy Center	Missouri	6074	4	3	3	3	3
Hawthorn	Missouri	2079	5A	1,082	1,082	1,082	1,082
Hawthorn	Missouri	2079	6	1	1	1	1
Hawthorn	Missouri	2079	7	6	6	6	6
Hawthorn	Missouri	2079	8	7	7	7	7
Hawthorn	Missouri	2079	9	21	21	21	21
Higginsville Municipal Power Plant	Missouri	2131	4A	0	0	0	0
Higginsville Municipal Power Plant	Missouri	2131	4B	0	0	0	0

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Columbia	Missouri	2123	7	Y	Y		Y		
Columbia	Missouri	2123	8	Y	Y		Y		
Columbia Energy Center (MO)	Missouri	55447	CT01	Y	Y		Y		
Columbia Energy Center (MO)	Missouri	55447	CT02	Y	Y		Y		
Columbia Energy Center (MO)	Missouri	55447	CT03	Y	Y		Y		
Columbia Energy Center (MO)	Missouri	55447	CT04	Y	Y		Y		
Dogwood Energy Facility	Missouri	55178	CT-1	Y	Y		Y		
Dogwood Energy Facility	Missouri	55178	CT-2	Y	Y		Y		
Empire District Elec Co Energy Ctr	Missouri	6223	1	Y	Y		Y		
Empire District Elec Co Energy Ctr	Missouri	6223	2	Y	Y		Y		
Empire District Elec Co Energy Ctr	Missouri	6223	3A	Y	Y		Y		
Empire District Elec Co Energy Ctr	Missouri	6223	3B	Y	Y		Y		
Empire District Elec Co Energy Ctr	Missouri	6223	4A	Y	Y		Y		
Empire District Elec Co Energy Ctr	Missouri	6223	4B	Y	Y		Y		
Essex Power Plant	Missouri	7749	1	Y	Y		Y		
Fairgrounds	Missouri	2082	CT01	Y	Y		Y		
Greenwood Energy Center	Missouri	6074	1	Y	Y		Y		
Greenwood Energy Center	Missouri	6074	2	Y	Y		Y		
Greenwood Energy Center	Missouri	6074	3	Y	Y		Y		
Greenwood Energy Center	Missouri	6074	4	Y	Y		Y		
Hawthorn	Missouri	2079	5A	Y	Y		Y		
Hawthorn	Missouri	2079	6	Y	Y		Y		
Hawthorn	Missouri	2079	7	Y	Y		Y		
Hawthorn	Missouri	2079	8	Y	Y		Y		
Hawthorn	Missouri	2079	9	Y	Y		Y		
Higginsville Municipal Power Plant	Missouri	2131	4A	Y	Y		Y		
Higginsville Municipal Power Plant	Missouri	2131	4B	Y	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Holden Power Plant	Missouri	7848	1	3316	240,735	229,097	351,901	339,651	213,497
Holden Power Plant	Missouri	7848	2	3317	289,766	238,828	363,950	332,992	245,991
Holden Power Plant	Missouri	7848	3	3318	250,078	204,532	353,644	303,469	161,065
Howard Bend	Missouri	2102	CT1A	89687			1,003	4,784	1,709
Howard Bend	Missouri	2102	CT1B	89688			799	6,915	1,917
Iatan	Missouri	6065	1	2733	52,608,092	43,150,169	41,574,312	47,397,070	58,843,047
James River	Missouri	2161	**GT1	89860			63,522	32,885	240,589
James River	Missouri	2161	**GT2	1350	260,408	178,594	53,546	30,570	228,190
James River	Missouri	2161	3	1351	3,813,966	3,420,726	3,416,430	2,629,916	2,898,367
James River	Missouri	2161	4	1352	4,387,066	3,591,059	4,088,149	3,259,622	3,615,919
James River	Missouri	2161	5	1353	7,742,468	6,598,750	7,676,731	6,078,482	6,924,568
Labadie	Missouri	2103	1	1328	41,049,778	43,227,034	30,651,428	41,660,850	44,328,424
Labadie	Missouri	2103	2	1329	43,293,189	45,084,677	42,918,555	41,462,594	43,806,471
Labadie	Missouri	2103	3	1330	41,856,203	46,088,525	45,434,016	40,684,655	45,915,202
Labadie	Missouri	2103	4	1331	43,958,266	48,001,366	46,587,141	42,418,175	47,076,798
Lake Road	Missouri	2098	6	1327	5,987,858	8,041,985	7,225,590	5,370,927	5,484,201
Lake Road	Missouri	2098	GT5	89948			12,240	19,492	65,553
McCartney Generating Station	Missouri	7903	MGS1A	3361	188,031	135,422	104,187	71,487	202,837
McCartney Generating Station	Missouri	7903	MGS1B	3362	180,750	139,419	100,653	71,636	199,757
McCartney Generating Station	Missouri	7903	MGS2A	3363	155,645	134,520	101,878	71,453	200,087
McCartney Generating Station	Missouri	7903	MGS2B	3364	159,829	131,094	100,026	71,602	201,652
Meramec	Missouri	2104	1	1332	11,234,109	11,364,004	10,592,481	9,766,973	9,689,623
Meramec	Missouri	2104	2	1333	10,387,942	10,254,980	10,638,183	8,964,277	8,728,481
Meramec	Missouri	2104	3	1334	17,599,083	19,739,118	17,778,312	16,094,780	17,689,796
Meramec	Missouri	2104	4	1335	25,379,645	26,180,272	25,403,655	23,752,160	22,302,014
Meramec	Missouri	2104	CT01	89684			4,268		3,849
Meramec	Missouri	2104	CT2A	89685			7,329	7,718	7,394

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Holden Power Plant	Missouri	7848	1	310,762	835,446,021	0.000372	203,317	160,963
Holden Power Plant	Missouri	7848	2	328,903	835,446,021	0.000394	203,317	160,963
Holden Power Plant	Missouri	7848	3	302,397	835,446,021	0.000362	203,317	160,963
Howard Bend	Missouri	2102	CT1A	2,499	835,446,021	0.000003	203,317	160,963
Howard Bend	Missouri	2102	CT1B	3,210	835,446,021	0.000004	203,317	160,963
Iatan	Missouri	6065	1	52,949,403	835,446,021	0.063379	203,317	160,963
James River	Missouri	2161	**GT1	112,332	835,446,021	0.000134	203,317	160,963
James River	Missouri	2161	**GT2	222,397	835,446,021	0.000266	203,317	160,963
James River	Missouri	2161	3	3,550,374	835,446,021	0.004250	203,317	160,963
James River	Missouri	2161	4	4,030,378	835,446,021	0.004824	203,317	160,963
James River	Missouri	2161	5	7,447,923	835,446,021	0.008915	203,317	160,963
Labadie	Missouri	2103	1	43,072,103	835,446,021	0.051556	203,317	160,963
Labadie	Missouri	2103	2	44,061,446	835,446,021	0.052740	203,317	160,963
Labadie	Missouri	2103	3	45,812,581	835,446,021	0.054836	203,317	160,963
Labadie	Missouri	2103	4	47,221,768	835,446,021	0.056523	203,317	160,963
Lake Road	Missouri	2098	6	7,085,144	835,446,021	0.008481	203,317	160,963
Lake Road	Missouri	2098	GT5	32,428	835,446,021	0.000039	203,317	160,963
McCartney Generating Station	Missouri	7903	MGS1A	175,430	835,446,021	0.000210	203,317	160,963
McCartney Generating Station	Missouri	7903	MGS1B	173,309	835,446,021	0.000207	203,317	160,963
McCartney Generating Station	Missouri	7903	MGS2A	163,417	835,446,021	0.000196	203,317	160,963
McCartney Generating Station	Missouri	7903	MGS2B	164,191	835,446,021	0.000197	203,317	160,963
Meramec	Missouri	2104	1	11,063,531	835,446,021	0.013243	203,317	160,963
Meramec	Missouri	2104	2	10,427,035	835,446,021	0.012481	203,317	160,963
Meramec	Missouri	2104	3	18,402,409	835,446,021	0.022027	203,317	160,963
Meramec	Missouri	2104	4	25,654,524	835,446,021	0.030708	203,317	160,963
Meramec	Missouri	2104	CT01	4,059	835,446,021	0.000005	203,317	160,963
Meramec	Missouri	2104	CT2A	7,481	835,446,021	0.000009	203,317	160,963

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Holden Power Plant	Missouri	7848	1	50,828	45,818	76	60	19	17
Holden Power Plant	Missouri	7848	2	50,828	45,818	80	63	20	18
Holden Power Plant	Missouri	7848	3	50,828	45,818	74	58	18	17
Howard Bend	Missouri	2102	CT1A	50,828	45,818	1	0	0	0
Howard Bend	Missouri	2102	CT1B	50,828	45,818	1	1	0	0
Iatan	Missouri	6065	1	50,828	45,818	12,886	10,202	3,221	2,904
James River	Missouri	2161	**GT1	50,828	45,818	27	22	7	6
James River	Missouri	2161	**GT2	50,828	45,818	54	43	14	12
James River	Missouri	2161	3	50,828	45,818	864	684	216	195
James River	Missouri	2161	4	50,828	45,818	981	777	245	221
James River	Missouri	2161	5	50,828	45,818	1,813	1,435	453	408
Labadie	Missouri	2103	1	50,828	45,818	10,482	8,299	2,620	2,362
Labadie	Missouri	2103	2	50,828	45,818	10,723	8,489	2,681	2,416
Labadie	Missouri	2103	3	50,828	45,818	11,149	8,827	2,787	2,512
Labadie	Missouri	2103	4	50,828	45,818	11,492	9,098	2,873	2,590
Lake Road	Missouri	2098	6	50,828	45,818	1,724	1,365	431	389
Lake Road	Missouri	2098	GT5	50,828	45,818	8	6	2	2
McCartney Generating Station	Missouri	7903	MGS1A	50,828	45,818	43	34	11	10
McCartney Generating Station	Missouri	7903	MGS1B	50,828	45,818	42	33	11	10
McCartney Generating Station	Missouri	7903	MGS2A	50,828	45,818	40	31	10	9
McCartney Generating Station	Missouri	7903	MGS2B	50,828	45,818	40	32	10	9
Meramec	Missouri	2104	1	50,828	45,818	2,692	2,132	673	607
Meramec	Missouri	2104	2	50,828	45,818	2,538	2,009	634	572
Meramec	Missouri	2104	3	50,828	45,818	4,478	3,546	1,120	1,009
Meramec	Missouri	2104	4	50,828	45,818	6,243	4,943	1,561	1,407
Meramec	Missouri	2104	CT01	50,828	45,818	1	1	0	0
Meramec	Missouri	2104	CT2A	50,828	45,818	2	1	0	0

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Holden Power Plant	Missouri	7848	1	0	0	0	0	0
Holden Power Plant	Missouri	7848	2	1	0	0	0	0
Holden Power Plant	Missouri	7848	3	0	0	0	0	0
Howard Bend	Missouri	2102	CT1A					
Howard Bend	Missouri	2102	CT1B					
Iatan	Missouri	6065	1	18,400	19,219	19,217	17,518	14,290
James River	Missouri	2161	**GT1					
James River	Missouri	2161	**GT2	0	0	0	0	0
James River	Missouri	2161	3	589	875	915	978	927
James River	Missouri	2161	4	976	1,181	1,216	1,098	949
James River	Missouri	2161	5	2,225	2,154	2,026	1,964	1,728
Labadie	Missouri	2103	1	14,736	14,467	12,784	12,344	13,565
Labadie	Missouri	2103	2	15,864	12,895	13,672	13,041	14,400
Labadie	Missouri	2103	3	11,980	17,540	14,861	12,654	14,766
Labadie	Missouri	2103	4	14,052	15,809	14,185	13,405	15,593
Lake Road	Missouri	2098	6	2,483	2,390	2,613	2,287	3,003
Lake Road	Missouri	2098	GT5					
McCartney Generating Station	Missouri	7903	MGS1A	0	0	0	0	0
McCartney Generating Station	Missouri	7903	MGS1B	0	0	0	0	0
McCartney Generating Station	Missouri	7903	MGS2A	0	0	0	0	0
McCartney Generating Station	Missouri	7903	MGS2B	0	0	0	0	0
Meramec	Missouri	2104	1	2,660	4,493	3,041	3,721	3,847
Meramec	Missouri	2104	2	2,449	3,667	2,920	3,360	3,440
Meramec	Missouri	2104	3	3,991	9,559	5,877	5,340	6,550
Meramec	Missouri	2104	4	6,352	11,966	6,175	8,241	8,930
Meramec	Missouri	2104	CT01					
Meramec	Missouri	2104	CT2A					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Holden Power Plant	Missouri	7848	1	0	0	0	0		
Holden Power Plant	Missouri	7848	2	0	0	0	1		
Holden Power Plant	Missouri	7848	3	0	0	0	0		
Howard Bend	Missouri	2102	CT1A		1	0	1		
Howard Bend	Missouri	2102	CT1B		2	0	2		
Iatan	Missouri	6065	1	15,077	152	152	19,219		
James River	Missouri	2161	**GT1		0	0	0		
James River	Missouri	2161	**GT2	0	0	0	0		
James River	Missouri	2161	3	963	718	792	978		
James River	Missouri	2161	4	1,121	903	999	1,216		
James River	Missouri	2161	5	2,147	1,640	1,884	2,225		
Labadie	Missouri	2103	1	10,652	15,432	16,027	16,027		
Labadie	Missouri	2103	2	14,912	15,271	16,113	16,113		
Labadie	Missouri	2103	3	15,845	15,234	17,230	17,540		
Labadie	Missouri	2103	4	16,518	15,746	17,424	17,424		
Lake Road	Missouri	2098	6	2,908	1,742	1,588	3,003		
Lake Road	Missouri	2098	GT5		0	2	2		
McCartney Generating Station	Missouri	7903	MGS1A	0	0	0	0		
McCartney Generating Station	Missouri	7903	MGS1B	0	0	0	0		
McCartney Generating Station	Missouri	7903	MGS2A	0	0	0	0		
McCartney Generating Station	Missouri	7903	MGS2B	0	0	0	0		
Meramec	Missouri	2104	1	3,354	2,753	2,798	4,493		
Meramec	Missouri	2104	2	3,452	2,527	2,510	3,667		
Meramec	Missouri	2104	3	5,653	4,598	5,087	9,559		
Meramec	Missouri	2104	4	8,370	6,978	6,679	11,966		
Meramec	Missouri	2104	CT01			1	1		
Meramec	Missouri	2104	CT2A		0	0	0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Holden Power Plant	Missouri	7848	1					2	0
Holden Power Plant	Missouri	7848	2					3	0
Holden Power Plant	Missouri	7848	3					1	0
Howard Bend	Missouri	2102	CT1A						
Howard Bend	Missouri	2102	CT1B						
Iatan	Missouri	6065	1					9,965	9,883
James River	Missouri	2161	**GT1						
James River	Missouri	2161	**GT2					5	3
James River	Missouri	2161	3					803	729
James River	Missouri	2161	4					1,231	1,011
James River	Missouri	2161	5					2,017	1,473
Labadie	Missouri	2103	1					2,098	2,260
Labadie	Missouri	2103	2					2,271	2,030
Labadie	Missouri	2103	3					1,805	2,695
Labadie	Missouri	2103	4					2,139	2,593
Lake Road	Missouri	2098	6					2,629	2,577
Lake Road	Missouri	2098	GT5						
McCartney Generating Station	Missouri	7903	MGS1A					3	2
McCartney Generating Station	Missouri	7903	MGS1B					3	2
McCartney Generating Station	Missouri	7903	MGS2A					2	1
McCartney Generating Station	Missouri	7903	MGS2B					2	2
Meramec	Missouri	2104	1					2,073	935
Meramec	Missouri	2104	2					2,108	643
Meramec	Missouri	2104	3					4,335	3,969
Meramec	Missouri	2104	4					2,287	2,462
Meramec	Missouri	2104	CT01						
Meramec	Missouri	2104	CT2A						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Holden Power Plant	Missouri	7848	1	2	3	3	5	4
Holden Power Plant	Missouri	7848	2	2	5	3	6	5
Holden Power Plant	Missouri	7848	3	1	3	3	5	4
Howard Bend	Missouri	2102	CT1A				1	3
Howard Bend	Missouri	2102	CT1B				0	4
Iatan	Missouri	6065	1	8,348	7,652	6,676	6,975	1,923
James River	Missouri	2161	**GT1				7	3
James River	Missouri	2161	**GT2	9	24	18	5	3
James River	Missouri	2161	3	683	711	459	346	196
James River	Missouri	2161	4	1,014	913	497	485	281
James River	Missouri	2161	5	1,493	1,373	1,091	964	504
Labadie	Missouri	2103	1	2,155	2,224	2,321	1,668	2,270
Labadie	Missouri	2103	2	2,324	2,441	2,491	2,495	2,262
Labadie	Missouri	2103	3	2,579	2,344	2,573	2,465	2,296
Labadie	Missouri	2103	4	2,470	2,300	2,613	2,543	2,372
Lake Road	Missouri	2098	6	2,439	2,034	2,714	2,406	1,802
Lake Road	Missouri	2098	GT5				4	7
McCartney Generating Station	Missouri	7903	MGS1A	8	10	9	8	6
McCartney Generating Station	Missouri	7903	MGS1B	7	9	11	8	6
McCartney Generating Station	Missouri	7903	MGS2A	7	8	9	8	7
McCartney Generating Station	Missouri	7903	MGS2B	8	8	8	7	5
Meramec	Missouri	2104	1	685	679	674	642	620
Meramec	Missouri	2104	2	562	554	546	589	521
Meramec	Missouri	2104	3	4,432	3,252	1,941	1,612	1,428
Meramec	Missouri	2104	4	2,068	2,339	2,462	2,487	2,236
Meramec	Missouri	2104	CT01				3	
Meramec	Missouri	2104	CT2A				3	3

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Holden Power Plant	Missouri	7848	1	3	5				
Holden Power Plant	Missouri	7848	2	5	6				
Holden Power Plant	Missouri	7848	3	3	5				
Howard Bend	Missouri	2102	CT1A	1	3				
Howard Bend	Missouri	2102	CT1B	1	4				
Iatan	Missouri	6065	1	2,122	9,965				
James River	Missouri	2161	**GT1	16	16				
James River	Missouri	2161	**GT2	18	24				
James River	Missouri	2161	3	261	803				
James River	Missouri	2161	4	389	1,231				
James River	Missouri	2161	5	707	2,017				
Labadie	Missouri	2103	1	2,245	2,321				
Labadie	Missouri	2103	2	2,393	2,495				
Labadie	Missouri	2103	3	2,548	2,695				
Labadie	Missouri	2103	4	2,611	2,613				
Lake Road	Missouri	2098	6	1,860	2,714				
Lake Road	Missouri	2098	GT5	25	25				
McCartney Generating Station	Missouri	7903	MGS1A	12	12				
McCartney Generating Station	Missouri	7903	MGS1B	12	12				
McCartney Generating Station	Missouri	7903	MGS2A	13	13				
McCartney Generating Station	Missouri	7903	MGS2B	12	12				
Meramec	Missouri	2104	1	576	2,073				
Meramec	Missouri	2104	2	493	2,108				
Meramec	Missouri	2104	3	1,516	4,432				
Meramec	Missouri	2104	4	2,041	2,487				
Meramec	Missouri	2104	CT01	2	3				
Meramec	Missouri	2104	CT2A	3	3				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Holden Power Plant	Missouri	7848	1				0
Holden Power Plant	Missouri	7848	2				1
Holden Power Plant	Missouri	7848	3				0
Howard Bend	Missouri	2102	CT1A				1
Howard Bend	Missouri	2102	CT1B				1
Iatan	Missouri	6065	1				14,447
James River	Missouri	2161	**GT1				0
James River	Missouri	2161	**GT2				0
James River	Missouri	2161	3				969
James River	Missouri	2161	4				1,100
James River	Missouri	2161	5				2,032
Labadie	Missouri	2103	1				11,752
Labadie	Missouri	2103	2				12,022
Labadie	Missouri	2103	3				12,500
Labadie	Missouri	2103	4				12,884
Lake Road	Missouri	2098	6				1,933
Lake Road	Missouri	2098	GT5				2
McCartney Generating Station	Missouri	7903	MGS1A				0
McCartney Generating Station	Missouri	7903	MGS1B				0
McCartney Generating Station	Missouri	7903	MGS2A				0
McCartney Generating Station	Missouri	7903	MGS2B				0
Meramec	Missouri	2104	1				3,019
Meramec	Missouri	2104	2				2,845
Meramec	Missouri	2104	3				5,021
Meramec	Missouri	2104	4				7,000
Meramec	Missouri	2104	CT01				1
Meramec	Missouri	2104	CT2A				0

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Holden Power Plant	Missouri	7848	1	0	0	0	0
Holden Power Plant	Missouri	7848	2	1	1	1	1
Holden Power Plant	Missouri	7848	3	0	0	0	0
Howard Bend	Missouri	2102	CT1A	1	1	1	1
Howard Bend	Missouri	2102	CT1B	1	1	1	1
Iatan	Missouri	6065	1	11,133	11,133	11,133	11,133
James River	Missouri	2161	**GT1	0	0	0	0
James River	Missouri	2161	**GT2	0	0	0	0
James River	Missouri	2161	3	747	747	747	747
James River	Missouri	2161	4	847	847	847	847
James River	Missouri	2161	5	1,566	1,566	1,566	1,566
Labadie	Missouri	2103	1	9,056	9,056	9,056	9,056
Labadie	Missouri	2103	2	9,265	9,265	9,265	9,265
Labadie	Missouri	2103	3	9,633	9,633	9,633	9,633
Labadie	Missouri	2103	4	9,929	9,929	9,929	9,929
Lake Road	Missouri	2098	6	1,490	1,490	1,490	1,490
Lake Road	Missouri	2098	GT5	2	2	2	2
McCartney Generating Station	Missouri	7903	MGS1A	0	0	0	0
McCartney Generating Station	Missouri	7903	MGS1B	0	0	0	0
McCartney Generating Station	Missouri	7903	MGS2A	0	0	0	0
McCartney Generating Station	Missouri	7903	MGS2B	0	0	0	0
Meramec	Missouri	2104	1	2,326	2,326	2,326	2,326
Meramec	Missouri	2104	2	2,192	2,192	2,192	2,192
Meramec	Missouri	2104	3	3,869	3,869	3,869	3,869
Meramec	Missouri	2104	4	5,394	5,394	5,394	5,394
Meramec	Missouri	2104	CT01	1	1	1	1
Meramec	Missouri	2104	CT2A	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Holden Power Plant	Missouri	7848	1	5	5	5	5
Holden Power Plant	Missouri	7848	2	6	6	6	6
Holden Power Plant	Missouri	7848	3	5	5	5	5
Howard Bend	Missouri	2102	CT1A	0	0	0	0
Howard Bend	Missouri	2102	CT1B	0	0	0	0
Iatan	Missouri	6065	1	3,634	3,464	3,094	3,094
James River	Missouri	2161	**GT1	8	7	7	7
James River	Missouri	2161	**GT2	15	15	13	13
James River	Missouri	2161	3	244	232	207	207
James River	Missouri	2161	4	277	264	235	235
James River	Missouri	2161	5	511	487	435	435
Labadie	Missouri	2103	1	2,321	2,321	2,321	2,321
Labadie	Missouri	2103	2	2,495	2,495	2,495	2,495
Labadie	Missouri	2103	3	2,695	2,695	2,677	2,677
Labadie	Missouri	2103	4	2,613	2,613	2,613	2,613
Lake Road	Missouri	2098	6	486	463	414	414
Lake Road	Missouri	2098	GT5	2	2	2	2
McCartney Generating Station	Missouri	7903	MGS1A	12	11	10	10
McCartney Generating Station	Missouri	7903	MGS1B	12	11	10	10
McCartney Generating Station	Missouri	7903	MGS2A	11	11	10	10
McCartney Generating Station	Missouri	7903	MGS2B	11	11	10	10
Meramec	Missouri	2104	1	759	724	646	646
Meramec	Missouri	2104	2	716	682	609	609
Meramec	Missouri	2104	3	1,263	1,204	1,075	1,075
Meramec	Missouri	2104	4	1,761	1,678	1,499	1,499
Meramec	Missouri	2104	CT01	0	0	0	0
Meramec	Missouri	2104	CT2A	1	0	0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Holden Power Plant	Missouri	7848	1	5	5	220,575	203,031	65,252
Holden Power Plant	Missouri	7848	2	6	6	264,826	221,104	43,318
Holden Power Plant	Missouri	7848	3	5	5	230,416	187,620	64,400
Howard Bend	Missouri	2102	CT1A	0	0			566
Howard Bend	Missouri	2102	CT1B	0	0			429
Iatan	Missouri	6065	1	3,094	3,094	21,862,474	18,717,571	22,713,502
James River	Missouri	2161	**GT1	7	7			40,454
James River	Missouri	2161	**GT2	13	13	239,326	165,456	45,048
James River	Missouri	2161	3	207	207	1,611,129	1,477,994	1,364,751
James River	Missouri	2161	4	235	235	1,795,067	1,820,260	1,743,371
James River	Missouri	2161	5	435	435	3,456,842	3,062,638	2,943,480
Labadie	Missouri	2103	1	2,321	2,321	17,632,730	18,643,459	13,413,192
Labadie	Missouri	2103	2	2,495	2,495	18,940,864	18,385,826	18,368,983
Labadie	Missouri	2103	3	2,677	2,677	19,387,382	19,377,874	18,429,551
Labadie	Missouri	2103	4	2,613	2,613	17,677,856	19,764,312	19,711,775
Lake Road	Missouri	2098	6	414	414	3,154,986	3,175,739	3,037,703
Lake Road	Missouri	2098	GT5	2	2			10,337
McCartney Generating Station	Missouri	7903	MGS1A	10	10	171,580	118,479	63,352
McCartney Generating Station	Missouri	7903	MGS1B	10	10	165,975	122,015	61,038
McCartney Generating Station	Missouri	7903	MGS2A	10	10	140,076	114,894	60,840
McCartney Generating Station	Missouri	7903	MGS2B	10	10	141,765	112,273	58,320
Meramec	Missouri	2104	1	646	646	4,623,348	4,540,706	4,276,672
Meramec	Missouri	2104	2	609	609	4,444,810	4,334,502	4,380,804
Meramec	Missouri	2104	3	1,075	1,075	8,661,699	8,902,588	7,622,438
Meramec	Missouri	2104	4	1,499	1,499	10,125,176	11,903,746	11,010,729
Meramec	Missouri	2104	CT01	0	0			4,268
Meramec	Missouri	2104	CT2A	0	0			6,866

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Holden Power Plant	Missouri	7848	1	110,155	161,275	194,960	372,941,836	0.000523
Holden Power Plant	Missouri	7848	2	108,927	186,559	224,163	372,941,836	0.000601
Holden Power Plant	Missouri	7848	3	87,176	115,267	177,768	372,941,836	0.000477
Howard Bend	Missouri	2102	CT1A	81	1,058	569	372,941,836	0.000002
Howard Bend	Missouri	2102	CT1B	81	1,121	544	372,941,836	0.000001
Iatan	Missouri	6065	1	26,176,210	23,595,223	24,161,645	372,941,836	0.064787
James River	Missouri	2161	**GT1	30,158	235,777	102,130	372,941,836	0.000274
James River	Missouri	2161	**GT2	27,362	213,540	206,107	372,941,836	0.000553
James River	Missouri	2161	3	1,220,891	1,518,413	1,535,845	372,941,836	0.004118
James River	Missouri	2161	4	1,527,874	1,676,504	1,786,233	372,941,836	0.004790
James River	Missouri	2161	5	2,973,235	3,282,485	3,267,322	372,941,836	0.008761
Labadie	Missouri	2103	1	17,545,656	17,906,954	18,061,047	372,941,836	0.048429
Labadie	Missouri	2103	2	17,158,210	16,781,330	18,565,224	372,941,836	0.049780
Labadie	Missouri	2103	3	17,204,542	20,040,730	19,601,995	372,941,836	0.052560
Labadie	Missouri	2103	4	16,373,175	20,143,294	19,873,127	372,941,836	0.053287
Lake Road	Missouri	2098	6	2,292,171	2,228,861	3,122,809	372,941,836	0.008373
Lake Road	Missouri	2098	GT5	2,619	21,903	11,620	372,941,836	0.000031
McCartney Generating Station	Missouri	7903	MGS1A	46,535	188,799	159,619	372,941,836	0.000428
McCartney Generating Station	Missouri	7903	MGS1B	47,629	186,312	158,100	372,941,836	0.000424
McCartney Generating Station	Missouri	7903	MGS2A	36,394	182,559	145,843	372,941,836	0.000391
McCartney Generating Station	Missouri	7903	MGS2B	35,226	182,925	145,654	372,941,836	0.000391
Meramec	Missouri	2104	1	4,044,146	3,944,772	4,480,242	372,941,836	0.012013
Meramec	Missouri	2104	2	3,586,060	4,125,153	4,386,705	372,941,836	0.011762
Meramec	Missouri	2104	3	7,305,293	7,910,771	8,491,686	372,941,836	0.022769
Meramec	Missouri	2104	4	10,430,655	9,003,351	11,115,044	372,941,836	0.029804
Meramec	Missouri	2104	CT01		3,849	4,059	372,941,836	0.000011
Meramec	Missouri	2104	CT2A	5,690	7,214	6,590	372,941,836	0.000018

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Holden Power Plant	Missouri	7848	1	22,104	19,833	12	10	0	0
Holden Power Plant	Missouri	7848	2	22,104	19,833	13	12	1	0
Holden Power Plant	Missouri	7848	3	22,104	19,833	11	9	0	0
Howard Bend	Missouri	2102	CT1A	22,104	19,833	0	0		
Howard Bend	Missouri	2102	CT1B	22,104	19,833	0	0		
Iatan	Missouri	6065	1	22,104	19,833	1,432	1,285	4,519	3,905
James River	Missouri	2161	**GT1	22,104	19,833	6	5		
James River	Missouri	2161	**GT2	22,104	19,833	12	11	3	3
James River	Missouri	2161	3	22,104	19,833	91	82	451	253
James River	Missouri	2161	4	22,104	19,833	106	95	574	356
James River	Missouri	2161	5	22,104	19,833	194	174	933	601
Labadie	Missouri	2103	1	22,104	19,833	1,070	960	852	917
Labadie	Missouri	2103	2	22,104	19,833	1,100	987	949	1,013
Labadie	Missouri	2103	3	22,104	19,833	1,162	1,042	833	1,078
Labadie	Missouri	2103	4	22,104	19,833	1,178	1,057	847	1,028
Lake Road	Missouri	2098	6	22,104	19,833	185	166	939	1,034
Lake Road	Missouri	2098	GT5	22,104	19,833	1	1		
McCartney Generating Station	Missouri	7903	MGS1A	22,104	19,833	9	8	3	1
McCartney Generating Station	Missouri	7903	MGS1B	22,104	19,833	9	8	3	1
McCartney Generating Station	Missouri	7903	MGS2A	22,104	19,833	9	8	2	1
McCartney Generating Station	Missouri	7903	MGS2B	22,104	19,833	9	8	2	2
Meramec	Missouri	2104	1	22,104	19,833	266	238	850	401
Meramec	Missouri	2104	2	22,104	19,833	260	233	833	297
Meramec	Missouri	2104	3	22,104	19,833	503	452	2,202	1,489
Meramec	Missouri	2104	4	22,104	19,833	659	591	985	1,050
Meramec	Missouri	2104	CT01	22,104	19,833	0	0		
Meramec	Missouri	2104	CT2A	22,104	19,833	0	0		

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Holden Power Plant	Missouri	7848	1	1	3	2	1	1	2
Holden Power Plant	Missouri	7848	2	1	4	3	1	2	3
Holden Power Plant	Missouri	7848	3	1	3	2	1	1	2
Howard Bend	Missouri	2102	CT1A				0	0	1
Howard Bend	Missouri	2102	CT1B				0	0	1
Iatan	Missouri	6065	1	3,922	3,111	2,837	3,732	1,014	832
James River	Missouri	2161	**GT1				4	3	16
James River	Missouri	2161	**GT2	7	22	17	4	2	17
James River	Missouri	2161	3	265	260	188	123	83	120
James River	Missouri	2161	4	351	322	216	213	117	154
James River	Missouri	2161	5	591	600	520	360	209	293
Labadie	Missouri	2103	1	894	945	986	726	940	887
Labadie	Missouri	2103	2	990	1,038	985	1,002	945	921
Labadie	Missouri	2103	3	1,107	1,076	1,075	1,001	974	1,121
Labadie	Missouri	2103	4	993	889	1,065	1,028	909	1,100
Lake Road	Missouri	2098	6	1,067	1,026	1,043	1,004	769	704
Lake Road	Missouri	2098	GT5				4	1	8
McCartney Generating Station	Missouri	7903	MGS1A	7	9	8	4	3	11
McCartney Generating Station	Missouri	7903	MGS1B	7	8	9	4	3	11
McCartney Generating Station	Missouri	7903	MGS2A	6	7	7	3	3	12
McCartney Generating Station	Missouri	7903	MGS2B	8	7	6	3	2	11
Meramec	Missouri	2104	1	256	279	265	267	268	229
Meramec	Missouri	2104	2	235	222	229	250	203	235
Meramec	Missouri	2104	3	1,938	1,498	883	671	640	669
Meramec	Missouri	2104	4	960	905	1,121	1,027	985	814
Meramec	Missouri	2104	CT01				3		2
Meramec	Missouri	2104	CT2A				2	2	3

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Holden Power Plant	Missouri	7848	1	3					
Holden Power Plant	Missouri	7848	2	4					
Holden Power Plant	Missouri	7848	3	3					
Howard Bend	Missouri	2102	CT1A	1					
Howard Bend	Missouri	2102	CT1B	1					
Iatan	Missouri	6065	1	4,519					
James River	Missouri	2161	**GT1	16					
James River	Missouri	2161	**GT2	22					
James River	Missouri	2161	3	451					
James River	Missouri	2161	4	574					
James River	Missouri	2161	5	933					
Labadie	Missouri	2103	1	986					
Labadie	Missouri	2103	2	1,038					
Labadie	Missouri	2103	3	1,121					
Labadie	Missouri	2103	4	1,100					
Lake Road	Missouri	2098	6	1,067					
Lake Road	Missouri	2098	GT5	8					
McCartney Generating Station	Missouri	7903	MGS1A	11					
McCartney Generating Station	Missouri	7903	MGS1B	11					
McCartney Generating Station	Missouri	7903	MGS2A	12					
McCartney Generating Station	Missouri	7903	MGS2B	11					
Meramec	Missouri	2104	1	850					
Meramec	Missouri	2104	2	833					
Meramec	Missouri	2104	3	2,202					
Meramec	Missouri	2104	4	1,121					
Meramec	Missouri	2104	CT01	3					
Meramec	Missouri	2104	CT2A	3					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Holden Power Plant	Missouri	7848	1			3	3
Holden Power Plant	Missouri	7848	2			4	4
Holden Power Plant	Missouri	7848	3			3	3
Howard Bend	Missouri	2102	CT1A			0	0
Howard Bend	Missouri	2102	CT1B			0	0
Iatan	Missouri	6065	1			1,626	1,550
James River	Missouri	2161	**GT1			7	7
James River	Missouri	2161	**GT2			14	13
James River	Missouri	2161	3			103	99
James River	Missouri	2161	4			120	115
James River	Missouri	2161	5			220	210
Labadie	Missouri	2103	1			986	986
Labadie	Missouri	2103	2			1,038	1,038
Labadie	Missouri	2103	3			1,121	1,121
Labadie	Missouri	2103	4			1,100	1,100
Lake Road	Missouri	2098	6			210	200
Lake Road	Missouri	2098	GT5			1	1
McCartney Generating Station	Missouri	7903	MGS1A			11	10
McCartney Generating Station	Missouri	7903	MGS1B			11	10
McCartney Generating Station	Missouri	7903	MGS2A			10	9
McCartney Generating Station	Missouri	7903	MGS2B			10	9
Meramec	Missouri	2104	1			301	287
Meramec	Missouri	2104	2			295	281
Meramec	Missouri	2104	3			571	545
Meramec	Missouri	2104	4			748	713
Meramec	Missouri	2104	CT01			0	0
Meramec	Missouri	2104	CT2A			0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Holden Power Plant	Missouri	7848	1	3	3	3	3
Holden Power Plant	Missouri	7848	2	4	4	4	4
Holden Power Plant	Missouri	7848	3	3	3	3	3
Howard Bend	Missouri	2102	CT1A	0	0	0	0
Howard Bend	Missouri	2102	CT1B	0	0	0	0
Iatan	Missouri	6065	1	1,374	1,374	1,374	1,374
James River	Missouri	2161	**GT1	6	6	6	6
James River	Missouri	2161	**GT2	12	12	12	12
James River	Missouri	2161	3	87	87	87	87
James River	Missouri	2161	4	102	102	102	102
James River	Missouri	2161	5	186	186	186	186
Labadie	Missouri	2103	1	986	986	986	986
Labadie	Missouri	2103	2	1,038	1,038	1,038	1,038
Labadie	Missouri	2103	3	1,115	1,115	1,115	1,115
Labadie	Missouri	2103	4	1,100	1,100	1,100	1,100
Lake Road	Missouri	2098	6	178	178	178	178
Lake Road	Missouri	2098	GT5	1	1	1	1
McCartney Generating Station	Missouri	7903	MGS1A	9	9	9	9
McCartney Generating Station	Missouri	7903	MGS1B	9	9	9	9
McCartney Generating Station	Missouri	7903	MGS2A	8	8	8	8
McCartney Generating Station	Missouri	7903	MGS2B	8	8	8	8
Meramec	Missouri	2104	1	255	255	255	255
Meramec	Missouri	2104	2	250	250	250	250
Meramec	Missouri	2104	3	483	483	483	483
Meramec	Missouri	2104	4	632	632	632	632
Meramec	Missouri	2104	CT01	0	0	0	0
Meramec	Missouri	2104	CT2A	0	0	0	0

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Holden Power Plant	Missouri	7848	1	Y	Y		Y		
Holden Power Plant	Missouri	7848	2	Y	Y		Y		
Holden Power Plant	Missouri	7848	3	Y	Y		Y		
Howard Bend	Missouri	2102	CT1A	Y	Y		Y		
Howard Bend	Missouri	2102	CT1B	Y	Y		Y		
Iatan	Missouri	6065	1	Y	Y		Y		
James River	Missouri	2161	**GT1	Y	Y		Y		
James River	Missouri	2161	**GT2	Y	Y		Y		
James River	Missouri	2161	3	Y	Y		Y		
James River	Missouri	2161	4	Y	Y		Y		
James River	Missouri	2161	5	Y	Y		Y		
Labadie	Missouri	2103	1	Y	Y		Y		
Labadie	Missouri	2103	2	Y	Y		Y		
Labadie	Missouri	2103	3	Y	Y		Y		
Labadie	Missouri	2103	4	Y	Y		Y		
Lake Road	Missouri	2098	6	Y	Y		Y		
Lake Road	Missouri	2098	GT5	Y	Y		Y		
McCartney Generating Station	Missouri	7903	MGS1A	Y	Y		Y		
McCartney Generating Station	Missouri	7903	MGS1B	Y	Y		Y		
McCartney Generating Station	Missouri	7903	MGS2A	Y	Y		Y		
McCartney Generating Station	Missouri	7903	MGS2B	Y	Y		Y		
Meramec	Missouri	2104	1	Y	Y		Y		
Meramec	Missouri	2104	2	Y	Y		Y		
Meramec	Missouri	2104	3	Y	Y		Y		
Meramec	Missouri	2104	4	Y	Y		Y		
Meramec	Missouri	2104	CT01	Y	Y		Y		
Meramec	Missouri	2104	CT2A	Y	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Meramec	Missouri	2104	CT2B	89686			7,427	6,551	6,996
Mexico	Missouri	6650	CT01	90098			8,768	5,899	2,379
Moberly	Missouri	6651	CT01	90099			7,663	45	14,443
Montrose	Missouri	2080	1	1320	12,946,678	11,877,814	11,976,152	12,285,988	11,371,877
Montrose	Missouri	2080	2	1321	11,907,048	12,091,591	12,448,542	11,271,821	11,901,076
Montrose	Missouri	2080	3	1322	12,220,708	12,653,345	13,147,666	12,499,072	11,508,093
Moreau	Missouri	6652	CT01	90100			7,574	6,825	2,869
New Madrid Power Plant	Missouri	2167	1	1357	38,968,354	36,348,529	36,878,157	32,988,052	41,001,363
New Madrid Power Plant	Missouri	2167	2	1358	36,641,973	38,120,030	36,169,507	36,753,376	29,970,064
Nodaway Power Plant	Missouri	7754	1	3153	165,240	31,971	10,748	15,840	18,679
Nodaway Power Plant	Missouri	7754	2	3154	182,518	74,142	9,097	20,295	55,109
Northeast Generating Station	Missouri	2081	11	90053			4,206	1,774	2,211
Northeast Generating Station	Missouri	2081	12	90054			8,840	4,079	1,994
Northeast Generating Station	Missouri	2081	13	90055			3,846	7,432	3,118
Northeast Generating Station	Missouri	2081	14	90056			3,609	2,628	4,614
Northeast Generating Station	Missouri	2081	15	90057			3,746	2,483	6,217
Northeast Generating Station	Missouri	2081	16	90058			760	3,020	3,986
Northeast Generating Station	Missouri	2081	17	90059			11,348	10,262	7,666
Northeast Generating Station	Missouri	2081	18	90060			21,406	8,939	6,558
Peno Creek Energy Center	Missouri	7964	CT1A	9048	129,453	248,261	170,178	100,235	164,755
Peno Creek Energy Center	Missouri	7964	CT1B	9049	119,080	238,407	155,720	98,589	167,496
Peno Creek Energy Center	Missouri	7964	CT2A	9050	134,117	235,965	20,900	90,599	142,067
Peno Creek Energy Center	Missouri	7964	CT2B	9051	135,534	225,280	108,214	91,035	66,863
Peno Creek Energy Center	Missouri	7964	CT3A	9052	141,177	229,565	82,565	98,748	169,374
Peno Creek Energy Center	Missouri	7964	CT3B	9053	142,050	230,703	76,499	100,260	178,820
Peno Creek Energy Center	Missouri	7964	CT4A	9054	130,088	216,166	102,584	89,239	173,770
Peno Creek Energy Center	Missouri	7964	CT4B	9055	125,478	209,234	98,776	88,294	177,664

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Meramec	Missouri	2104	CT2B	6,991	835,446,021	0.000008	203,317	160,963
Mexico	Missouri	6650	CT01	5,682	835,446,021	0.000007	203,317	160,963
Moberly	Missouri	6651	CT01	7,383	835,446,021	0.000009	203,317	160,963
Montrose	Missouri	2080	1	12,402,939	835,446,021	0.014846	203,317	160,963
Montrose	Missouri	2080	2	12,149,060	835,446,021	0.014542	203,317	160,963
Montrose	Missouri	2080	3	12,766,694	835,446,021	0.015281	203,317	160,963
Moreau	Missouri	6652	CT01	5,756	835,446,021	0.000007	203,317	160,963
New Madrid Power Plant	Missouri	2167	1	38,949,292	835,446,021	0.046621	203,317	160,963
New Madrid Power Plant	Missouri	2167	2	37,171,793	835,446,021	0.044493	203,317	160,963
Nodaway Power Plant	Missouri	7754	1	71,963	835,446,021	0.000086	203,317	160,963
Nodaway Power Plant	Missouri	7754	2	103,923	835,446,021	0.000124	203,317	160,963
Northeast Generating Station	Missouri	2081	11	2,730	835,446,021	0.000003	203,317	160,963
Northeast Generating Station	Missouri	2081	12	4,971	835,446,021	0.000006	203,317	160,963
Northeast Generating Station	Missouri	2081	13	4,799	835,446,021	0.000006	203,317	160,963
Northeast Generating Station	Missouri	2081	14	3,617	835,446,021	0.000004	203,317	160,963
Northeast Generating Station	Missouri	2081	15	4,149	835,446,021	0.000005	203,317	160,963
Northeast Generating Station	Missouri	2081	16	2,589	835,446,021	0.000003	203,317	160,963
Northeast Generating Station	Missouri	2081	17	9,759	835,446,021	0.000012	203,317	160,963
Northeast Generating Station	Missouri	2081	18	12,301	835,446,021	0.000015	203,317	160,963
Peno Creek Energy Center	Missouri	7964	CT1A	194,398	835,446,021	0.000233	203,317	160,963
Peno Creek Energy Center	Missouri	7964	CT1B	187,208	835,446,021	0.000224	203,317	160,963
Peno Creek Energy Center	Missouri	7964	CT2A	170,716	835,446,021	0.000204	203,317	160,963
Peno Creek Energy Center	Missouri	7964	CT2B	156,342	835,446,021	0.000187	203,317	160,963
Peno Creek Energy Center	Missouri	7964	CT3A	180,039	835,446,021	0.000216	203,317	160,963
Peno Creek Energy Center	Missouri	7964	CT3B	183,857	835,446,021	0.000220	203,317	160,963
Peno Creek Energy Center	Missouri	7964	CT4A	173,341	835,446,021	0.000207	203,317	160,963
Peno Creek Energy Center	Missouri	7964	CT4B	170,792	835,446,021	0.000204	203,317	160,963

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Meramec	Missouri	2104	CT2B	50,828	45,818	2	1	0	0
Mexico	Missouri	6650	CT01	50,828	45,818	1	1	0	0
Moberly	Missouri	6651	CT01	50,828	45,818	2	1	0	0
Montrose	Missouri	2080	1	50,828	45,818	3,018	2,390	755	680
Montrose	Missouri	2080	2	50,828	45,818	2,957	2,341	739	666
Montrose	Missouri	2080	3	50,828	45,818	3,107	2,460	777	700
Moreau	Missouri	6652	CT01	50,828	45,818	1	1	0	0
New Madrid Power Plant	Missouri	2167	1	50,828	45,818	9,479	7,504	2,370	2,136
New Madrid Power Plant	Missouri	2167	2	50,828	45,818	9,046	7,162	2,262	2,039
Nodaway Power Plant	Missouri	7754	1	50,828	45,818	18	14	4	4
Nodaway Power Plant	Missouri	7754	2	50,828	45,818	25	20	6	6
Northeast Generating Station	Missouri	2081	11	50,828	45,818	1	1	0	0
Northeast Generating Station	Missouri	2081	12	50,828	45,818	1	1	0	0
Northeast Generating Station	Missouri	2081	13	50,828	45,818	1	1	0	0
Northeast Generating Station	Missouri	2081	14	50,828	45,818	1	1	0	0
Northeast Generating Station	Missouri	2081	15	50,828	45,818	1	1	0	0
Northeast Generating Station	Missouri	2081	16	50,828	45,818	1	0	0	0
Northeast Generating Station	Missouri	2081	17	50,828	45,818	2	2	1	1
Northeast Generating Station	Missouri	2081	18	50,828	45,818	3	2	1	1
Peno Creek Energy Center	Missouri	7964	CT1A	50,828	45,818	47	37	12	11
Peno Creek Energy Center	Missouri	7964	CT1B	50,828	45,818	46	36	11	10
Peno Creek Energy Center	Missouri	7964	CT2A	50,828	45,818	42	33	10	9
Peno Creek Energy Center	Missouri	7964	CT2B	50,828	45,818	38	30	10	9
Peno Creek Energy Center	Missouri	7964	CT3A	50,828	45,818	44	35	11	10
Peno Creek Energy Center	Missouri	7964	CT3B	50,828	45,818	45	35	11	10
Peno Creek Energy Center	Missouri	7964	CT4A	50,828	45,818	42	33	11	10
Peno Creek Energy Center	Missouri	7964	CT4B	50,828	45,818	42	33	10	9

Plant Name	State	ORIS ID	Boiler ID	Step 7				
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Meramec	Missouri	2104	CT2B					
Mexico	Missouri	6650	CT01					
Moberly	Missouri	6651	CT01					
Montrose	Missouri	2080	1	5,912	5,171	5,271	4,034	4,554
Montrose	Missouri	2080	2	5,291	6,349	5,280	3,686	4,733
Montrose	Missouri	2080	3	4,519	5,327	5,153	3,841	4,849
Moreau	Missouri	6652	CT01					
New Madrid Power Plant	Missouri	2167	1	7,252	7,890	7,036	7,888	7,384
New Madrid Power Plant	Missouri	2167	2	7,628	7,215	6,665	6,789	6,908
Nodaway Power Plant	Missouri	7754	1	0	0	0	0	0
Nodaway Power Plant	Missouri	7754	2	0	0	0	0	0
Northeast Generating Station	Missouri	2081	11					
Northeast Generating Station	Missouri	2081	12					
Northeast Generating Station	Missouri	2081	13					
Northeast Generating Station	Missouri	2081	14					
Northeast Generating Station	Missouri	2081	15					
Northeast Generating Station	Missouri	2081	16					
Northeast Generating Station	Missouri	2081	17					
Northeast Generating Station	Missouri	2081	18					
Peno Creek Energy Center	Missouri	7964	CT1A	0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT1B	0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT2A	0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT2B	0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT3A	0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT3B	0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT4A	0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT4B	0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Meramec	Missouri	2104	CT2B		0	0	0		
Mexico	Missouri	6650	CT01		1	1	1		
Moberly	Missouri	6651	CT01		0	4	4		
Montrose	Missouri	2080	1	3,979	4,261	3,904	5,912		
Montrose	Missouri	2080	2	3,959	4,048	3,964	6,349		
Montrose	Missouri	2080	3	4,186	4,482	3,882	5,327		
Moreau	Missouri	6652	CT01		2	1	2		
New Madrid Power Plant	Missouri	2167	1	8,008	7,218	8,850	8,850		
New Madrid Power Plant	Missouri	2167	2	6,981	7,262	6,190	7,628		
Nodaway Power Plant	Missouri	7754	1	0	0	0	0		
Nodaway Power Plant	Missouri	7754	2	0	0	0	0		
Northeast Generating Station	Missouri	2081	11		0	0	0		
Northeast Generating Station	Missouri	2081	12		0	0	0		
Northeast Generating Station	Missouri	2081	13		0	0	0		
Northeast Generating Station	Missouri	2081	14		0	0	0		
Northeast Generating Station	Missouri	2081	15		0	0	0		
Northeast Generating Station	Missouri	2081	16		0	0	0		
Northeast Generating Station	Missouri	2081	17		1	0	1		
Northeast Generating Station	Missouri	2081	18		0	0	0		
Peno Creek Energy Center	Missouri	7964	CT1A	0	0	0	0		
Peno Creek Energy Center	Missouri	7964	CT1B	0	0	0	0		
Peno Creek Energy Center	Missouri	7964	CT2A	0	0	0	0		
Peno Creek Energy Center	Missouri	7964	CT2B	0	0	0	0		
Peno Creek Energy Center	Missouri	7964	CT3A	0	0	0	0		
Peno Creek Energy Center	Missouri	7964	CT3B	0	0	0	0		
Peno Creek Energy Center	Missouri	7964	CT4A	0	0	0	0		
Peno Creek Energy Center	Missouri	7964	CT4B	0	0	0	0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Meramec	Missouri	2104	CT2B						
Mexico	Missouri	6650	CT01						
Moberly	Missouri	6651	CT01						
Montrose	Missouri	2080	1					1,710	1,801
Montrose	Missouri	2080	2					1,931	2,408
Montrose	Missouri	2080	3					1,591	2,008
Moreau	Missouri	6652	CT01						
New Madrid Power Plant	Missouri	2167	1					14,686	14,442
New Madrid Power Plant	Missouri	2167	2					24,345	14,221
Nodaway Power Plant	Missouri	7754	1					2	1
Nodaway Power Plant	Missouri	7754	2					2	1
Northeast Generating Station	Missouri	2081	11						
Northeast Generating Station	Missouri	2081	12						
Northeast Generating Station	Missouri	2081	13						
Northeast Generating Station	Missouri	2081	14						
Northeast Generating Station	Missouri	2081	15						
Northeast Generating Station	Missouri	2081	16						
Northeast Generating Station	Missouri	2081	17						
Northeast Generating Station	Missouri	2081	18						
Peno Creek Energy Center	Missouri	7964	CT1A					3	2
Peno Creek Energy Center	Missouri	7964	CT1B					2	2
Peno Creek Energy Center	Missouri	7964	CT2A					3	2
Peno Creek Energy Center	Missouri	7964	CT2B					3	2
Peno Creek Energy Center	Missouri	7964	CT3A					3	2
Peno Creek Energy Center	Missouri	7964	CT3B					3	2
Peno Creek Energy Center	Missouri	7964	CT4A					3	2
Peno Creek Energy Center	Missouri	7964	CT4B					3	2

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Meramec	Missouri	2104	CT2B				3	2
Mexico	Missouri	6650	CT01				5	4
Moberly	Missouri	6651	CT01				5	0
Montrose	Missouri	2080	1	2,182	2,160	2,035	2,092	2,121
Montrose	Missouri	2080	2	2,237	1,933	2,044	2,134	1,971
Montrose	Missouri	2080	3	2,116	1,947	2,129	2,254	2,178
Moreau	Missouri	6652	CT01				5	4
New Madrid Power Plant	Missouri	2167	1	17,720	16,353	10,826	6,083	1,546
New Madrid Power Plant	Missouri	2167	2	14,520	12,404	12,648	5,710	1,676
Nodaway Power Plant	Missouri	7754	1	1	6	1	0	1
Nodaway Power Plant	Missouri	7754	2	1	5	3	0	1
Northeast Generating Station	Missouri	2081	11				3	1
Northeast Generating Station	Missouri	2081	12				5	2
Northeast Generating Station	Missouri	2081	13				2	4
Northeast Generating Station	Missouri	2081	14				2	2
Northeast Generating Station	Missouri	2081	15				2	1
Northeast Generating Station	Missouri	2081	16				0	2
Northeast Generating Station	Missouri	2081	17				7	6
Northeast Generating Station	Missouri	2081	18				13	5
Peno Creek Energy Center	Missouri	7964	CT1A	9	5	11	8	5
Peno Creek Energy Center	Missouri	7964	CT1B	9	5	10	7	5
Peno Creek Energy Center	Missouri	7964	CT2A	9	5	10	1	4
Peno Creek Energy Center	Missouri	7964	CT2B	10	6	10	5	4
Peno Creek Energy Center	Missouri	7964	CT3A	8	6	11	4	4
Peno Creek Energy Center	Missouri	7964	CT3B	10	6	11	3	4
Peno Creek Energy Center	Missouri	7964	CT4A	9	6	10	5	4
Peno Creek Energy Center	Missouri	7964	CT4B	9	6	10	4	4

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Meramec	Missouri	2104	CT2B	2	3				
Mexico	Missouri	6650	CT01	1	5				
Moberly	Missouri	6651	CT01	9	9				
Montrose	Missouri	2080	1	2,010	2,182				
Montrose	Missouri	2080	2	2,005	2,408				
Montrose	Missouri	2080	3	1,918	2,254				
Moreau	Missouri	6652	CT01	2	5				
New Madrid Power Plant	Missouri	2167	1	2,002	17,720				
New Madrid Power Plant	Missouri	2167	2	1,590	24,345				
Nodaway Power Plant	Missouri	7754	1	1	6				
Nodaway Power Plant	Missouri	7754	2	2	5				
Northeast Generating Station	Missouri	2081	11	1	3				
Northeast Generating Station	Missouri	2081	12	1	5				
Northeast Generating Station	Missouri	2081	13	2	4				
Northeast Generating Station	Missouri	2081	14	3	3				
Northeast Generating Station	Missouri	2081	15	4	4				
Northeast Generating Station	Missouri	2081	16	2	2				
Northeast Generating Station	Missouri	2081	17	5	7				
Northeast Generating Station	Missouri	2081	18	4	13				
Peno Creek Energy Center	Missouri	7964	CT1A	8	11				
Peno Creek Energy Center	Missouri	7964	CT1B	8	10				
Peno Creek Energy Center	Missouri	7964	CT2A	7	10				
Peno Creek Energy Center	Missouri	7964	CT2B	3	10				
Peno Creek Energy Center	Missouri	7964	CT3A	6	11				
Peno Creek Energy Center	Missouri	7964	CT3B	8	11				
Peno Creek Energy Center	Missouri	7964	CT4A	8	10				
Peno Creek Energy Center	Missouri	7964	CT4B	8	10				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Meramec	Missouri	2104	CT2B				0
Mexico	Missouri	6650	CT01				1
Moberly	Missouri	6651	CT01				2
Montrose	Missouri	2080	1				3,384
Montrose	Missouri	2080	2				3,315
Montrose	Missouri	2080	3				3,483
Moreau	Missouri	6652	CT01				2
New Madrid Power Plant	Missouri	2167	1				8,850
New Madrid Power Plant	Missouri	2167	2				7,628
Nodaway Power Plant	Missouri	7754	1				0
Nodaway Power Plant	Missouri	7754	2				0
Northeast Generating Station	Missouri	2081	11				0
Northeast Generating Station	Missouri	2081	12				0
Northeast Generating Station	Missouri	2081	13				0
Northeast Generating Station	Missouri	2081	14				0
Northeast Generating Station	Missouri	2081	15				0
Northeast Generating Station	Missouri	2081	16				0
Northeast Generating Station	Missouri	2081	17				1
Northeast Generating Station	Missouri	2081	18				0
Peno Creek Energy Center	Missouri	7964	CT1A				0
Peno Creek Energy Center	Missouri	7964	CT1B				0
Peno Creek Energy Center	Missouri	7964	CT2A				0
Peno Creek Energy Center	Missouri	7964	CT2B				0
Peno Creek Energy Center	Missouri	7964	CT3A				0
Peno Creek Energy Center	Missouri	7964	CT3B				0
Peno Creek Energy Center	Missouri	7964	CT4A				0
Peno Creek Energy Center	Missouri	7964	CT4B				0

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Meramec	Missouri	2104	CT2B	0	0	0	0
Mexico	Missouri	6650	CT01	1	1	1	1
Moberly	Missouri	6651	CT01	2	2	2	2
Montrose	Missouri	2080	1	2,608	2,608	2,608	2,608
Montrose	Missouri	2080	2	2,555	2,555	2,555	2,555
Montrose	Missouri	2080	3	2,684	2,684	2,684	2,684
Moreau	Missouri	6652	CT01	1	1	1	1
New Madrid Power Plant	Missouri	2167	1	8,190	8,190	8,190	8,190
New Madrid Power Plant	Missouri	2167	2	7,628	7,628	7,628	7,628
Nodaway Power Plant	Missouri	7754	1	0	0	0	0
Nodaway Power Plant	Missouri	7754	2	0	0	0	0
Northeast Generating Station	Missouri	2081	11	0	0	0	0
Northeast Generating Station	Missouri	2081	12	0	0	0	0
Northeast Generating Station	Missouri	2081	13	0	0	0	0
Northeast Generating Station	Missouri	2081	14	0	0	0	0
Northeast Generating Station	Missouri	2081	15	0	0	0	0
Northeast Generating Station	Missouri	2081	16	0	0	0	0
Northeast Generating Station	Missouri	2081	17	1	1	1	1
Northeast Generating Station	Missouri	2081	18	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT1A	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT1B	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT2A	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT2B	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT3A	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT3B	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT4A	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT4B	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Meramec	Missouri	2104	CT2B	0	0	0	0
Mexico	Missouri	6650	CT01	0	0	0	0
Moberly	Missouri	6651	CT01	1	0	0	0
Montrose	Missouri	2080	1	851	811	725	725
Montrose	Missouri	2080	2	834	795	710	710
Montrose	Missouri	2080	3	876	835	746	746
Moreau	Missouri	6652	CT01	0	0	0	0
New Madrid Power Plant	Missouri	2167	1	2,673	2,548	2,276	2,276
New Madrid Power Plant	Missouri	2167	2	2,551	2,432	2,172	2,172
Nodaway Power Plant	Missouri	7754	1	5	5	4	4
Nodaway Power Plant	Missouri	7754	2	5	5	5	5
Northeast Generating Station	Missouri	2081	11	0	0	0	0
Northeast Generating Station	Missouri	2081	12	0	0	0	0
Northeast Generating Station	Missouri	2081	13	0	0	0	0
Northeast Generating Station	Missouri	2081	14	0	0	0	0
Northeast Generating Station	Missouri	2081	15	0	0	0	0
Northeast Generating Station	Missouri	2081	16	0	0	0	0
Northeast Generating Station	Missouri	2081	17	1	1	1	1
Northeast Generating Station	Missouri	2081	18	1	1	1	1
Peno Creek Energy Center	Missouri	7964	CT1A	11	11	11	11
Peno Creek Energy Center	Missouri	7964	CT1B	10	10	10	10
Peno Creek Energy Center	Missouri	7964	CT2A	10	10	10	10
Peno Creek Energy Center	Missouri	7964	CT2B	10	10	9	9
Peno Creek Energy Center	Missouri	7964	CT3A	11	11	11	11
Peno Creek Energy Center	Missouri	7964	CT3B	11	11	11	11
Peno Creek Energy Center	Missouri	7964	CT4A	10	10	10	10
Peno Creek Energy Center	Missouri	7964	CT4B	10	10	10	10

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation								
Meramec	Missouri	2104	CT2B	0	0			6,964
Mexico	Missouri	6650	CT01	0	0			2,326
Moberly	Missouri	6651	CT01	0	0			1,533
Montrose	Missouri	2080	1	725	725	5,329,205	4,808,947	5,921,320
Montrose	Missouri	2080	2	710	710	5,260,424	5,226,461	5,089,711
Montrose	Missouri	2080	3	746	746	5,638,567	4,798,739	5,428,795
Moreau	Missouri	6652	CT01	0	0			3,448
New Madrid Power Plant	Missouri	2167	1	2,276	2,276	16,543,446	17,380,559	18,209,814
New Madrid Power Plant	Missouri	2167	2	2,172	2,172	18,187,334	15,167,368	17,823,134
Nodaway Power Plant	Missouri	7754	1	4	4	150,870	31,971	10,381
Nodaway Power Plant	Missouri	7754	2	5	5	168,244	72,668	7,475
Northeast Generating Station	Missouri	2081	11	0	0			1,611
Northeast Generating Station	Missouri	2081	12	0	0			1,501
Northeast Generating Station	Missouri	2081	13	0	0			1,032
Northeast Generating Station	Missouri	2081	14	0	0			1,566
Northeast Generating Station	Missouri	2081	15	0	0			1,800
Northeast Generating Station	Missouri	2081	16	0	0			
Northeast Generating Station	Missouri	2081	17	1	1			3,186
Northeast Generating Station	Missouri	2081	18	1	1			2,596
Peno Creek Energy Center	Missouri	7964	CT1A	11	11	111,187	170,835	98,858
Peno Creek Energy Center	Missouri	7964	CT1B	10	10	100,366	163,883	95,076
Peno Creek Energy Center	Missouri	7964	CT2A	10	10	112,821	160,578	3,882
Peno Creek Energy Center	Missouri	7964	CT2B	9	9	113,118	149,531	57,478
Peno Creek Energy Center	Missouri	7964	CT3A	11	11	126,764	162,395	56,507
Peno Creek Energy Center	Missouri	7964	CT3B	11	11	126,999	165,361	51,397
Peno Creek Energy Center	Missouri	7964	CT4A	10	10	125,049	151,989	54,292
Peno Creek Energy Center	Missouri	7964	CT4B	10	10	122,729	152,338	52,989

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Meramec	Missouri	2104	CT2B	4,903	6,945	6,271	372,941,836	0.000017
Mexico	Missouri	6650	CT01	4,794	2,379	3,166	372,941,836	0.000008
Moberly	Missouri	6651	CT01		14,443	7,988	372,941,836	0.000021
Montrose	Missouri	2080	1	5,147,739	4,717,660	5,466,088	372,941,836	0.014657
Montrose	Missouri	2080	2	4,971,402	4,869,368	5,192,199	372,941,836	0.013922
Montrose	Missouri	2080	3	5,020,268	5,133,180	5,400,181	372,941,836	0.014480
Moreau	Missouri	6652	CT01	6,825	2,869	4,381	372,941,836	0.000012
New Madrid Power Plant	Missouri	2167	1	16,528,108	16,203,941	17,377,939	372,941,836	0.046597
New Madrid Power Plant	Missouri	2167	2	16,435,075	15,532,811	17,481,848	372,941,836	0.046876
Nodaway Power Plant	Missouri	7754	1	15,840	18,679	67,173	372,941,836	0.000180
Nodaway Power Plant	Missouri	7754	2	20,295	41,562	94,158	372,941,836	0.000252
Northeast Generating Station	Missouri	2081	11	913		1,262	372,941,836	0.000003
Northeast Generating Station	Missouri	2081	12	915		1,208	372,941,836	0.000003
Northeast Generating Station	Missouri	2081	13	3,827	488	1,782	372,941,836	0.000005
Northeast Generating Station	Missouri	2081	14	1,270	1,892	1,576	372,941,836	0.000004
Northeast Generating Station	Missouri	2081	15	2,209	1,511	1,840	372,941,836	0.000005
Northeast Generating Station	Missouri	2081	16	2,237	1,703	1,970	372,941,836	0.000005
Northeast Generating Station	Missouri	2081	17	2,511	1,837	2,511	372,941,836	0.000007
Northeast Generating Station	Missouri	2081	18	2,895	1,737	2,409	372,941,836	0.000006
Peno Creek Energy Center	Missouri	7964	CT1A	67,587	119,359	133,794	372,941,836	0.000359
Peno Creek Energy Center	Missouri	7964	CT1B	66,548	121,905	128,718	372,941,836	0.000345
Peno Creek Energy Center	Missouri	7964	CT2A	64,668	101,109	124,836	372,941,836	0.000335
Peno Creek Energy Center	Missouri	7964	CT2B	65,310	30,624	109,320	372,941,836	0.000293
Peno Creek Energy Center	Missouri	7964	CT3A	67,229	134,170	141,110	372,941,836	0.000378
Peno Creek Energy Center	Missouri	7964	CT3B	68,370	137,919	143,426	372,941,836	0.000385
Peno Creek Energy Center	Missouri	7964	CT4A	65,453	135,919	137,652	372,941,836	0.000369
Peno Creek Energy Center	Missouri	7964	CT4B	64,136	138,793	137,953	372,941,836	0.000370

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Meramec	Missouri	2104	CT2B	22,104	19,833	0	0		
Mexico	Missouri	6650	CT01	22,104	19,833	0	0		
Moberly	Missouri	6651	CT01	22,104	19,833	0	0		
Montrose	Missouri	2080	1	22,104	19,833	324	291	793	741
Montrose	Missouri	2080	2	22,104	19,833	308	276	825	981
Montrose	Missouri	2080	3	22,104	19,833	320	287	733	986
Moreau	Missouri	6652	CT01	22,104	19,833	0	0		
New Madrid Power Plant	Missouri	2167	1	22,104	19,833	1,030	924	2,626	1,025
New Madrid Power Plant	Missouri	2167	2	22,104	19,833	1,036	930	10,478	1,096
Nodaway Power Plant	Missouri	7754	1	22,104	19,833	4	4	1	1
Nodaway Power Plant	Missouri	7754	2	22,104	19,833	6	5	1	1
Northeast Generating Station	Missouri	2081	11	22,104	19,833	0	0		
Northeast Generating Station	Missouri	2081	12	22,104	19,833	0	0		
Northeast Generating Station	Missouri	2081	13	22,104	19,833	0	0		
Northeast Generating Station	Missouri	2081	14	22,104	19,833	0	0		
Northeast Generating Station	Missouri	2081	15	22,104	19,833	0	0		
Northeast Generating Station	Missouri	2081	16	22,104	19,833	0	0		
Northeast Generating Station	Missouri	2081	17	22,104	19,833	0	0		
Northeast Generating Station	Missouri	2081	18	22,104	19,833	0	0		
Peno Creek Energy Center	Missouri	7964	CT1A	22,104	19,833	8	7	3	1
Peno Creek Energy Center	Missouri	7964	CT1B	22,104	19,833	8	7	2	1
Peno Creek Energy Center	Missouri	7964	CT2A	22,104	19,833	7	7	2	1
Peno Creek Energy Center	Missouri	7964	CT2B	22,104	19,833	6	6	2	1
Peno Creek Energy Center	Missouri	7964	CT3A	22,104	19,833	8	8	2	1
Peno Creek Energy Center	Missouri	7964	CT3B	22,104	19,833	9	8	2	1
Peno Creek Energy Center	Missouri	7964	CT4A	22,104	19,833	8	7	2	1
Peno Creek Energy Center	Missouri	7964	CT4B	22,104	19,833	8	7	2	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Meramec	Missouri	2104	CT2B				2	2	2
Mexico	Missouri	6650	CT01				1	3	1
Moberly	Missouri	6651	CT01				1		9
Montrose	Missouri	2080	1	867	897	803	1,057	907	828
Montrose	Missouri	2080	2	924	846	883	865	868	791
Montrose	Missouri	2080	3	749	903	802	922	877	827
Moreau	Missouri	6652	CT01				2	4	2
New Madrid Power Plant	Missouri	2167	1	3,344	1,473	1,049	795	713	811
New Madrid Power Plant	Missouri	2167	2	1,235	1,757	827	829	715	804
Nodaway Power Plant	Missouri	7754	1	0	5	1	0	1	1
Nodaway Power Plant	Missouri	7754	2	0	5	2	0	1	2
Northeast Generating Station	Missouri	2081	11				1	1	
Northeast Generating Station	Missouri	2081	12				1	1	
Northeast Generating Station	Missouri	2081	13				1	2	0
Northeast Generating Station	Missouri	2081	14				1	1	1
Northeast Generating Station	Missouri	2081	15				1	1	1
Northeast Generating Station	Missouri	2081	16					1	1
Northeast Generating Station	Missouri	2081	17				2	2	1
Northeast Generating Station	Missouri	2081	18				2	2	1
Peno Creek Energy Center	Missouri	7964	CT1A	8	5	7	4	3	6
Peno Creek Energy Center	Missouri	7964	CT1B	8	4	7	4	3	6
Peno Creek Energy Center	Missouri	7964	CT2A	8	5	7	0	3	5
Peno Creek Energy Center	Missouri	7964	CT2B	8	5	7	2	3	1
Peno Creek Energy Center	Missouri	7964	CT3A	7	6	7	2	3	5
Peno Creek Energy Center	Missouri	7964	CT3B	8	6	8	2	3	6
Peno Creek Energy Center	Missouri	7964	CT4A	8	5	7	3	3	6
Peno Creek Energy Center	Missouri	7964	CT4B	8	6	7	2	3	6

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Meramec	Missouri	2104	CT2B	2					
Mexico	Missouri	6650	CT01	3					
Moberly	Missouri	6651	CT01	9					
Montrose	Missouri	2080	1	1,057					
Montrose	Missouri	2080	2	981					
Montrose	Missouri	2080	3	986					
Moreau	Missouri	6652	CT01	4					
New Madrid Power Plant	Missouri	2167	1	3,344					
New Madrid Power Plant	Missouri	2167	2	10,478					
Nodaway Power Plant	Missouri	7754	1	5					
Nodaway Power Plant	Missouri	7754	2	5					
Northeast Generating Station	Missouri	2081	11	1					
Northeast Generating Station	Missouri	2081	12	1					
Northeast Generating Station	Missouri	2081	13	2					
Northeast Generating Station	Missouri	2081	14	1					
Northeast Generating Station	Missouri	2081	15	1					
Northeast Generating Station	Missouri	2081	16	1					
Northeast Generating Station	Missouri	2081	17	2					
Northeast Generating Station	Missouri	2081	18	2					
Peno Creek Energy Center	Missouri	7964	CT1A	8					
Peno Creek Energy Center	Missouri	7964	CT1B	8					
Peno Creek Energy Center	Missouri	7964	CT2A	8					
Peno Creek Energy Center	Missouri	7964	CT2B	8					
Peno Creek Energy Center	Missouri	7964	CT3A	7					
Peno Creek Energy Center	Missouri	7964	CT3B	8					
Peno Creek Energy Center	Missouri	7964	CT4A	8					
Peno Creek Energy Center	Missouri	7964	CT4B	8					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Meramec	Missouri	2104	CT2B			0	0
Mexico	Missouri	6650	CT01			0	0
Moberly	Missouri	6651	CT01			1	1
Montrose	Missouri	2080	1			368	351
Montrose	Missouri	2080	2			349	333
Montrose	Missouri	2080	3			363	346
Moreau	Missouri	6652	CT01			0	0
New Madrid Power Plant	Missouri	2167	1			1,169	1,115
New Madrid Power Plant	Missouri	2167	2			1,176	1,121
Nodaway Power Plant	Missouri	7754	1			5	4
Nodaway Power Plant	Missouri	7754	2			5	5
Northeast Generating Station	Missouri	2081	11			0	0
Northeast Generating Station	Missouri	2081	12			0	0
Northeast Generating Station	Missouri	2081	13			0	0
Northeast Generating Station	Missouri	2081	14			0	0
Northeast Generating Station	Missouri	2081	15			0	0
Northeast Generating Station	Missouri	2081	16			0	0
Northeast Generating Station	Missouri	2081	17			0	0
Northeast Generating Station	Missouri	2081	18			0	0
Peno Creek Energy Center	Missouri	7964	CT1A			8	8
Peno Creek Energy Center	Missouri	7964	CT1B			8	8
Peno Creek Energy Center	Missouri	7964	CT2A			8	8
Peno Creek Energy Center	Missouri	7964	CT2B			7	7
Peno Creek Energy Center	Missouri	7964	CT3A			7	7
Peno Creek Energy Center	Missouri	7964	CT3B			8	8
Peno Creek Energy Center	Missouri	7964	CT4A			8	8
Peno Creek Energy Center	Missouri	7964	CT4B			8	8

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Meramec	Missouri	2104	CT2B	0	0	0	0
Mexico	Missouri	6650	CT01	0	0	0	0
Moberly	Missouri	6651	CT01	0	0	0	0
Montrose	Missouri	2080	1	311	311	311	311
Montrose	Missouri	2080	2	295	295	295	295
Montrose	Missouri	2080	3	307	307	307	307
Moreau	Missouri	6652	CT01	0	0	0	0
New Madrid Power Plant	Missouri	2167	1	989	989	989	989
New Madrid Power Plant	Missouri	2167	2	994	994	994	994
Nodaway Power Plant	Missouri	7754	1	4	4	4	4
Nodaway Power Plant	Missouri	7754	2	5	5	5	5
Northeast Generating Station	Missouri	2081	11	0	0	0	0
Northeast Generating Station	Missouri	2081	12	0	0	0	0
Northeast Generating Station	Missouri	2081	13	0	0	0	0
Northeast Generating Station	Missouri	2081	14	0	0	0	0
Northeast Generating Station	Missouri	2081	15	0	0	0	0
Northeast Generating Station	Missouri	2081	16	0	0	0	0
Northeast Generating Station	Missouri	2081	17	0	0	0	0
Northeast Generating Station	Missouri	2081	18	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT1A	8	8	8	8
Peno Creek Energy Center	Missouri	7964	CT1B	7	7	7	7
Peno Creek Energy Center	Missouri	7964	CT2A	7	7	7	7
Peno Creek Energy Center	Missouri	7964	CT2B	6	6	6	6
Peno Creek Energy Center	Missouri	7964	CT3A	7	7	7	7
Peno Creek Energy Center	Missouri	7964	CT3B	8	8	8	8
Peno Creek Energy Center	Missouri	7964	CT4A	8	8	8	8
Peno Creek Energy Center	Missouri	7964	CT4B	8	8	8	8

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Meramec	Missouri	2104	CT2B	Y	Y		Y		
Mexico	Missouri	6650	CT01	Y	Y		Y		
Moberly	Missouri	6651	CT01	Y	Y		Y		
Montrose	Missouri	2080	1	Y	Y		Y		
Montrose	Missouri	2080	2	Y	Y		Y		
Montrose	Missouri	2080	3	Y	Y		Y		
Moreau	Missouri	6652	CT01	Y	Y		Y		
New Madrid Power Plant	Missouri	2167	1	Y	Y		Y		
New Madrid Power Plant	Missouri	2167	2	Y	Y		Y		
Nodaway Power Plant	Missouri	7754	1	Y	Y		Y		
Nodaway Power Plant	Missouri	7754	2	Y	Y		Y		
Northeast Generating Station	Missouri	2081	11	Y	Y		Y		
Northeast Generating Station	Missouri	2081	12	Y	Y		Y		
Northeast Generating Station	Missouri	2081	13	Y	Y		Y		
Northeast Generating Station	Missouri	2081	14	Y	Y		Y		
Northeast Generating Station	Missouri	2081	15	Y	Y		Y		
Northeast Generating Station	Missouri	2081	16	Y	Y		Y		
Northeast Generating Station	Missouri	2081	17	Y	Y		Y		
Northeast Generating Station	Missouri	2081	18	Y	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT1A	Y	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT1B	Y	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT2A	Y	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT2B	Y	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT3A	Y	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT3B	Y	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT4A	Y	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT4B	Y	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Ralph Green Station	Missouri	2092	3	90004			35,995	5,452	12,794
Rush Island	Missouri	6155	1	2813	42,710,579	27,799,989	45,214,033	44,951,266	45,258,127
Rush Island	Missouri	6155	2	2814	41,565,219	40,987,945	41,160,851	41,398,941	32,901,531
Sibley	Missouri	2094	1	1323	3,614,949	3,995,539	3,791,914	3,546,618	3,233,081
Sibley	Missouri	2094	2	1324	3,651,681	3,968,594	3,628,136	3,545,414	3,282,806
Sibley	Missouri	2094	3	1325	23,606,561	24,164,371	17,870,406	21,001,033	24,089,480
Sikeston	Missouri	6768	1	2907	21,176,992	23,117,915	20,828,709	19,794,807	19,269,980
Sioux	Missouri	2107	1	1336	33,962,638	32,431,975	24,729,739	26,939,616	29,810,631
Sioux	Missouri	2107	2	1337	27,182,353	30,534,052	29,078,111	26,056,225	26,987,294
South Harper Peaking Facility	Missouri	56151	1	89544	370,571	607,228	503,942	265,557	206,456
South Harper Peaking Facility	Missouri	56151	2	89545	495,804	774,333	391,905	196,870	325,916
South Harper Peaking Facility	Missouri	56151	3	89546	639,574	905,854	471,408	183,104	230,635
Southwest	Missouri	6195	1	2843	13,975,303	14,226,732	10,897,987	12,925,232	12,850,530
Southwest	Missouri	6195	CT1A	89861			5,035	3,742	50,266
Southwest	Missouri	6195	CT1B	89862			5,502	5,055	48,350
Southwest	Missouri	6195	CT2A	89863			3,542	4,953	39,804
Southwest	Missouri	6195	CT2B	89864			3,876	7,411	42,848
St. Francis Power Plant	Missouri	7604	1	3135	3,220,973	3,326,713	2,785,712	2,153,242	2,737,704
St. Francis Power Plant	Missouri	7604	2	3136	2,782,875	3,084,929	2,545,658	2,175,867	3,205,152
State Line (MO)	Missouri	7296	1	3087	100,859	82,338	58,657	73,484	234,374
State Line (MO)	Missouri	7296	2-1	3088	6,937,051	6,119,357	7,796,768	2,847,299	8,288,780
State Line (MO)	Missouri	7296	2-2	3089	4,273,095	8,360,914	8,087,688	4,950,110	5,164,578
Thomas Hill Energy Center	Missouri	2168	MB1	1359	13,966,619	13,352,656	11,126,668	13,726,545	14,855,097
Thomas Hill Energy Center	Missouri	2168	MB2	1360	21,182,918	21,467,148	15,760,705	21,184,358	23,903,902
Thomas Hill Energy Center	Missouri	2168	MB3	1361	49,581,505	39,658,119	44,514,072	43,178,899	42,155,058
Viaduct	Missouri	2096	CT01	89689				911	2,038
Beatrice	Nebraska	8000	1	88088	1,144,009	1,977,770	1,714,771	673,174	279,594

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Ralph Green Station	Missouri	2092	3	18,080	835,446,021	0.000022	203,317	160,963
Rush Island	Missouri	6155	1	45,141,142	835,446,021	0.054032	203,317	160,963
Rush Island	Missouri	6155	2	41,375,003	835,446,021	0.049524	203,317	160,963
Sibley	Missouri	2094	1	3,800,801	835,446,021	0.004549	203,317	160,963
Sibley	Missouri	2094	2	3,749,471	835,446,021	0.004488	203,317	160,963
Sibley	Missouri	2094	3	23,953,471	835,446,021	0.028671	203,317	160,963
Sikeston	Missouri	6768	1	21,707,872	835,446,021	0.025984	203,317	160,963
Sioux	Missouri	2107	1	32,068,414	835,446,021	0.038385	203,317	160,963
Sioux	Missouri	2107	2	28,931,505	835,446,021	0.034630	203,317	160,963
South Harper Peaking Facility	Missouri	56151	1	493,914	835,446,021	0.000591	203,317	160,963
South Harper Peaking Facility	Missouri	56151	2	554,014	835,446,021	0.000663	203,317	160,963
South Harper Peaking Facility	Missouri	56151	3	672,279	835,446,021	0.000805	203,317	160,963
Southwest	Missouri	6195	1	13,709,089	835,446,021	0.016409	203,317	160,963
Southwest	Missouri	6195	CT1A	19,681	835,446,021	0.000024	203,317	160,963
Southwest	Missouri	6195	CT1B	19,636	835,446,021	0.000024	203,317	160,963
Southwest	Missouri	6195	CT2A	16,100	835,446,021	0.000019	203,317	160,963
Southwest	Missouri	6195	CT2B	18,045	835,446,021	0.000022	203,317	160,963
St. Francis Power Plant	Missouri	7604	1	3,111,133	835,446,021	0.003724	203,317	160,963
St. Francis Power Plant	Missouri	7604	2	3,024,319	835,446,021	0.003620	203,317	160,963
State Line (MO)	Missouri	7296	1	139,190	835,446,021	0.000167	203,317	160,963
State Line (MO)	Missouri	7296	2-1	7,674,200	835,446,021	0.009186	203,317	160,963
State Line (MO)	Missouri	7296	2-2	7,204,393	835,446,021	0.008623	203,317	160,963
Thomas Hill Energy Center	Missouri	2168	MB1	14,182,754	835,446,021	0.016976	203,317	160,963
Thomas Hill Energy Center	Missouri	2168	MB2	22,185,136	835,446,021	0.026555	203,317	160,963
Thomas Hill Energy Center	Missouri	2168	MB3	45,758,159	835,446,021	0.054771	203,317	160,963
Viaduct	Missouri	2096	CT01	1,474	835,446,021	0.000002	203,317	160,963
Beatrice	Nebraska	8000	1	1,612,183	284,932,328	0.005658	65,436	65,436

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Ralph Green Station	Missouri	2092	3	50,828	45,818	4	3	1	1
Rush Island	Missouri	6155	1	50,828	45,818	10,986	8,697	2,746	2,476
Rush Island	Missouri	6155	2	50,828	45,818	10,069	7,972	2,517	2,269
Sibley	Missouri	2094	1	50,828	45,818	925	732	231	208
Sibley	Missouri	2094	2	50,828	45,818	912	722	228	206
Sibley	Missouri	2094	3	50,828	45,818	5,829	4,615	1,457	1,314
Sikeston	Missouri	6768	1	50,828	45,818	5,283	4,182	1,321	1,191
Sioux	Missouri	2107	1	50,828	45,818	7,804	6,179	1,951	1,759
Sioux	Missouri	2107	2	50,828	45,818	7,041	5,574	1,760	1,587
South Harper Peaking Facility	Missouri	56151	1	50,828	45,818	120	95	30	27
South Harper Peaking Facility	Missouri	56151	2	50,828	45,818	135	107	34	30
South Harper Peaking Facility	Missouri	56151	3	50,828	45,818	164	130	41	37
Southwest	Missouri	6195	1	50,828	45,818	3,336	2,641	834	752
Southwest	Missouri	6195	CT1A	50,828	45,818	5	4	1	1
Southwest	Missouri	6195	CT1B	50,828	45,818	5	4	1	1
Southwest	Missouri	6195	CT2A	50,828	45,818	4	3	1	1
Southwest	Missouri	6195	CT2B	50,828	45,818	4	3	1	1
St. Francis Power Plant	Missouri	7604	1	50,828	45,818	757	599	189	171
St. Francis Power Plant	Missouri	7604	2	50,828	45,818	736	583	184	166
State Line (MO)	Missouri	7296	1	50,828	45,818	34	27	8	8
State Line (MO)	Missouri	7296	2-1	50,828	45,818	1,868	1,479	467	421
State Line (MO)	Missouri	7296	2-2	50,828	45,818	1,753	1,388	438	395
Thomas Hill Energy Center	Missouri	2168	MB1	50,828	45,818	3,452	2,733	863	778
Thomas Hill Energy Center	Missouri	2168	MB2	50,828	45,818	5,399	4,274	1,350	1,217
Thomas Hill Energy Center	Missouri	2168	MB3	50,828	45,818	11,136	8,816	2,784	2,509
Viaduct	Missouri	2096	CT01	50,828	45,818	0	0	0	0
Beatrice	Nebraska	8000	1	28,237	28,237	370	370	160	160

Plant Name	State	ORIS ID	Boiler ID	Step 7				
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Ralph Green Station	Missouri	2092	3					
Rush Island	Missouri	6155	1	13,127	11,725	14,070	14,584	9,126
Rush Island	Missouri	6155	2	11,866	11,193	14,315	14,090	13,336
Sibley	Missouri	2094	1	1,381	1,606	1,504	1,393	1,466
Sibley	Missouri	2094	2	1,422	1,651	1,615	1,412	1,469
Sibley	Missouri	2094	3	9,709	9,602	10,676	9,162	8,861
Sikeston	Missouri	6768	1	6,233	6,251	7,565	6,351	7,002
Sioux	Missouri	2107	1	21,524	22,167	23,595	24,971	23,974
Sioux	Missouri	2107	2	27,858	17,948	27,666	19,177	23,014
South Harper Peaking Facility	Missouri	56151	1			0	0	0
South Harper Peaking Facility	Missouri	56151	2			0	0	0
South Harper Peaking Facility	Missouri	56151	3			0	0	0
Southwest	Missouri	6195	1	3,856	3,412	3,208	4,166	4,229
Southwest	Missouri	6195	CT1A					
Southwest	Missouri	6195	CT1B					
Southwest	Missouri	6195	CT2A					
Southwest	Missouri	6195	CT2B					
St. Francis Power Plant	Missouri	7604	1	0	0	1	1	1
St. Francis Power Plant	Missouri	7604	2	0	1	1	1	1
State Line (MO)	Missouri	7296	1	0	0	0	0	0
State Line (MO)	Missouri	7296	2-1	1	1	2	2	2
State Line (MO)	Missouri	7296	2-2	1	2	2	1	3
Thomas Hill Energy Center	Missouri	2168	MB1	3,193	2,925	2,997	3,140	2,762
Thomas Hill Energy Center	Missouri	2168	MB2	4,422	4,519	4,259	4,792	4,241
Thomas Hill Energy Center	Missouri	2168	MB3	11,281	9,542	9,991	10,564	8,196
Viaduct	Missouri	2096	CT01					
Beatrice	Nebraska	8000	1		0	0	0	1

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Ralph Green Station	Missouri	2092	3		0	0	0		
Rush Island	Missouri	6155	1	15,492	14,754	14,964	15,492		
Rush Island	Missouri	6155	2	14,102	13,573	11,103	14,315		
Sibley	Missouri	2094	1	1,342	1,503	1,437	1,606		
Sibley	Missouri	2094	2	1,272	1,487	1,454	1,651		
Sibley	Missouri	2094	3	6,567	8,797	10,168	10,676		
Sikeston	Missouri	6768	1	6,528	6,023	6,032	7,565		
Sioux	Missouri	2107	1	22,187	23,197	21,495	24,971		
Sioux	Missouri	2107	2	25,942	23,245	18,837	27,858		
South Harper Peaking Facility	Missouri	56151	1	0	0	0	0		
South Harper Peaking Facility	Missouri	56151	2	0	0	0	0		
South Harper Peaking Facility	Missouri	56151	3	0	0	0	0		
Southwest	Missouri	6195	1	3,301	3,780	3,577	4,229		
Southwest	Missouri	6195	CT1A		0	0	0		
Southwest	Missouri	6195	CT1B		0	0	0		
Southwest	Missouri	6195	CT2A		0	0	0		
Southwest	Missouri	6195	CT2B		0	0	0		
St. Francis Power Plant	Missouri	7604	1	1	1	1	1		
St. Francis Power Plant	Missouri	7604	2	1	1	1	1		
State Line (MO)	Missouri	7296	1	0	0	0	0		
State Line (MO)	Missouri	7296	2-1	2	1	2	2		
State Line (MO)	Missouri	7296	2-2	2	1	2	3		
Thomas Hill Energy Center	Missouri	2168	MB1	2,264	2,769	3,060	3,193		
Thomas Hill Energy Center	Missouri	2168	MB2	3,158	4,641	5,147	5,147		
Thomas Hill Energy Center	Missouri	2168	MB3	9,678	9,218	8,861	11,281		
Viaduct	Missouri	2096	CT01			0	0		
Beatrice	Nebraska	8000	1	1	0	0	1		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Ralph Green Station	Missouri	2092	3						
Rush Island	Missouri	6155	1					1,928	1,602
Rush Island	Missouri	6155	2					1,856	1,665
Sibley	Missouri	2094	1					1,431	1,348
Sibley	Missouri	2094	2					1,458	1,384
Sibley	Missouri	2094	3					9,362	7,502
Sikeston	Missouri	6768	1					2,285	2,346
Sioux	Missouri	2107	1					5,457	6,067
Sioux	Missouri	2107	2					6,605	4,077
South Harper Peaking Facility	Missouri	56151	1						
South Harper Peaking Facility	Missouri	56151	2						
South Harper Peaking Facility	Missouri	56151	3						
Southwest	Missouri	6195	1					3,349	2,786
Southwest	Missouri	6195	CT1A						
Southwest	Missouri	6195	CT1B						
Southwest	Missouri	6195	CT2A						
Southwest	Missouri	6195	CT2B						
St. Francis Power Plant	Missouri	7604	1					11	15
St. Francis Power Plant	Missouri	7604	2					17	19
State Line (MO)	Missouri	7296	1					12	5
State Line (MO)	Missouri	7296	2-1					26	24
State Line (MO)	Missouri	7296	2-2					29	43
Thomas Hill Energy Center	Missouri	2168	MB1					8,030	5,047
Thomas Hill Energy Center	Missouri	2168	MB2					5,913	6,068
Thomas Hill Energy Center	Missouri	2168	MB3					6,925	5,764
Viaduct	Missouri	2096	CT01						
Beatrice	Nebraska	8000	1						2

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Ralph Green Station	Missouri	2092	3				11	1
Rush Island	Missouri	6155	1	1,971	1,991	1,268	2,086	1,927
Rush Island	Missouri	6155	2	2,098	1,976	2,019	2,106	1,934
Sibley	Missouri	2094	1	1,008	1,086	1,396	1,211	681
Sibley	Missouri	2094	2	1,125	1,094	1,378	1,185	685
Sibley	Missouri	2094	3	6,967	6,955	7,196	5,331	1,567
Sikeston	Missouri	6768	1	2,687	2,272	2,802	2,233	2,052
Sioux	Missouri	2107	1	3,590	4,048	3,511	3,454	3,590
Sioux	Missouri	2107	2	4,887	3,292	2,938	3,877	3,049
South Harper Peaking Facility	Missouri	56151	1	3	9	15	14	7
South Harper Peaking Facility	Missouri	56151	2	4	12	19	10	5
South Harper Peaking Facility	Missouri	56151	3	3	15	23	13	5
Southwest	Missouri	6195	1	2,685	2,471	2,644	2,034	772
Southwest	Missouri	6195	CT1A				0	0
Southwest	Missouri	6195	CT1B				0	0
Southwest	Missouri	6195	CT2A				0	0
Southwest	Missouri	6195	CT2B				0	1
St. Francis Power Plant	Missouri	7604	1	26	29	31	24	19
St. Francis Power Plant	Missouri	7604	2	29	27	29	22	22
State Line (MO)	Missouri	7296	1	8	5	4	3	4
State Line (MO)	Missouri	7296	2-1	43	44	42	54	21
State Line (MO)	Missouri	7296	2-2	51	29	59	57	36
Thomas Hill Energy Center	Missouri	2168	MB1	4,170	3,987	4,071	3,159	655
Thomas Hill Energy Center	Missouri	2168	MB2	6,182	6,660	7,344	4,683	1,227
Thomas Hill Energy Center	Missouri	2168	MB3	6,120	5,655	4,107	4,272	2,201
Viaduct	Missouri	2096	CT01					0
Beatrice	Nebraska	8000	1	10	7	11	10	4

Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
					Highest value of columns AK - AR				
Calculation									
Ralph Green Station	Missouri	2092	3	2	11				
Rush Island	Missouri	6155	1	1,935	2,086				
Rush Island	Missouri	6155	2	1,449	2,106				
Sibley	Missouri	2094	1	728	1,431				
Sibley	Missouri	2094	2	723	1,458				
Sibley	Missouri	2094	3	1,082	9,362				
Sikeston	Missouri	6768	1	2,050	2,802				
Sioux	Missouri	2107	1	4,028	6,067				
Sioux	Missouri	2107	2	3,472	6,605				
South Harper Peaking Facility	Missouri	56151	1	5	15				
South Harper Peaking Facility	Missouri	56151	2	8	19				
South Harper Peaking Facility	Missouri	56151	3	6	23				
Southwest	Missouri	6195	1	587	3,349				
Southwest	Missouri	6195	CT1A	4	4				
Southwest	Missouri	6195	CT1B	3	3				
Southwest	Missouri	6195	CT2A	3	3				
Southwest	Missouri	6195	CT2B	3	3				
St. Francis Power Plant	Missouri	7604	1	25	31				
St. Francis Power Plant	Missouri	7604	2	25	29				
State Line (MO)	Missouri	7296	1	8	12				
State Line (MO)	Missouri	7296	2-1	57	57				
State Line (MO)	Missouri	7296	2-2	36	59				
Thomas Hill Energy Center	Missouri	2168	MB1	726	8,030				
Thomas Hill Energy Center	Missouri	2168	MB2	4,950	7,344				
Thomas Hill Energy Center	Missouri	2168	MB3	2,063	6,925				
Viaduct	Missouri	2096	CT01	1	1				
Beatrice	Nebraska	8000	1	2	11				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Ralph Green Station	Missouri	2092	3				0
Rush Island	Missouri	6155	1				12,316
Rush Island	Missouri	6155	2				11,289
Sibley	Missouri	2094	1				1,037
Sibley	Missouri	2094	2				1,023
Sibley	Missouri	2094	3				6,536
Sikeston	Missouri	6768	1				5,923
Sioux	Missouri	2107	1				8,750
Sioux	Missouri	2107	2				7,894
South Harper Peaking Facility	Missouri	56151	1				0
South Harper Peaking Facility	Missouri	56151	2				0
South Harper Peaking Facility	Missouri	56151	3				0
Southwest	Missouri	6195	1				3,740
Southwest	Missouri	6195	CT1A				0
Southwest	Missouri	6195	CT1B				0
Southwest	Missouri	6195	CT2A				0
Southwest	Missouri	6195	CT2B				0
St. Francis Power Plant	Missouri	7604	1				1
St. Francis Power Plant	Missouri	7604	2				1
State Line (MO)	Missouri	7296	1				0
State Line (MO)	Missouri	7296	2-1				2
State Line (MO)	Missouri	7296	2-2				3
Thomas Hill Energy Center	Missouri	2168	MB1				3,193
Thomas Hill Energy Center	Missouri	2168	MB2				5,147
Thomas Hill Energy Center	Missouri	2168	MB3				11,281
Viaduct	Missouri	2096	CT01				0
Beatrice	Nebraska	8000	1			1	1

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Ralph Green Station	Missouri	2092	3	0	0	0	0
Rush Island	Missouri	6155	1	9,492	9,492	9,492	9,492
Rush Island	Missouri	6155	2	8,700	8,700	8,700	8,700
Sibley	Missouri	2094	1	799	799	799	799
Sibley	Missouri	2094	2	788	788	788	788
Sibley	Missouri	2094	3	5,037	5,037	5,037	5,037
Sikeston	Missouri	6768	1	4,564	4,564	4,564	4,564
Sioux	Missouri	2107	1	6,743	6,743	6,743	6,743
Sioux	Missouri	2107	2	6,083	6,083	6,083	6,083
South Harper Peaking Facility	Missouri	56151	1	0	0	0	0
South Harper Peaking Facility	Missouri	56151	2	0	0	0	0
South Harper Peaking Facility	Missouri	56151	3	0	0	0	0
Southwest	Missouri	6195	1	2,883	2,883	2,883	2,883
Southwest	Missouri	6195	CT1A	0	0	0	0
Southwest	Missouri	6195	CT1B	0	0	0	0
Southwest	Missouri	6195	CT2A	0	0	0	0
Southwest	Missouri	6195	CT2B	0	0	0	0
St. Francis Power Plant	Missouri	7604	1	1	1	1	1
St. Francis Power Plant	Missouri	7604	2	1	1	1	1
State Line (MO)	Missouri	7296	1	0	0	0	0
State Line (MO)	Missouri	7296	2-1	2	2	2	2
State Line (MO)	Missouri	7296	2-2	3	3	3	3
Thomas Hill Energy Center	Missouri	2168	MB1	2,982	2,982	2,982	2,982
Thomas Hill Energy Center	Missouri	2168	MB2	4,665	4,665	4,665	4,665
Thomas Hill Energy Center	Missouri	2168	MB3	9,621	9,621	9,621	9,621
Viaduct	Missouri	2096	CT01	0	0	0	0
Beatrice	Nebraska	8000	1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Ralph Green Station	Missouri	2092	3	1	1	1	1
Rush Island	Missouri	6155	1	2,086	2,086	2,086	2,086
Rush Island	Missouri	6155	2	2,106	2,106	2,106	2,106
Sibley	Missouri	2094	1	261	249	222	222
Sibley	Missouri	2094	2	257	245	219	219
Sibley	Missouri	2094	3	1,644	1,567	1,400	1,400
Sikeston	Missouri	6768	1	1,490	1,420	1,268	1,268
Sioux	Missouri	2107	1	2,201	2,098	1,874	1,874
Sioux	Missouri	2107	2	1,986	1,893	1,690	1,690
South Harper Peaking Facility	Missouri	56151	1	15	15	15	15
South Harper Peaking Facility	Missouri	56151	2	19	19	19	19
South Harper Peaking Facility	Missouri	56151	3	23	23	23	23
Southwest	Missouri	6195	1	941	897	801	801
Southwest	Missouri	6195	CT1A	1	1	1	1
Southwest	Missouri	6195	CT1B	1	1	1	1
Southwest	Missouri	6195	CT2A	1	1	1	1
Southwest	Missouri	6195	CT2B	1	1	1	1
St. Francis Power Plant	Missouri	7604	1	31	31	31	31
St. Francis Power Plant	Missouri	7604	2	29	29	29	29
State Line (MO)	Missouri	7296	1	10	9	8	8
State Line (MO)	Missouri	7296	2-1	57	57	57	57
State Line (MO)	Missouri	7296	2-2	59	59	59	59
Thomas Hill Energy Center	Missouri	2168	MB1	973	928	829	829
Thomas Hill Energy Center	Missouri	2168	MB2	1,523	1,451	1,296	1,296
Thomas Hill Energy Center	Missouri	2168	MB3	3,141	2,993	2,674	2,674
Viaduct	Missouri	2096	CT01	0	0	0	0
Beatrice	Nebraska	8000	1				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)		
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Ralph Green Station	Missouri	2092	3	1	1			19,322
Rush Island	Missouri	6155	1	2,086	2,086	18,713,851	15,262,992	17,620,540
Rush Island	Missouri	6155	2	2,106	2,106	17,539,305	16,219,567	17,035,549
Sibley	Missouri	2094	1	222	222	1,642,406	1,456,387	1,616,088
Sibley	Missouri	2094	2	219	219	1,628,565	1,743,110	1,600,800
Sibley	Missouri	2094	3	1,400	1,400	9,758,939	11,444,743	8,820,171
Sikeston	Missouri	6768	1	1,268	1,268	10,323,828	9,444,353	9,150,523
Sioux	Missouri	2107	1	1,874	1,874	14,107,121	13,372,967	11,850,066
Sioux	Missouri	2107	2	1,690	1,690	11,362,415	13,034,242	11,985,715
South Harper Peaking Facility	Missouri	56151	1	15	15	341,530	484,874	171,615
South Harper Peaking Facility	Missouri	56151	2	19	19	468,363	657,458	271,513
South Harper Peaking Facility	Missouri	56151	3	23	23	571,009	781,261	374,549
Southwest	Missouri	6195	1	801	801	6,514,445	5,713,564	6,166,000
Southwest	Missouri	6195	CT1A	1	1			3,368
Southwest	Missouri	6195	CT1B	1	1			4,201
Southwest	Missouri	6195	CT2A	1	1			2,815
Southwest	Missouri	6195	CT2B	1	1			2,321
St. Francis Power Plant	Missouri	7604	1	31	31	1,759,723	1,773,376	946,011
St. Francis Power Plant	Missouri	7604	2	29	29	1,607,857	1,482,395	776,985
State Line (MO)	Missouri	7296	1	8	8	69,578	59,935	18,390
State Line (MO)	Missouri	7296	2-1	57	57	4,360,610	3,495,652	2,774,972
State Line (MO)	Missouri	7296	2-2	59	59	3,381,384	4,139,053	2,974,417
Thomas Hill Energy Center	Missouri	2168	MB1	829	829	6,335,243	5,014,246	5,943,788
Thomas Hill Energy Center	Missouri	2168	MB2	1,296	1,296	9,662,876	9,042,361	5,976,036
Thomas Hill Energy Center	Missouri	2168	MB3	2,674	2,674	21,242,744	19,901,984	18,420,929
Viaduct	Missouri	2096	CT01	0	0			
Beatrice	Nebraska	8000	1			847,420	874,419	592,159

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Ralph Green Station	Missouri	2092	3	3,830	12,434	11,862	372,941,836	0.000032
Rush Island	Missouri	6155	1	17,852,067	18,659,992	18,408,637	372,941,836	0.049361
Rush Island	Missouri	6155	2	17,997,253	20,491,525	18,676,028	372,941,836	0.050078
Sibley	Missouri	2094	1	1,439,535	1,532,448	1,596,981	372,941,836	0.004282
Sibley	Missouri	2094	2	1,426,215	1,448,538	1,657,492	372,941,836	0.004444
Sibley	Missouri	2094	3	8,685,499	11,016,735	10,740,139	372,941,836	0.028798
Sikeston	Missouri	6768	1	8,271,432	8,310,694	9,639,568	372,941,836	0.025847
Sioux	Missouri	2107	1	10,892,361	13,299,117	13,593,068	372,941,836	0.036448
Sioux	Missouri	2107	2	11,265,400	10,808,620	12,127,458	372,941,836	0.032518
South Harper Peaking Facility	Missouri	56151	1	80,692	168,165	332,673	372,941,836	0.000892
South Harper Peaking Facility	Missouri	56151	2	123,037	313,719	479,847	372,941,836	0.001287
South Harper Peaking Facility	Missouri	56151	3	168,131	226,625	575,607	372,941,836	0.001543
Southwest	Missouri	6195	1	5,821,187	5,674,628	6,167,210	372,941,836	0.016537
Southwest	Missouri	6195	CT1A	1,461	43,500	16,110	372,941,836	0.000043
Southwest	Missouri	6195	CT1B	3,245	41,856	16,434	372,941,836	0.000044
Southwest	Missouri	6195	CT2A	3,525	38,393	14,911	372,941,836	0.000040
Southwest	Missouri	6195	CT2B	5,713	41,376	16,470	372,941,836	0.000044
St. Francis Power Plant	Missouri	7604	1	1,225,082	1,679,713	1,737,604	372,941,836	0.004659
St. Francis Power Plant	Missouri	7604	2	1,214,362	1,715,557	1,601,936	372,941,836	0.004295
State Line (MO)	Missouri	7296	1	5,162	127,502	85,672	372,941,836	0.000230
State Line (MO)	Missouri	7296	2-1	558,302	4,305,694	4,053,985	372,941,836	0.010870
State Line (MO)	Missouri	7296	2-2	2,514,040	3,092,766	3,537,734	372,941,836	0.009486
Thomas Hill Energy Center	Missouri	2168	MB1	5,111,542	7,009,141	6,429,391	372,941,836	0.017240
Thomas Hill Energy Center	Missouri	2168	MB2	9,316,955	10,391,619	9,790,484	372,941,836	0.026252
Thomas Hill Energy Center	Missouri	2168	MB3	18,264,540	20,352,611	20,499,113	372,941,836	0.054966
Viaduct	Missouri	2096	CT01	911	2,038	1,474	372,941,836	0.000004
Beatrice	Nebraska	8000	1	383,628	234,073	771,333	125,178,677	0.006162

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Ralph Green Station	Missouri	2092	3	22,104	19,833	1	1		
Rush Island	Missouri	6155	1	22,104	19,833	1,091	979	813	825
Rush Island	Missouri	6155	2	22,104	19,833	1,107	993	916	748
Sibley	Missouri	2094	1	22,104	19,833	95	85	630	572
Sibley	Missouri	2094	2	22,104	19,833	98	88	631	578
Sibley	Missouri	2094	3	22,104	19,833	637	571	3,602	2,702
Sikeston	Missouri	6768	1	22,104	19,833	571	513	979	1,013
Sioux	Missouri	2107	1	22,104	19,833	806	723	2,437	2,373
Sioux	Missouri	2107	2	22,104	19,833	719	645	2,771	1,800
South Harper Peaking Facility	Missouri	56151	1	22,104	19,833	20	18		
South Harper Peaking Facility	Missouri	56151	2	22,104	19,833	28	26		
South Harper Peaking Facility	Missouri	56151	3	22,104	19,833	34	31		
Southwest	Missouri	6195	1	22,104	19,833	366	328	1,431	1,258
Southwest	Missouri	6195	CT1A	22,104	19,833	1	1		
Southwest	Missouri	6195	CT1B	22,104	19,833	1	1		
Southwest	Missouri	6195	CT2A	22,104	19,833	1	1		
Southwest	Missouri	6195	CT2B	22,104	19,833	1	1		
St. Francis Power Plant	Missouri	7604	1	22,104	19,833	103	92	7	11
St. Francis Power Plant	Missouri	7604	2	22,104	19,833	95	85	9	14
State Line (MO)	Missouri	7296	1	22,104	19,833	5	5	8	3
State Line (MO)	Missouri	7296	2-1	22,104	19,833	240	216	15	14
State Line (MO)	Missouri	7296	2-2	22,104	19,833	210	188	15	23
Thomas Hill Energy Center	Missouri	2168	MB1	22,104	19,833	381	342	3,009	1,413
Thomas Hill Energy Center	Missouri	2168	MB2	22,104	19,833	580	521	2,219	2,397
Thomas Hill Energy Center	Missouri	2168	MB3	22,104	19,833	1,215	1,090	2,768	2,623
Viaduct	Missouri	2096	CT01	22,104	19,833	0	0		
Beatrice	Nebraska	8000	1						

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Ralph Green Station	Missouri	2092	3				6	1	2
Rush Island	Missouri	6155	1	885	864	672	814	776	812
Rush Island	Missouri	6155	2	907	818	722	810	838	908
Sibley	Missouri	2094	1	539	443	542	432	302	341
Sibley	Missouri	2094	2	517	436	593	429	298	323
Sibley	Missouri	2094	3	2,659	2,887	3,374	2,623	474	412
Sikeston	Missouri	6768	1	1,162	1,089	1,165	953	886	878
Sioux	Missouri	2107	1	1,831	1,678	959	1,325	1,260	1,824
Sioux	Missouri	2107	2	1,970	1,343	863	1,313	1,233	1,285
South Harper Peaking Facility	Missouri	56151	1	2	8	12	4	2	4
South Harper Peaking Facility	Missouri	56151	2	4	11	16	7	3	8
South Harper Peaking Facility	Missouri	56151	3	2	13	20	10	5	6
Southwest	Missouri	6195	1	1,273	1,115	1,067	1,151	264	274
Southwest	Missouri	6195	CT1A				0	0	3
Southwest	Missouri	6195	CT1B				0	0	3
Southwest	Missouri	6195	CT2A				0	0	3
Southwest	Missouri	6195	CT2B				0	1	3
St. Francis Power Plant	Missouri	7604	1	19	16	17	10	11	16
St. Francis Power Plant	Missouri	7604	2	18	15	15	9	12	15
State Line (MO)	Missouri	7296	1	6	3	2	1	0	4
State Line (MO)	Missouri	7296	2-1	25	27	22	19	4	28
State Line (MO)	Missouri	7296	2-2	29	22	27	21	18	21
Thomas Hill Energy Center	Missouri	2168	MB1	1,395	1,596	1,389	1,605	172	326
Thomas Hill Energy Center	Missouri	2168	MB2	1,837	2,583	2,857	1,606	286	2,685
Thomas Hill Energy Center	Missouri	2168	MB3	2,791	2,253	1,909	1,619	451	970
Viaduct	Missouri	2096	CT01					0	1
Beatrice	Nebraska	8000	1	7	5	5	4	2	1

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Ralph Green Station	Missouri	2092	3	6					
Rush Island	Missouri	6155	1	885					
Rush Island	Missouri	6155	2	916					
Sibley	Missouri	2094	1	630					
Sibley	Missouri	2094	2	631					
Sibley	Missouri	2094	3	3,602					
Sikeston	Missouri	6768	1	1,165					
Sioux	Missouri	2107	1	2,437					
Sioux	Missouri	2107	2	2,771					
South Harper Peaking Facility	Missouri	56151	1	12					
South Harper Peaking Facility	Missouri	56151	2	16					
South Harper Peaking Facility	Missouri	56151	3	20					
Southwest	Missouri	6195	1	1,431					
Southwest	Missouri	6195	CT1A	3					
Southwest	Missouri	6195	CT1B	3					
Southwest	Missouri	6195	CT2A	3					
Southwest	Missouri	6195	CT2B	3					
St. Francis Power Plant	Missouri	7604	1	19					
St. Francis Power Plant	Missouri	7604	2	18					
State Line (MO)	Missouri	7296	1	8					
State Line (MO)	Missouri	7296	2-1	28					
State Line (MO)	Missouri	7296	2-2	29					
Thomas Hill Energy Center	Missouri	2168	MB1	3,009					
Thomas Hill Energy Center	Missouri	2168	MB2	2,857					
Thomas Hill Energy Center	Missouri	2168	MB3	2,791					
Viaduct	Missouri	2096	CT01	1					
Beatrice	Nebraska	8000	1	7					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Ralph Green Station	Missouri	2092	3			1	1
Rush Island	Missouri	6155	1			885	885
Rush Island	Missouri	6155	2			916	916
Sibley	Missouri	2094	1			107	102
Sibley	Missouri	2094	2			112	106
Sibley	Missouri	2094	3			723	689
Sikeston	Missouri	6768	1			649	618
Sioux	Missouri	2107	1			915	872
Sioux	Missouri	2107	2			816	778
South Harper Peaking Facility	Missouri	56151	1			12	12
South Harper Peaking Facility	Missouri	56151	2			16	16
South Harper Peaking Facility	Missouri	56151	3			20	20
Southwest	Missouri	6195	1			415	396
Southwest	Missouri	6195	CT1A			1	1
Southwest	Missouri	6195	CT1B			1	1
Southwest	Missouri	6195	CT2A			1	1
Southwest	Missouri	6195	CT2B			1	1
St. Francis Power Plant	Missouri	7604	1			19	19
St. Francis Power Plant	Missouri	7604	2			18	18
State Line (MO)	Missouri	7296	1			6	5
State Line (MO)	Missouri	7296	2-1			28	28
State Line (MO)	Missouri	7296	2-2			29	29
Thomas Hill Energy Center	Missouri	2168	MB1			433	412
Thomas Hill Energy Center	Missouri	2168	MB2			659	628
Thomas Hill Energy Center	Missouri	2168	MB3			1,379	1,315
Viaduct	Missouri	2096	CT01			0	0
Beatrice	Nebraska	8000	1				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Ralph Green Station	Missouri	2092	3	1	1	1	1
Rush Island	Missouri	6155	1	885	885	885	885
Rush Island	Missouri	6155	2	916	916	916	916
Sibley	Missouri	2094	1	91	91	91	91
Sibley	Missouri	2094	2	94	94	94	94
Sibley	Missouri	2094	3	611	611	611	611
Sikeston	Missouri	6768	1	548	548	548	548
Sioux	Missouri	2107	1	773	773	773	773
Sioux	Missouri	2107	2	690	690	690	690
South Harper Peaking Facility	Missouri	56151	1	12	12	12	12
South Harper Peaking Facility	Missouri	56151	2	16	16	16	16
South Harper Peaking Facility	Missouri	56151	3	20	20	20	20
Southwest	Missouri	6195	1	351	351	351	351
Southwest	Missouri	6195	CT1A	1	1	1	1
Southwest	Missouri	6195	CT1B	1	1	1	1
Southwest	Missouri	6195	CT2A	1	1	1	1
Southwest	Missouri	6195	CT2B	1	1	1	1
St. Francis Power Plant	Missouri	7604	1	19	19	19	19
St. Francis Power Plant	Missouri	7604	2	18	18	18	18
State Line (MO)	Missouri	7296	1	5	5	5	5
State Line (MO)	Missouri	7296	2-1	28	28	28	28
State Line (MO)	Missouri	7296	2-2	29	29	29	29
Thomas Hill Energy Center	Missouri	2168	MB1	366	366	366	366
Thomas Hill Energy Center	Missouri	2168	MB2	557	557	557	557
Thomas Hill Energy Center	Missouri	2168	MB3	1,166	1,166	1,166	1,166
Viaduct	Missouri	2096	CT01	0	0	0	0
Beatrice	Nebraska	8000	1				

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Ralph Green Station	Missouri	2092	3	Y	Y		Y		
Rush Island	Missouri	6155	1	Y	Y		Y		
Rush Island	Missouri	6155	2	Y	Y		Y		
Sibley	Missouri	2094	1	Y	Y		Y		
Sibley	Missouri	2094	2	Y	Y		Y		
Sibley	Missouri	2094	3	Y	Y		Y		
Sikeston	Missouri	6768	1	Y	Y		Y		
Sioux	Missouri	2107	1	Y	Y		Y		
Sioux	Missouri	2107	2	Y	Y		Y		
South Harper Peaking Facility	Missouri	56151	1	Y	Y		Y		
South Harper Peaking Facility	Missouri	56151	2	Y	Y		Y		
South Harper Peaking Facility	Missouri	56151	3	Y	Y		Y		
Southwest	Missouri	6195	1	Y	Y		Y		
Southwest	Missouri	6195	CT1A	Y	Y		Y		
Southwest	Missouri	6195	CT1B	Y	Y		Y		
Southwest	Missouri	6195	CT2A	Y	Y		Y		
Southwest	Missouri	6195	CT2B	Y	Y		Y		
St. Francis Power Plant	Missouri	7604	1	Y	Y		Y		
St. Francis Power Plant	Missouri	7604	2	Y	Y		Y		
State Line (MO)	Missouri	7296	1	Y	Y		Y		
State Line (MO)	Missouri	7296	2-1	Y	Y		Y		
State Line (MO)	Missouri	7296	2-2	Y	Y		Y		
Thomas Hill Energy Center	Missouri	2168	MB1	Y	Y		Y		
Thomas Hill Energy Center	Missouri	2168	MB2	Y	Y		Y		
Thomas Hill Energy Center	Missouri	2168	MB3	Y	Y		Y		
Viaduct	Missouri	2096	CT01	Y	Y		Y		
Beatrice	Nebraska	8000	1	Y		Y			

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Beatrice	Nebraska	8000	2	88089	1,280,227	1,892,091	1,341,949	766,444	379,605
C W Burdick	Nebraska	2241	B-3	1372	17,023	13,856	5,535	65,545	6,237
C W Burdick	Nebraska	2241	GT-2	88133	77,763	102,195	85,943	16,635	9,641
C W Burdick	Nebraska	2241	GT-3	88134	93,863	98,299	58,716	12,983	6,666
Canaday	Nebraska	2226	1	1367	473,800	1,458,805	288,744	154,878	292,329
Cass County Station	Nebraska	55972	CT1	89191	590,415	649,014	301,667	73,697	303,239
Cass County Station	Nebraska	55972	CT2	89192	626,721	691,331	639,527	120,268	214,947
Gerald Gentleman Station	Nebraska	6077	1	2754	50,632,642	53,453,160	47,668,279	52,247,088	49,744,536
Gerald Gentleman Station	Nebraska	6077	2	2755	58,461,168	50,686,605	58,783,061	54,242,446	48,449,125
Gerald Whelan Energy Center	Nebraska	60	1	57	6,885,674	6,243,384	6,409,487	5,801,926	5,689,332
Hallam	Nebraska	2265	1		9,971	43,236	23,832	5,160	
Hebron	Nebraska	2266	1		19,211	6,026	9,725	5,607	4,684
J Street	Nebraska	2250	1		4,892	8,143	3,735	5,292	
Jones Street	Nebraska	2290	1		13,820	9,223	4,136	3,794	2,567
Jones Street	Nebraska	2290	2		13,820	9,223	4,136	3,794	2,567
Lon D Wright Power Plant	Nebraska	2240	50T	9176	43,065	7,676	1,298	1,764	1,145
Lon D Wright Power Plant	Nebraska	2240	8	1371	5,266,606	4,714,429	5,336,063	3,890,391	4,575,119
McCook	Nebraska	2271	1		8,948	8,119	22,707	5,679	2,668
Nebraska City Station	Nebraska	6096	1	2775	45,839,961	43,461,945	49,536,241	44,315,527	37,564,191
Nebraska City Station	Nebraska	6096	2	90278				39,341,118	43,539,157
North Omaha Station	Nebraska	2291	1	1381	5,101,641	4,573,138	5,060,850	4,432,447	4,704,175
North Omaha Station	Nebraska	2291	2	1382	6,762,649	6,759,959	6,391,709	5,991,122	6,718,977
North Omaha Station	Nebraska	2291	3	1383	6,511,990	6,633,918	7,089,248	6,256,489	5,783,445
North Omaha Station	Nebraska	2291	4	1384	8,055,757	7,529,504	7,805,412	7,517,570	7,556,431
North Omaha Station	Nebraska	2291	5	1385	13,257,150	12,020,720	14,030,924	11,030,389	14,057,636
Platte	Nebraska	59	1	56	8,732,514	7,962,383	8,487,863	7,306,509	7,002,653
Rokeby	Nebraska	6373	1		42,604	24,527	70,938	24,197	31,202

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Beatrice	Nebraska	8000	2	1,504,756	284,932,328	0.005281	65,436	65,436
C W Burdick	Nebraska	2241	B-3	32,141	284,932,328	0.000113	65,436	65,436
C W Burdick	Nebraska	2241	GT-2	88,634	284,932,328	0.000311	65,436	65,436
C W Burdick	Nebraska	2241	GT-3	83,626	284,932,328	0.000293	65,436	65,436
Canaday	Nebraska	2226	1	741,645	284,932,328	0.002603	65,436	65,436
Cass County Station	Nebraska	55972	CT1	514,223	284,932,328	0.001805	65,436	65,436
Cass County Station	Nebraska	55972	CT2	652,526	284,932,328	0.002290	65,436	65,436
Gerald Gentleman Station	Nebraska	6077	1	52,110,964	284,932,328	0.182889	65,436	65,436
Gerald Gentleman Station	Nebraska	6077	2	57,162,225	284,932,328	0.200617	65,436	65,436
Gerald Whelan Energy Center	Nebraska	60	1	6,512,849	284,932,328	0.022858	65,436	65,436
Hallam	Nebraska	2265	1	25,680	284,932,328	0.000090	65,436	65,436
Hebron	Nebraska	2266	1	11,654	284,932,328	0.000041	65,436	65,436
J Street	Nebraska	2250	1	6,109	284,932,328	0.000021	65,436	65,436
Jones Street	Nebraska	2290	1	9,059	284,932,328	0.000032	65,436	65,436
Jones Street	Nebraska	2290	2	9,059	284,932,328	0.000032	65,436	65,436
Lon D Wright Power Plant	Nebraska	2240	50T	17,501	284,932,328	0.000061	65,436	65,436
Lon D Wright Power Plant	Nebraska	2240	8	5,105,699	284,932,328	0.017919	65,436	65,436
McCook	Nebraska	2271	1	13,258	284,932,328	0.000047	65,436	65,436
Nebraska City Station	Nebraska	6096	1	46,563,909	284,932,328	0.163421	65,436	65,436
Nebraska City Station	Nebraska	6096	2	41,440,137	284,932,328	0.145439	65,436	65,436
North Omaha Station	Nebraska	2291	1	4,955,555	284,932,328	0.017392	65,436	65,436
North Omaha Station	Nebraska	2291	2	6,747,195	284,932,328	0.023680	65,436	65,436
North Omaha Station	Nebraska	2291	3	6,745,052	284,932,328	0.023672	65,436	65,436
North Omaha Station	Nebraska	2291	4	7,805,866	284,932,328	0.027396	65,436	65,436
North Omaha Station	Nebraska	2291	5	13,781,903	284,932,328	0.048369	65,436	65,436
Platte	Nebraska	59	1	8,394,253	284,932,328	0.029461	65,436	65,436
Rokeby	Nebraska	6373	1	48,248	284,932,328	0.000169	65,436	65,436

Step 6									
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Beatrice	Nebraska	8000	2	28,237	28,237	346	346	149	149
C W Burdick	Nebraska	2241	B-3	28,237	28,237	7	7	3	3
C W Burdick	Nebraska	2241	GT-2	28,237	28,237	20	20	9	9
C W Burdick	Nebraska	2241	GT-3	28,237	28,237	19	19	8	8
Canaday	Nebraska	2226	1	28,237	28,237	170	170	73	73
Cass County Station	Nebraska	55972	CT1	28,237	28,237	118	118	51	51
Cass County Station	Nebraska	55972	CT2	28,237	28,237	150	150	65	65
Gerald Gentleman Station	Nebraska	6077	1	28,237	28,237	11,968	11,968	5,164	5,164
Gerald Gentleman Station	Nebraska	6077	2	28,237	28,237	13,128	13,128	5,665	5,665
Gerald Whelan Energy Center	Nebraska	60	1	28,237	28,237	1,496	1,496	645	645
Hallam	Nebraska	2265	1	28,237	28,237	6	6	3	3
Hebron	Nebraska	2266	1	28,237	28,237	3	3	1	1
J Street	Nebraska	2250	1	28,237	28,237	1	1	1	1
Jones Street	Nebraska	2290	1	28,237	28,237	2	2	1	1
Jones Street	Nebraska	2290	2	28,237	28,237	2	2	1	1
Lon D Wright Power Plant	Nebraska	2240	50T	28,237	28,237	4	4	2	2
Lon D Wright Power Plant	Nebraska	2240	8	28,237	28,237	1,173	1,173	506	506
McCook	Nebraska	2271	1	28,237	28,237	3	3	1	1
Nebraska City Station	Nebraska	6096	1	28,237	28,237	10,694	10,694	4,615	4,615
Nebraska City Station	Nebraska	6096	2	28,237	28,237	9,517	9,517	4,107	4,107
North Omaha Station	Nebraska	2291	1	28,237	28,237	1,138	1,138	491	491
North Omaha Station	Nebraska	2291	2	28,237	28,237	1,550	1,550	669	669
North Omaha Station	Nebraska	2291	3	28,237	28,237	1,549	1,549	668	668
North Omaha Station	Nebraska	2291	4	28,237	28,237	1,793	1,793	774	774
North Omaha Station	Nebraska	2291	5	28,237	28,237	3,165	3,165	1,366	1,366
Platte	Nebraska	59	1	28,237	28,237	1,928	1,928	832	832
Rokeby	Nebraska	6373	1	28,237	28,237	11	11	5	5

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Beatrice	Nebraska	8000	2		0	0	0	1
C W Burdick	Nebraska	2241	B-3	0	0	0	0	0
C W Burdick	Nebraska	2241	GT-2	1	0	0	0	0
C W Burdick	Nebraska	2241	GT-3	1	0	0	0	0
Canaday	Nebraska	2226	1	6	6	72	7	82
Cass County Station	Nebraska	55972	CT1	0	0	0	0	0
Cass County Station	Nebraska	55972	CT2	0	0	0	0	0
Gerald Gentleman Station	Nebraska	6077	1	16,613	15,453	14,001	14,854	15,137
Gerald Gentleman Station	Nebraska	6077	2	14,476	16,582	14,170	16,281	13,679
Gerald Whelan Energy Center	Nebraska	60	1	2,152	2,352	2,563	2,330	2,207
Hallam	Nebraska	2265	1		3	1		4
Hebron	Nebraska	2266	1		2	2		1
J Street	Nebraska	2250	1			0		0
Jones Street	Nebraska	2290	1		1	1		1
Jones Street	Nebraska	2290	2		1	1		1
Lon D Wright Power Plant	Nebraska	2240	50T		2	0	1	0
Lon D Wright Power Plant	Nebraska	2240	8	1,017	1,181	1,332	1,400	1,708
McCook	Nebraska	2271	1		2	2		1
Nebraska City Station	Nebraska	6096	1	15,052	15,593	17,550	14,994	14,173
Nebraska City Station	Nebraska	6096	2					
North Omaha Station	Nebraska	2291	1	1,427	1,946	1,840	1,829	1,782
North Omaha Station	Nebraska	2291	2	2,083	2,610	3,019	2,424	2,642
North Omaha Station	Nebraska	2291	3	1,963	2,779	2,999	2,344	2,585
North Omaha Station	Nebraska	2291	4	2,895	3,314	3,760	2,954	3,010
North Omaha Station	Nebraska	2291	5	3,362	5,476	5,087	4,764	4,729
Platte	Nebraska	59	1	2,194	2,158	2,476	2,637	2,641
Rokeby	Nebraska	6373	1		2	1		0

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Beatrice	Nebraska	8000	2	0	0	0	1		
C W Burdick	Nebraska	2241	B-3	0	0	0	0		
C W Burdick	Nebraska	2241	GT-2	2	0	0	2		
C W Burdick	Nebraska	2241	GT-3	2	0	0	2		
Canaday	Nebraska	2226	1	3	3	2	82		
Cass County Station	Nebraska	55972	CT1	0	0	0	0		
Cass County Station	Nebraska	55972	CT2	0	0	0	0		
Gerald Gentleman Station	Nebraska	6077	1	13,928	15,805	14,999	16,613		
Gerald Gentleman Station	Nebraska	6077	2	17,434	16,125	14,742	17,434		
Gerald Whelan Energy Center	Nebraska	60	1	2,229	2,001	2,301	2,563		
Hallam	Nebraska	2265	1				4		
Hebron	Nebraska	2266	1				2		
J Street	Nebraska	2250	1				0		
Jones Street	Nebraska	2290	1				1		
Jones Street	Nebraska	2290	2				1		
Lon D Wright Power Plant	Nebraska	2240	50T	0	0		2		
Lon D Wright Power Plant	Nebraska	2240	8	1,958	1,250	1,206	1,958		
McCook	Nebraska	2271	1				2		
Nebraska City Station	Nebraska	6096	1	17,498	15,697	12,127	17,550		
Nebraska City Station	Nebraska	6096	2		3,377	2,169	3,377		
North Omaha Station	Nebraska	2291	1	1,898	1,676	1,300	1,946		
North Omaha Station	Nebraska	2291	2	2,382	2,252	1,848	3,019		
North Omaha Station	Nebraska	2291	3	2,666	2,338	1,615	2,999		
North Omaha Station	Nebraska	2291	4	2,989	2,849	2,007	3,760		
North Omaha Station	Nebraska	2291	5	5,076	4,044	3,746	5,476		
Platte	Nebraska	59	1	3,086	2,679	2,365	3,086		
Rokeyby	Nebraska	6373	1				2		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Beatrice	Nebraska	8000	2						2
C W Burdick	Nebraska	2241	B-3					11	1
C W Burdick	Nebraska	2241	GT-2					1	0
C W Burdick	Nebraska	2241	GT-3					1	0
Canaday	Nebraska	2226	1					121	21
Cass County Station	Nebraska	55972	CT1					10	9
Cass County Station	Nebraska	55972	CT2					4	6
Gerald Gentleman Station	Nebraska	6077	1					13,695	11,747
Gerald Gentleman Station	Nebraska	6077	2					9,086	9,960
Gerald Whelan Energy Center	Nebraska	60	1					1,047	1,035
Hallam	Nebraska	2265	1						6
Hebron	Nebraska	2266	1						3
J Street	Nebraska	2250	1						
Jones Street	Nebraska	2290	1						2
Jones Street	Nebraska	2290	2						2
Lon D Wright Power Plant	Nebraska	2240	50T						1
Lon D Wright Power Plant	Nebraska	2240	8					398	499
McCook	Nebraska	2271	1						2
Nebraska City Station	Nebraska	6096	1					10,215	9,348
Nebraska City Station	Nebraska	6096	2						
North Omaha Station	Nebraska	2291	1					694	758
North Omaha Station	Nebraska	2291	2					1,029	1,032
North Omaha Station	Nebraska	2291	3					971	1,086
North Omaha Station	Nebraska	2291	4					1,624	1,276
North Omaha Station	Nebraska	2291	5					1,692	2,158
Platte	Nebraska	59	1					1,433	1,287
Rokeyby	Nebraska	6373	1						15

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Beatrice	Nebraska	8000	2	10	8	10	7	5
C W Burdick	Nebraska	2241	B-3	1	2	2	1	8
C W Burdick	Nebraska	2241	GT-2	1	1	2	3	0
C W Burdick	Nebraska	2241	GT-3	1	2	2	2	0
Canaday	Nebraska	2226	1	48	43	168	29	16
Cass County Station	Nebraska	55972	CT1	9	18	19	10	2
Cass County Station	Nebraska	55972	CT2	16	19	20	20	4
Gerald Gentleman Station	Nebraska	6077	1	13,150	7,285	5,709	5,403	5,446
Gerald Gentleman Station	Nebraska	6077	2	9,434	10,361	7,915	10,032	9,540
Gerald Whelan Energy Center	Nebraska	60	1	1,103	1,061	939	1,120	1,067
Hallam	Nebraska	2265	1	6		7		
Hebron	Nebraska	2266	1	4		1		
J Street	Nebraska	2250	1	1		1		
Jones Street	Nebraska	2290	1	1		1		
Jones Street	Nebraska	2290	2	1		1		
Lon D Wright Power Plant	Nebraska	2240	50T	0	1	0	0	1
Lon D Wright Power Plant	Nebraska	2240	8	577	529	484	611	387
McCook	Nebraska	2271	1	3		1		
Nebraska City Station	Nebraska	6096	1	9,995	9,402	9,484	10,271	8,767
Nebraska City Station	Nebraska	6096	2					6,370
North Omaha Station	Nebraska	2291	1	683	769	708	701	703
North Omaha Station	Nebraska	2291	2	1,137	1,031	1,048	877	943
North Omaha Station	Nebraska	2291	3	1,130	991	1,033	987	997
North Omaha Station	Nebraska	2291	4	1,305	1,322	1,278	1,293	1,171
North Omaha Station	Nebraska	2291	5	1,983	2,146	2,057	2,596	1,932
Platte	Nebraska	59	1	1,362	1,504	1,417	1,441	1,274
Rokeby	Nebraska	6373	1	17		9		

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Beatrice	Nebraska	8000	2	3	10				
C W Burdick	Nebraska	2241	B-3	1	11				
C W Burdick	Nebraska	2241	GT-2	0	3				
C W Burdick	Nebraska	2241	GT-3	0	2				
Canaday	Nebraska	2226	1	29	168				
Cass County Station	Nebraska	55972	CT1	10	19				
Cass County Station	Nebraska	55972	CT2	7	20				
Gerald Gentleman Station	Nebraska	6077	1	5,177	13,695				
Gerald Gentleman Station	Nebraska	6077	2	7,988	10,361				
Gerald Whelan Energy Center	Nebraska	60	1	1,079	1,120				
Hallam	Nebraska	2265	1		7				
Hebron	Nebraska	2266	1		4				
J Street	Nebraska	2250	1		1				
Jones Street	Nebraska	2290	1		2				
Jones Street	Nebraska	2290	2		2				
Lon D Wright Power Plant	Nebraska	2240	50T	0	1				
Lon D Wright Power Plant	Nebraska	2240	8	449	611				
McCook	Nebraska	2271	1		3				
Nebraska City Station	Nebraska	6096	1	7,412	10,271				
Nebraska City Station	Nebraska	6096	2	1,418	6,370				
North Omaha Station	Nebraska	2291	1	764	769				
North Omaha Station	Nebraska	2291	2	1,073	1,137				
North Omaha Station	Nebraska	2291	3	933	1,130				
North Omaha Station	Nebraska	2291	4	1,213	1,624				
North Omaha Station	Nebraska	2291	5	2,783	2,783				
Platte	Nebraska	59	1	1,201	1,504				
Rokeby	Nebraska	6373	1		17				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Beatrice	Nebraska	8000	2			1	1
C W Burdick	Nebraska	2241	B-3			0	0
C W Burdick	Nebraska	2241	GT-2			2	2
C W Burdick	Nebraska	2241	GT-3			2	2
Canaday	Nebraska	2226	1			82	82
Cass County Station	Nebraska	55972	CT1			0	0
Cass County Station	Nebraska	55972	CT2			0	0
Gerald Gentleman Station	Nebraska	6077	1			13,780	13,780
Gerald Gentleman Station	Nebraska	6077	2			15,116	15,116
Gerald Whelan Energy Center	Nebraska	60	1			1,722	1,722
Hallam	Nebraska	2265	1			4	4
Hebron	Nebraska	2266	1			2	2
J Street	Nebraska	2250	1			0	0
Jones Street	Nebraska	2290	1			1	1
Jones Street	Nebraska	2290	2			1	1
Lon D Wright Power Plant	Nebraska	2240	50T			2	2
Lon D Wright Power Plant	Nebraska	2240	8			1,350	1,350
McCook	Nebraska	2271	1			2	2
Nebraska City Station	Nebraska	6096	1			12,313	12,313
Nebraska City Station	Nebraska	6096	2			3,377	3,377
North Omaha Station	Nebraska	2291	1			1,310	1,310
North Omaha Station	Nebraska	2291	2			1,784	1,784
North Omaha Station	Nebraska	2291	3			1,784	1,784
North Omaha Station	Nebraska	2291	4			2,064	2,064
North Omaha Station	Nebraska	2291	5			3,645	3,645
Platte	Nebraska	59	1			2,220	2,220
Rokeby	Nebraska	6373	1			2	2

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Beatrice	Nebraska	8000	2	1	1	1	1
C W Burdick	Nebraska	2241	B-3	0	0	0	0
C W Burdick	Nebraska	2241	GT-2	2	2	2	2
C W Burdick	Nebraska	2241	GT-3	2	2	2	2
Canaday	Nebraska	2226	1	82	82	82	82
Cass County Station	Nebraska	55972	CT1	0	0	0	0
Cass County Station	Nebraska	55972	CT2	0	0	0	0
Gerald Gentleman Station	Nebraska	6077	1	13,780	13,780	13,780	13,780
Gerald Gentleman Station	Nebraska	6077	2	15,116	15,116	15,116	15,116
Gerald Whelan Energy Center	Nebraska	60	1	1,722	1,722	1,722	1,722
Hallam	Nebraska	2265	1	4	4	4	4
Hebron	Nebraska	2266	1	2	2	2	2
J Street	Nebraska	2250	1	0	0	0	0
Jones Street	Nebraska	2290	1	1	1	1	1
Jones Street	Nebraska	2290	2	1	1	1	1
Lon D Wright Power Plant	Nebraska	2240	50T	2	2	2	2
Lon D Wright Power Plant	Nebraska	2240	8	1,350	1,350	1,350	1,350
McCook	Nebraska	2271	1	2	2	2	2
Nebraska City Station	Nebraska	6096	1	12,313	12,313	12,313	12,313
Nebraska City Station	Nebraska	6096	2	3,377	3,377	3,377	3,377
North Omaha Station	Nebraska	2291	1	1,310	1,310	1,310	1,310
North Omaha Station	Nebraska	2291	2	1,784	1,784	1,784	1,784
North Omaha Station	Nebraska	2291	3	1,784	1,784	1,784	1,784
North Omaha Station	Nebraska	2291	4	2,064	2,064	2,064	2,064
North Omaha Station	Nebraska	2291	5	3,645	3,645	3,645	3,645
Platte	Nebraska	59	1	2,220	2,220	2,220	2,220
Rokeby	Nebraska	6373	1	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Beatrice	Nebraska	8000	2				
C W Burdick	Nebraska	2241	B-3				
C W Burdick	Nebraska	2241	GT-2				
C W Burdick	Nebraska	2241	GT-3				
Canaday	Nebraska	2226	1				
Cass County Station	Nebraska	55972	CT1				
Cass County Station	Nebraska	55972	CT2				
Gerald Gentleman Station	Nebraska	6077	1				
Gerald Gentleman Station	Nebraska	6077	2				
Gerald Whelan Energy Center	Nebraska	60	1				
Hallam	Nebraska	2265	1				
Hebron	Nebraska	2266	1				
J Street	Nebraska	2250	1				
Jones Street	Nebraska	2290	1				
Jones Street	Nebraska	2290	2				
Lon D Wright Power Plant	Nebraska	2240	50T				
Lon D Wright Power Plant	Nebraska	2240	8				
McCook	Nebraska	2271	1				
Nebraska City Station	Nebraska	6096	1				
Nebraska City Station	Nebraska	6096	2				
North Omaha Station	Nebraska	2291	1				
North Omaha Station	Nebraska	2291	2				
North Omaha Station	Nebraska	2291	3				
North Omaha Station	Nebraska	2291	4				
North Omaha Station	Nebraska	2291	5				
Platte	Nebraska	59	1				
Rokeby	Nebraska	6373	1				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)			
Beatrice	Nebraska	8000	2			886,815	811,980	537,511
C W Burdick	Nebraska	2241	B-3			7,493		
C W Burdick	Nebraska	2241	GT-2			61,977	76,145	80,502
C W Burdick	Nebraska	2241	GT-3			78,273	72,225	54,682
Canada	Nebraska	2226	1			391,068	668,588	288,744
Cass County Station	Nebraska	55972	CT1			525,393	587,007	214,386
Cass County Station	Nebraska	55972	CT2			547,539	637,169	578,537
Gerald Gentleman Station	Nebraska	6077	1			23,146,708	25,865,318	21,965,547
Gerald Gentleman Station	Nebraska	6077	2			24,952,301	19,189,802	23,692,332
Gerald Whelan Energy Center	Nebraska	60	1			3,061,441	3,099,587	2,668,473
Hallam	Nebraska	2265	1			4,693	24,832	6,274
Hebron	Nebraska	2266	1			9,044	3,461	814
J Street	Nebraska	2250	1			2,722	4,901	2,139
Jones Street	Nebraska	2290	1			8,814	5,443	1,744
Jones Street	Nebraska	2290	2			8,814	5,443	1,744
Lon D Wright Power Plant	Nebraska	2240	50T			40,538	7,676	797
Lon D Wright Power Plant	Nebraska	2240	8			2,657,337	2,255,151	2,472,094
McCook	Nebraska	2271	1			4,213	4,665	20,960
Nebraska City Station	Nebraska	6096	1			20,207,942	18,360,214	21,488,819
Nebraska City Station	Nebraska	6096	2					
North Omaha Station	Nebraska	2291	1			2,284,906	1,641,556	2,375,167
North Omaha Station	Nebraska	2291	2			3,110,368	2,780,020	3,060,788
North Omaha Station	Nebraska	2291	3			3,043,117	2,612,430	3,352,487
North Omaha Station	Nebraska	2291	4			3,701,337	3,105,513	3,552,515
North Omaha Station	Nebraska	2291	5			4,787,747	6,121,084	6,350,692
Platte	Nebraska	59	1			3,772,624	3,738,093	3,448,136
Rokey	Nebraska	6373	1			39,819	13,354	6,560

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Beatrice	Nebraska	8000	2	461,193	305,732	745,435	125,178,677	0.005955
C W Burdick	Nebraska	2241	B-3	12,843		10,168	125,178,677	0.000081
C W Burdick	Nebraska	2241	GT-2	14,696	7,515	72,875	125,178,677	0.000582
C W Burdick	Nebraska	2241	GT-3	7,463	4,207	68,394	125,178,677	0.000546
Canaday	Nebraska	2226	1	154,878	281,648	449,467	125,178,677	0.003591
Cass County Station	Nebraska	55972	CT1	50,094	261,929	458,110	125,178,677	0.003660
Cass County Station	Nebraska	55972	CT2	112,500	194,032	587,748	125,178,677	0.004695
Gerald Gentleman Station	Nebraska	6077	1	21,204,749	20,558,537	23,659,191	125,178,677	0.189003
Gerald Gentleman Station	Nebraska	6077	2	19,792,784	17,264,805	22,812,472	125,178,677	0.182239
Gerald Whelan Energy Center	Nebraska	60	1	2,345,324	2,668,866	2,943,298	125,178,677	0.023513
Hallam	Nebraska	2265	1	3,667		11,933	125,178,677	0.000095
Hebron	Nebraska	2266	1	723	1,532	4,679	125,178,677	0.000037
J Street	Nebraska	2250	1	3,391		3,671	125,178,677	0.000029
Jones Street	Nebraska	2290	1	1,668	1,610	5,334	125,178,677	0.000043
Jones Street	Nebraska	2290	2	1,668	1,610	5,334	125,178,677	0.000043
Lon D Wright Power Plant	Nebraska	2240	50T	1,764	925	16,659	125,178,677	0.000133
Lon D Wright Power Plant	Nebraska	2240	8	1,920,195	1,919,003	2,461,527	125,178,677	0.019664
McCook	Nebraska	2271	1	2,815	764	9,946	125,178,677	0.000079
Nebraska City Station	Nebraska	6096	1	18,408,503	18,370,505	20,035,088	125,178,677	0.160052
Nebraska City Station	Nebraska	6096	2	17,683,215	18,092,245	17,887,730	125,178,677	0.142898
North Omaha Station	Nebraska	2291	1	1,430,922	1,740,159	2,133,410	125,178,677	0.017043
North Omaha Station	Nebraska	2291	2	2,551,181	2,803,601	2,991,585	125,178,677	0.023899
North Omaha Station	Nebraska	2291	3	2,199,606	2,444,786	3,002,678	125,178,677	0.023987
North Omaha Station	Nebraska	2291	4	3,054,886	3,539,045	3,597,632	125,178,677	0.028740
North Omaha Station	Nebraska	2291	5	4,763,078	5,570,087	6,013,954	125,178,677	0.048043
Platte	Nebraska	59	1	3,017,140	3,064,535	3,652,951	125,178,677	0.029182
Rokeyby	Nebraska	6373	1	19,766	16,800	25,462	125,178,677	0.000203

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Beatrice	Nebraska	8000	2						
C W Burdick	Nebraska	2241	B-3					0	1
C W Burdick	Nebraska	2241	GT-2					1	0
C W Burdick	Nebraska	2241	GT-3					1	0
Canaday	Nebraska	2226	1					99	21
Cass County Station	Nebraska	55972	CT1					10	8
Cass County Station	Nebraska	55972	CT2					3	5
Gerald Gentleman Station	Nebraska	6077	1					5,599	5,259
Gerald Gentleman Station	Nebraska	6077	2					3,418	3,388
Gerald Whelan Energy Center	Nebraska	60	1					509	446
Hallam	Nebraska	2265	1						2
Hebron	Nebraska	2266	1						1
J Street	Nebraska	2250	1						
Jones Street	Nebraska	2290	1						1
Jones Street	Nebraska	2290	2						1
Lon D Wright Power Plant	Nebraska	2240	50T						0
Lon D Wright Power Plant	Nebraska	2240	8					185	264
McCook	Nebraska	2271	1						
Nebraska City Station	Nebraska	6096	1					4,256	2,814
Nebraska City Station	Nebraska	6096	2						
North Omaha Station	Nebraska	2291	1					285	319
North Omaha Station	Nebraska	2291	2					429	477
North Omaha Station	Nebraska	2291	3					429	480
North Omaha Station	Nebraska	2291	4					665	626
North Omaha Station	Nebraska	2291	5					677	941
Platte	Nebraska	59	1					631	553
Rokeyby	Nebraska	6373	1						12

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Beatrice	Nebraska	8000	2	6	5	5	3	3	2
C W Burdick	Nebraska	2241	B-3	1	1			2	
C W Burdick	Nebraska	2241	GT-2	1	1	1	3	0	0
C W Burdick	Nebraska	2241	GT-3	1	2	1	2	0	0
Canaday	Nebraska	2226	1	44	35	65	29	16	28
Cass County Station	Nebraska	55972	CT1	8	16	17	7	2	9
Cass County Station	Nebraska	55972	CT2	14	16	18	18	4	6
Gerald Gentleman Station	Nebraska	6077	1	5,671	2,686	2,842	2,380	2,164	1,994
Gerald Gentleman Station	Nebraska	6077	2	3,107	4,348	2,892	3,896	3,297	2,578
Gerald Whelan Energy Center	Nebraska	60	1	507	484	460	473	407	499
Hallam	Nebraska	2265	1	3		4			
Hebron	Nebraska	2266	1	2		1			
J Street	Nebraska	2250	1	0		1			
Jones Street	Nebraska	2290	1	1		1			
Jones Street	Nebraska	2290	2	1		1			
Lon D Wright Power Plant	Nebraska	2240	50T	0	1	0	0	1	0
Lon D Wright Power Plant	Nebraska	2240	8	287	266	230	297	194	189
McCook	Nebraska	2271	1	1		1			
Nebraska City Station	Nebraska	6096	1	4,405	4,063	3,803	4,375	3,375	3,576
Nebraska City Station	Nebraska	6096	2					472	592
North Omaha Station	Nebraska	2291	1	342	359	247	306	237	282
North Omaha Station	Nebraska	2291	2	495	491	425	393	410	441
North Omaha Station	Nebraska	2291	3	485	482	404	432	364	394
North Omaha Station	Nebraska	2291	4	582	611	520	588	469	580
North Omaha Station	Nebraska	2291	5	784	776	1,036	1,206	865	1,161
Platte	Nebraska	59	1	577	643	660	581	505	523
Rokeby	Nebraska	6373	1	13		7			

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Beatrice	Nebraska	8000	2	6					
C W Burdick	Nebraska	2241	B-3	2					
C W Burdick	Nebraska	2241	GT-2	3					
C W Burdick	Nebraska	2241	GT-3	2					
Canaday	Nebraska	2226	1	99					
Cass County Station	Nebraska	55972	CT1	17					
Cass County Station	Nebraska	55972	CT2	18					
Gerald Gentleman Station	Nebraska	6077	1	5,671					
Gerald Gentleman Station	Nebraska	6077	2	4,348					
Gerald Whelan Energy Center	Nebraska	60	1	509					
Hallam	Nebraska	2265	1	4					
Hebron	Nebraska	2266	1	2					
J Street	Nebraska	2250	1	1					
Jones Street	Nebraska	2290	1	1					
Jones Street	Nebraska	2290	2	1					
Lon D Wright Power Plant	Nebraska	2240	50T	1					
Lon D Wright Power Plant	Nebraska	2240	8	297					
McCook	Nebraska	2271	1	1					
Nebraska City Station	Nebraska	6096	1	4,405					
Nebraska City Station	Nebraska	6096	2	592					
North Omaha Station	Nebraska	2291	1	359					
North Omaha Station	Nebraska	2291	2	495					
North Omaha Station	Nebraska	2291	3	485					
North Omaha Station	Nebraska	2291	4	665					
North Omaha Station	Nebraska	2291	5	1,206					
Platte	Nebraska	59	1	660					
Rokeyby	Nebraska	6373	1	13					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Beatrice	Nebraska	8000	2				
C W Burdick	Nebraska	2241	B-3				
C W Burdick	Nebraska	2241	GT-2				
C W Burdick	Nebraska	2241	GT-3				
Canaday	Nebraska	2226	1				
Cass County Station	Nebraska	55972	CT1				
Cass County Station	Nebraska	55972	CT2				
Gerald Gentleman Station	Nebraska	6077	1				
Gerald Gentleman Station	Nebraska	6077	2				
Gerald Whelan Energy Center	Nebraska	60	1				
Hallam	Nebraska	2265	1				
Hebron	Nebraska	2266	1				
J Street	Nebraska	2250	1				
Jones Street	Nebraska	2290	1				
Jones Street	Nebraska	2290	2				
Lon D Wright Power Plant	Nebraska	2240	50T				
Lon D Wright Power Plant	Nebraska	2240	8				
McCook	Nebraska	2271	1				
Nebraska City Station	Nebraska	6096	1				
Nebraska City Station	Nebraska	6096	2				
North Omaha Station	Nebraska	2291	1				
North Omaha Station	Nebraska	2291	2				
North Omaha Station	Nebraska	2291	3				
North Omaha Station	Nebraska	2291	4				
North Omaha Station	Nebraska	2291	5				
Platte	Nebraska	59	1				
Rokeby	Nebraska	6373	1				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Beatrice	Nebraska	8000	2				
C W Burdick	Nebraska	2241	B-3				
C W Burdick	Nebraska	2241	GT-2				
C W Burdick	Nebraska	2241	GT-3				
Canaday	Nebraska	2226	1				
Cass County Station	Nebraska	55972	CT1				
Cass County Station	Nebraska	55972	CT2				
Gerald Gentleman Station	Nebraska	6077	1				
Gerald Gentleman Station	Nebraska	6077	2				
Gerald Whelan Energy Center	Nebraska	60	1				
Hallam	Nebraska	2265	1				
Hebron	Nebraska	2266	1				
J Street	Nebraska	2250	1				
Jones Street	Nebraska	2290	1				
Jones Street	Nebraska	2290	2				
Lon D Wright Power Plant	Nebraska	2240	50T				
Lon D Wright Power Plant	Nebraska	2240	8				
McCook	Nebraska	2271	1				
Nebraska City Station	Nebraska	6096	1				
Nebraska City Station	Nebraska	6096	2				
North Omaha Station	Nebraska	2291	1				
North Omaha Station	Nebraska	2291	2				
North Omaha Station	Nebraska	2291	3				
North Omaha Station	Nebraska	2291	4				
North Omaha Station	Nebraska	2291	5				
Platte	Nebraska	59	1				
Rokeyby	Nebraska	6373	1				

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Beatrice	Nebraska	8000	2	Y		Y			
C W Burdick	Nebraska	2241	B-3	Y		Y			
C W Burdick	Nebraska	2241	GT-2	Y		Y			
C W Burdick	Nebraska	2241	GT-3	Y		Y			
Canaday	Nebraska	2226	1	Y		Y			
Cass County Station	Nebraska	55972	CT1	Y		Y			
Cass County Station	Nebraska	55972	CT2	Y		Y			
Gerald Gentleman Station	Nebraska	6077	1	Y		Y			
Gerald Gentleman Station	Nebraska	6077	2	Y		Y			
Gerald Whelan Energy Center	Nebraska	60	1	Y		Y			
Hallam	Nebraska	2265	1	Y		Y		Y	
Hebron	Nebraska	2266	1	Y		Y		Y	
J Street	Nebraska	2250	1	Y		Y		Y	
Jones Street	Nebraska	2290	1	Y		Y		Y	
Jones Street	Nebraska	2290	2	Y		Y		Y	
Lon D Wright Power Plant	Nebraska	2240	50T	Y		Y			
Lon D Wright Power Plant	Nebraska	2240	8	Y		Y			
McCook	Nebraska	2271	1	Y		Y		Y	
Nebraska City Station	Nebraska	6096	1	Y		Y			
Nebraska City Station	Nebraska	6096	2	Y		Y			
North Omaha Station	Nebraska	2291	1	Y		Y			
North Omaha Station	Nebraska	2291	2	Y		Y			
North Omaha Station	Nebraska	2291	3	Y		Y			
North Omaha Station	Nebraska	2291	4	Y		Y			
North Omaha Station	Nebraska	2291	5	Y		Y			
Platte	Nebraska	59	1	Y		Y			
Rokeby	Nebraska	6373	1	Y		Y		Y	

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Rokeby	Nebraska	6373	2	2883	117,756	144,126	32,554	47,807	66,038
Rokeby	Nebraska	6373	3	2884	210,625	214,044	38,384	17,755	78,472
Sarpy County	Nebraska	2292	1		268,328	368,859	439,703	38,698	33,293
Sarpy County	Nebraska	2292	2		268,328	368,859	439,703	38,698	33,293
Sarpy County Station	Nebraska	2292	CT3	1387	608,960	688,636	517,982	141,018	227,724
Sarpy County Station	Nebraska	2292	CT4A	1388	17,265	301,379	158,126	40,658	116,411
Sarpy County Station	Nebraska	2292	CT4B	1389	168,454	314,527	159,539	40,735	114,367
Sarpy County Station	Nebraska	2292	CT5A	1390	229,039	242,225	163,509	55,446	109,434
Sarpy County Station	Nebraska	2292	CT5B	1391	244,372	261,052	174,473	61,045	120,059
Sheldon	Nebraska	2277	1	1379	8,720,555	8,593,272	7,786,033	8,883,123	7,006,924
Sheldon	Nebraska	2277	2	1380	9,756,575	9,743,660	9,364,972	9,159,336	7,554,720
Terry Bundy Generating Station	Nebraska	7887	SVGS2	8370	446,864	680,777	454,904	202,170	385,025
Terry Bundy Generating Station	Nebraska	7887	SVGS3	8372	439,760	683,310	443,215	179,318	379,377
Terry Bundy Generating Station	Nebraska	7887	SVGS4	8374	343,696	539,321	281,722	136,303	231,543
23rd and 3rd	New York	7910	2301	8384	414,027	947,377	782,666	527,335	773,481
23rd and 3rd	New York	7910	2302	8386	511,328	878,387	680,553	310,994	757,043
74th Street	New York	2504	120	1714	1,586,147	1,215,461	916,196	1,269,586	1,200,410
74th Street	New York	2504	121	1715	1,573,803	1,843,127	713,145	1,121,972	1,228,275
74th Street	New York	2504	122	1716	1,581,862	843,168	892,771	1,168,740	1,463,307
AES Cayuga, LLC	New York	2535	1	1768	11,682,235	11,585,517	11,010,303	8,143,421	8,622,868
AES Cayuga, LLC	New York	2535	2	1769	11,649,123	11,518,522	10,830,291	8,445,561	9,795,950
AES Greenidge	New York	2527	4	1757	1,286,777	272,758	124,713	17,429	
AES Greenidge	New York	2527	5	1758	1,072,136	249,568	145,073	15,484	
AES Greenidge	New York	2527	6	1759	5,056,599	7,082,666	6,707,595	4,409,207	5,838,307
AES Somerset (Kintigh)	New York	6082	1	2761	49,411,469	51,554,621	49,526,599	33,819,834	42,878,735
AES Westover (Goudey)	New York	2526	13	1756	4,553,503	5,497,883	4,490,714	2,679,831	2,854,723
AG - Energy	New York	10803	1	3598	48,082	6,444			

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Rokeby	Nebraska	6373	2	109,307	284,932,328	0.000384	65,436	65,436
Rokeby	Nebraska	6373	3	167,713	284,932,328	0.000589	65,436	65,436
Sarpy County	Nebraska	2292	1	358,963	284,932,328	0.001260	65,436	65,436
Sarpy County	Nebraska	2292	2	358,963	284,932,328	0.001260	65,436	65,436
Sarpy County Station	Nebraska	2292	CT3	605,192	284,932,328	0.002124	65,436	65,436
Sarpy County Station	Nebraska	2292	CT4A	191,972	284,932,328	0.000674	65,436	65,436
Sarpy County Station	Nebraska	2292	CT4B	214,173	284,932,328	0.000752	65,436	65,436
Sarpy County Station	Nebraska	2292	CT5A	211,591	284,932,328	0.000743	65,436	65,436
Sarpy County Station	Nebraska	2292	CT5B	226,632	284,932,328	0.000795	65,436	65,436
Sheldon	Nebraska	2277	1	8,732,317	284,932,328	0.030647	65,436	65,436
Sheldon	Nebraska	2277	2	9,621,735	284,932,328	0.033768	65,436	65,436
Terry Bundy Generating Station	Nebraska	7887	SVGS2	527,515	284,932,328	0.001851	65,436	65,436
Terry Bundy Generating Station	Nebraska	7887	SVGS3	522,095	284,932,328	0.001832	65,436	65,436
Terry Bundy Generating Station	Nebraska	7887	SVGS4	388,246	284,932,328	0.001363	65,436	65,436
23rd and 3rd	New York	7910	2301	834,508	707,632,553	0.001179	35,570	27,005
23rd and 3rd	New York	7910	2302	771,995	707,632,553	0.001091	35,570	27,005
74th Street	New York	2504	120	1,357,065	707,632,553	0.001918	35,570	27,005
74th Street	New York	2504	121	1,548,401	707,632,553	0.002188	35,570	27,005
74th Street	New York	2504	122	1,404,636	707,632,553	0.001985	35,570	27,005
AES Cayuga, LLC	New York	2535	1	11,426,019	707,632,553	0.016147	35,570	27,005
AES Cayuga, LLC	New York	2535	2	11,332,645	707,632,553	0.016015	35,570	27,005
AES Greenidge	New York	2527	4	561,416	707,632,553	0.000793	35,570	27,005
AES Greenidge	New York	2527	5	488,925	707,632,553	0.000691	35,570	27,005
AES Greenidge	New York	2527	6	6,542,856	707,632,553	0.009246	35,570	27,005
AES Somerset (Kintigh)	New York	6082	1	50,164,230	707,632,553	0.070890	35,570	27,005
AES Westover (Goudey)	New York	2526	13	4,847,366	707,632,553	0.006850	35,570	27,005
AG - Energy	New York	10803	1	27,263	707,632,553	0.000039	35,570	27,005

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Rokeby	Nebraska	6373	2	28,237	28,237	25	25	11	11
Rokeby	Nebraska	6373	3	28,237	28,237	39	39	17	17
Sarpy County	Nebraska	2292	1	28,237	28,237	82	82	36	36
Sarpy County	Nebraska	2292	2	28,237	28,237	82	82	36	36
Sarpy County Station	Nebraska	2292	CT3	28,237	28,237	139	139	60	60
Sarpy County Station	Nebraska	2292	CT4A	28,237	28,237	44	44	19	19
Sarpy County Station	Nebraska	2292	CT4B	28,237	28,237	49	49	21	21
Sarpy County Station	Nebraska	2292	CT5A	28,237	28,237	49	49	21	21
Sarpy County Station	Nebraska	2292	CT5B	28,237	28,237	52	52	22	22
Sheldon	Nebraska	2277	1	28,237	28,237	2,005	2,005	865	865
Sheldon	Nebraska	2277	2	28,237	28,237	2,210	2,210	954	954
Terry Bundy Generating Station	Nebraska	7887	SVGS2	28,237	28,237	121	121	52	52
Terry Bundy Generating Station	Nebraska	7887	SVGS3	28,237	28,237	120	120	52	52
Terry Bundy Generating Station	Nebraska	7887	SVGS4	28,237	28,237	89	89	38	38
23rd and 3rd	New York	7910	2301	21,288	21,288	42	32	25	25
23rd and 3rd	New York	7910	2302	21,288	21,288	39	29	23	23
74th Street	New York	2504	120	21,288	21,288	68	52	41	41
74th Street	New York	2504	121	21,288	21,288	78	59	47	47
74th Street	New York	2504	122	21,288	21,288	71	54	42	42
AES Cayuga, LLC	New York	2535	1	21,288	21,288	574	436	344	344
AES Cayuga, LLC	New York	2535	2	21,288	21,288	570	432	341	341
AES Greenidge	New York	2527	4	21,288	21,288	28	21	17	17
AES Greenidge	New York	2527	5	21,288	21,288	25	19	15	15
AES Greenidge	New York	2527	6	21,288	21,288	329	250	197	197
AES Somerset (Kintigh)	New York	6082	1	21,288	21,288	2,522	1,914	1,509	1,509
AES Westover (Goudey)	New York	2526	13	21,288	21,288	244	185	146	146
AG - Energy	New York	10803	1	21,288	21,288	1	1	1	1

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Rokeyby	Nebraska	6373	2	0	0	0	0	0
Rokeyby	Nebraska	6373	3	0	0	0	0	0
Sarpy County	Nebraska	2292	1		3	5		1
Sarpy County	Nebraska	2292	2		3	5		1
Sarpy County Station	Nebraska	2292	CT3	1	0	1	0	1
Sarpy County Station	Nebraska	2292	CT4A	0	0	0	0	0
Sarpy County Station	Nebraska	2292	CT4B	0	0	0	0	0
Sarpy County Station	Nebraska	2292	CT5A	0	0	0	0	0
Sarpy County Station	Nebraska	2292	CT5B	0	0	0	0	0
Sheldon	Nebraska	2277	1	1,931	2,311	2,419	2,134	2,203
Sheldon	Nebraska	2277	2	2,547	2,457	2,460	2,269	2,424
Terry Bundy Generating Station	Nebraska	7887	SVGS2		0	0	0	0
Terry Bundy Generating Station	Nebraska	7887	SVGS3		0	0	0	1
Terry Bundy Generating Station	Nebraska	7887	SVGS4		0	0	0	0
23rd and 3rd	New York	7910	2301	0	0	0	0	0
23rd and 3rd	New York	7910	2302	0	0	0	0	0
74th Street	New York	2504	120	151	364	309	246	189
74th Street	New York	2504	121	274	315	409	244	286
74th Street	New York	2504	122	280	337	389	246	131
AES Cayuga, LLC	New York	2535	1	2,050	1,530	1,505	675	1,402
AES Cayuga, LLC	New York	2535	2	2,120	1,513	1,463	658	2,258
AES Greenidge	New York	2527	4	3,377	1,914	2,146	2,054	398
AES Greenidge	New York	2527	5	3,455	1,823	1,963	1,743	351
AES Greenidge	New York	2527	6	12,812	12,002	10,244	8,027	2,333
AES Somerset (Kintigh)	New York	6082	1	5,672	4,744	3,131	2,573	4,261
AES Westover (Goudey)	New York	2526	13	9,149	8,466	7,642	6,176	7,233
AG - Energy	New York	10803	1	0	2	0	0	0

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns V - AC		
Rokeyby	Nebraska	6373	2	0	0	0	0		
Rokeyby	Nebraska	6373	3	0	0	0	0		
Sarpy County	Nebraska	2292	1				5		
Sarpy County	Nebraska	2292	2				5		
Sarpy County Station	Nebraska	2292	CT3	0	0	0	1		
Sarpy County Station	Nebraska	2292	CT4A	0	0	0	0		
Sarpy County Station	Nebraska	2292	CT4B	0	0	0	0		
Sarpy County Station	Nebraska	2292	CT5A	0	0	0	0		
Sarpy County Station	Nebraska	2292	CT5B	0	0	0	0		
Sheldon	Nebraska	2277	1	2,108	2,702	1,844	2,702		
Sheldon	Nebraska	2277	2	2,444	2,692	1,914	2,692		
Terry Bundy Generating Station	Nebraska	7887	SVGS2	0	0	0	0		
Terry Bundy Generating Station	Nebraska	7887	SVGS3	0	0	0	1		
Terry Bundy Generating Station	Nebraska	7887	SVGS4	0	0	0	0		
23rd and 3rd	New York	7910	2301	0	0	0	0		
23rd and 3rd	New York	7910	2302	0	0	0	0		
74th Street	New York	2504	120	143	199	190	364		
74th Street	New York	2504	121	112	176	194	409		
74th Street	New York	2504	122	140	183	231	389		
AES Cayuga, LLC	New York	2535	1	1,433	1,111	5,201	5,201		
AES Cayuga, LLC	New York	2535	2	1,392	1,087	5,886	5,886		
AES Greenidge	New York	2527	4	177	23		3,377		
AES Greenidge	New York	2527	5	201	21		3,455		
AES Greenidge	New York	2527	6	448	371	449	12,812		
AES Somerset (Kintigh)	New York	6082	1	3,937	5,070	7,618	7,618		
AES Westover (Goudey)	New York	2526	13	6,135	2,193	379	9,149		
AG - Energy	New York	10803	1				2		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Rokeby	Nebraska	6373	2					21	9
Rokeby	Nebraska	6373	3					7	6
Sarpy County	Nebraska	2292	1						18
Sarpy County	Nebraska	2292	2						18
Sarpy County Station	Nebraska	2292	CT3					18	6
Sarpy County Station	Nebraska	2292	CT4A					8	4
Sarpy County Station	Nebraska	2292	CT4B					8	4
Sarpy County Station	Nebraska	2292	CT5A					7	4
Sarpy County Station	Nebraska	2292	CT5B					7	4
Sheldon	Nebraska	2277	1					3,366	4,080
Sheldon	Nebraska	2277	2					4,107	3,786
Terry Bundy Generating Station	Nebraska	7887	SVGS2						45
Terry Bundy Generating Station	Nebraska	7887	SVGS3						48
Terry Bundy Generating Station	Nebraska	7887	SVGS4						20
23rd and 3rd	New York	7910	2301					3	3
23rd and 3rd	New York	7910	2302					3	2
74th Street	New York	2504	120					124	274
74th Street	New York	2504	121					215	233
74th Street	New York	2504	122					217	249
AES Cayuga, LLC	New York	2535	1					1,721	1,469
AES Cayuga, LLC	New York	2535	2					1,795	1,368
AES Greenidge	New York	2527	4					698	392
AES Greenidge	New York	2527	5					717	375
AES Greenidge	New York	2527	6					1,398	1,131
AES Somerset (Kintigh)	New York	6082	1					5,052	3,513
AES Westover (Goudey)	New York	2526	13					1,414	1,088
AG - Energy	New York	10803	1					15	30

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Rokeyby	Nebraska	6373	2	8	7	9	3	18
Rokeyby	Nebraska	6373	3	9	13	12	3	1
Sarpy County	Nebraska	2292	1	45		34		
Sarpy County	Nebraska	2292	2	45		34		
Sarpy County Station	Nebraska	2292	CT3	20	19	22	17	4
Sarpy County Station	Nebraska	2292	CT4A	10	1	13	7	2
Sarpy County Station	Nebraska	2292	CT4B	9	7	13	7	2
Sarpy County Station	Nebraska	2292	CT5A	7	9	9	7	2
Sarpy County Station	Nebraska	2292	CT5B	8	9	10	8	3
Sheldon	Nebraska	2277	1	4,795	4,150	4,258	3,955	4,277
Sheldon	Nebraska	2277	2	4,405	4,079	4,186	3,762	3,360
Terry Bundy Generating Station	Nebraska	7887	SVGS2	17	6	9	5	3
Terry Bundy Generating Station	Nebraska	7887	SVGS3	12	6	9	4	3
Terry Bundy Generating Station	Nebraska	7887	SVGS4	10	4	6	4	2
23rd and 3rd	New York	7910	2301	3	2	5	4	3
23rd and 3rd	New York	7910	2302	3	3	5	4	2
74th Street	New York	2504	120	216	163	121	93	130
74th Street	New York	2504	121	274	158	173	69	110
74th Street	New York	2504	122	262	157	82	84	116
AES Cayuga, LLC	New York	2535	1	1,141	1,177	1,231	1,183	937
AES Cayuga, LLC	New York	2535	2	1,146	1,266	1,344	1,249	1,173
AES Greenidge	New York	2527	4	477	459	90	38	5
AES Greenidge	New York	2527	5	439	384	82	44	5
AES Greenidge	New York	2527	6	1,173	1,058	674	539	362
AES Somerset (Kintigh)	New York	6082	1	3,337	4,307	4,750	4,910	3,748
AES Westover (Goudey)	New York	2526	13	1,002	868	844	694	213
AG - Energy	New York	10803	1	10	2	0		

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Rokeyby	Nebraska	6373	2	8	21				
Rokeyby	Nebraska	6373	3	4	13				
Sarpy County	Nebraska	2292	1		45				
Sarpy County	Nebraska	2292	2		45				
Sarpy County Station	Nebraska	2292	CT3	6	22				
Sarpy County Station	Nebraska	2292	CT4A	5	13				
Sarpy County Station	Nebraska	2292	CT4B	4	13				
Sarpy County Station	Nebraska	2292	CT5A	4	9				
Sarpy County Station	Nebraska	2292	CT5B	5	10				
Sheldon	Nebraska	2277	1	3,310	4,795				
Sheldon	Nebraska	2277	2	2,513	4,405				
Terry Bundy Generating Station	Nebraska	7887	SVGS2	4	45				
Terry Bundy Generating Station	Nebraska	7887	SVGS3	6	48				
Terry Bundy Generating Station	Nebraska	7887	SVGS4	6	20				
23rd and 3rd	New York	7910	2301	4	5				
23rd and 3rd	New York	7910	2302	4	5				
74th Street	New York	2504	120	121	274				
74th Street	New York	2504	121	119	274				
74th Street	New York	2504	122	137	262				
AES Cayuga, LLC	New York	2535	1	1,143	1,721				
AES Cayuga, LLC	New York	2535	2	1,475	1,795				
AES Greenidge	New York	2527	4		698				
AES Greenidge	New York	2527	5		717				
AES Greenidge	New York	2527	6	561	1,398				
AES Somerset (Kintigh)	New York	6082	1	4,516	5,052				
AES Westover (Goudey)	New York	2526	13	181	1,414				
AG - Energy	New York	10803	1		30				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Rokeby	Nebraska	6373	2			0	0
Rokeby	Nebraska	6373	3			0	0
Sarpy County	Nebraska	2292	1			5	5
Sarpy County	Nebraska	2292	2			5	5
Sarpy County Station	Nebraska	2292	CT3			1	1
Sarpy County Station	Nebraska	2292	CT4A			0	0
Sarpy County Station	Nebraska	2292	CT4B			0	0
Sarpy County Station	Nebraska	2292	CT5A			0	0
Sarpy County Station	Nebraska	2292	CT5B			0	0
Sheldon	Nebraska	2277	1			2,309	2,309
Sheldon	Nebraska	2277	2			2,544	2,544
Terry Bundy Generating Station	Nebraska	7887	SVGS2			0	0
Terry Bundy Generating Station	Nebraska	7887	SVGS3			1	1
Terry Bundy Generating Station	Nebraska	7887	SVGS4			0	0
23rd and 3rd	New York	7910	2301			0	0
23rd and 3rd	New York	7910	2302			0	0
74th Street	New York	2504	120			139	139
74th Street	New York	2504	121			159	159
74th Street	New York	2504	122			144	144
AES Cayuga, LLC	New York	2535	1			1,172	1,172
AES Cayuga, LLC	New York	2535	2			1,163	1,163
AES Greenidge	New York	2527	4			58	58
AES Greenidge	New York	2527	5			50	50
AES Greenidge	New York	2527	6			671	671
AES Somerset (Kintigh)	New York	6082	1			5,147	5,147
AES Westover (Goudey)	New York	2526	13			497	497
AG - Energy	New York	10803	1			2	2

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Rokeby	Nebraska	6373	2	0	0	0	0
Rokeby	Nebraska	6373	3	0	0	0	0
Sarpy County	Nebraska	2292	1	5	5	5	5
Sarpy County	Nebraska	2292	2	5	5	5	5
Sarpy County Station	Nebraska	2292	CT3	1	1	1	1
Sarpy County Station	Nebraska	2292	CT4A	0	0	0	0
Sarpy County Station	Nebraska	2292	CT4B	0	0	0	0
Sarpy County Station	Nebraska	2292	CT5A	0	0	0	0
Sarpy County Station	Nebraska	2292	CT5B	0	0	0	0
Sheldon	Nebraska	2277	1	2,309	2,309	2,309	2,309
Sheldon	Nebraska	2277	2	2,544	2,544	2,544	2,544
Terry Bundy Generating Station	Nebraska	7887	SVGS2	0	0	0	0
Terry Bundy Generating Station	Nebraska	7887	SVGS3	1	1	1	1
Terry Bundy Generating Station	Nebraska	7887	SVGS4	0	0	0	0
23rd and 3rd	New York	7910	2301	0	0	0	0
23rd and 3rd	New York	7910	2302	0	0	0	0
74th Street	New York	2504	120	102	102	102	102
74th Street	New York	2504	121	116	116	116	116
74th Street	New York	2504	122	105	105	105	105
AES Cayuga, LLC	New York	2535	1	855	855	855	855
AES Cayuga, LLC	New York	2535	2	848	848	848	848
AES Greenidge	New York	2527	4	42	42	42	42
AES Greenidge	New York	2527	5	37	37	37	37
AES Greenidge	New York	2527	6	490	490	490	490
AES Somerset (Kintigh)	New York	6082	1	3,754	3,754	3,754	3,754
AES Westover (Goudey)	New York	2526	13	363	363	363	363
AG - Energy	New York	10803	1	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Rokeyby	Nebraska	6373	2				
Rokeyby	Nebraska	6373	3				
Sarpy County	Nebraska	2292	1				
Sarpy County	Nebraska	2292	2				
Sarpy County Station	Nebraska	2292	CT3				
Sarpy County Station	Nebraska	2292	CT4A				
Sarpy County Station	Nebraska	2292	CT4B				
Sarpy County Station	Nebraska	2292	CT5A				
Sarpy County Station	Nebraska	2292	CT5B				
Sheldon	Nebraska	2277	1				
Sheldon	Nebraska	2277	2				
Terry Bundy Generating Station	Nebraska	7887	SVGS2				
Terry Bundy Generating Station	Nebraska	7887	SVGS3				
Terry Bundy Generating Station	Nebraska	7887	SVGS4				
23rd and 3rd	New York	7910	2301	5	5	5	5
23rd and 3rd	New York	7910	2302	5	5	5	5
74th Street	New York	2504	120	60	60	60	60
74th Street	New York	2504	121	69	69	69	69
74th Street	New York	2504	122	62	62	62	62
AES Cayuga, LLC	New York	2535	1	506	506	506	506
AES Cayuga, LLC	New York	2535	2	502	502	502	502
AES Greenidge	New York	2527	4	25	25	25	25
AES Greenidge	New York	2527	5	22	22	22	22
AES Greenidge	New York	2527	6	290	290	290	290
AES Somerset (Kintigh)	New York	6082	1	2,221	2,221	2,221	2,221
AES Westover (Goudey)	New York	2526	13	215	215	215	215
AG - Energy	New York	10803	1	1	1	1	1

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Rokeby	Nebraska	6373	2			106,681	105,513	12,115
Rokeby	Nebraska	6373	3			187,880	189,563	31,611
Sarpy County	Nebraska	2292	1			224,544	280,930	345,561
Sarpy County	Nebraska	2292	2			224,544	280,930	345,561
Sarpy County Station	Nebraska	2292	CT3			481,907	664,160	414,155
Sarpy County Station	Nebraska	2292	CT4A				218,017	122,244
Sarpy County Station	Nebraska	2292	CT4B			131,682	226,530	125,884
Sarpy County Station	Nebraska	2292	CT5A			166,890	187,507	121,165
Sarpy County Station	Nebraska	2292	CT5B			178,565	201,289	128,837
Sheldon	Nebraska	2277	1			3,776,459	3,581,991	2,954,545
Sheldon	Nebraska	2277	2			3,976,247	4,412,704	3,782,383
Terry Bundy Generating Station	Nebraska	7887	SVGS2			374,988	474,549	294,653
Terry Bundy Generating Station	Nebraska	7887	SVGS3			368,627	474,039	298,159
Terry Bundy Generating Station	Nebraska	7887	SVGS4			249,729	298,400	143,672
23rd and 3rd	New York	7910	2301	5	5	327,453	587,236	323,703
23rd and 3rd	New York	7910	2302	5	5	423,475	536,508	266,733
74th Street	New York	2504	120	60	60	559,476	283,498	102,271
74th Street	New York	2504	121	69	69	503,207	599,082	51,726
74th Street	New York	2504	122	62	62	500,647	126,742	2,448
AES Cayuga, LLC	New York	2535	1	506	506	5,168,454	5,341,017	4,569,822
AES Cayuga, LLC	New York	2535	2	502	502	4,782,196	4,846,867	4,648,677
AES Greenidge	New York	2527	4	25	25	423,939	122,659	71,616
AES Greenidge	New York	2527	5	22	22	437,130	90,284	79,951
AES Greenidge	New York	2527	6	290	290	2,592,487	2,956,014	2,756,537
AES Somerset (Kintigh)	New York	6082	1	2,221	2,221	21,048,200	21,988,303	21,733,546
AES Westover (Goudey)	New York	2526	13	215	215	1,035,748	2,332,447	1,997,030
AG - Energy	New York	10803	1	1	1	19,088		

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Rokeby	Nebraska	6373	2	26,935	47,217	86,470	125,178,677	0.000691
Rokeby	Nebraska	6373	3	15,265	72,438	149,961	125,178,677	0.001198
Sarpy County	Nebraska	2292	1	25,656	21,232	283,678	125,178,677	0.002266
Sarpy County	Nebraska	2292	2	25,656	21,232	283,678	125,178,677	0.002266
Sarpy County Station	Nebraska	2292	CT3	111,524	220,954	520,074	125,178,677	0.004155
Sarpy County Station	Nebraska	2292	CT4A	27,171	105,470	148,577	125,178,677	0.001187
Sarpy County Station	Nebraska	2292	CT4B	27,442	104,394	161,365	125,178,677	0.001289
Sarpy County Station	Nebraska	2292	CT5A	35,375	92,858	158,521	125,178,677	0.001266
Sarpy County Station	Nebraska	2292	CT5B	39,632	103,572	169,564	125,178,677	0.001355
Sheldon	Nebraska	2277	1	3,707,555	3,404,225	3,688,668	125,178,677	0.029467
Sheldon	Nebraska	2277	2	3,710,228	3,538,278	4,057,111	125,178,677	0.032411
Terry Bundy Generating Station	Nebraska	7887	SVGS2	155,206	348,618	399,385	125,178,677	0.003191
Terry Bundy Generating Station	Nebraska	7887	SVGS3	148,937	331,103	391,256	125,178,677	0.003126
Terry Bundy Generating Station	Nebraska	7887	SVGS4	84,731	178,781	242,303	125,178,677	0.001936
23rd and 3rd	New York	7910	2301	243,818	572,921	495,870	338,914,478	0.001463
23rd and 3rd	New York	7910	2302	182,181	514,556	491,513	338,914,478	0.001450
74th Street	New York	2504	120	128,759	172,717	338,564	338,914,478	0.000999
74th Street	New York	2504	121	72,347	285,413	462,567	338,914,478	0.001365
74th Street	New York	2504	122	38,147	409,787	345,725	338,914,478	0.001020
AES Cayuga, LLC	New York	2535	1	2,215,977	4,381,373	5,026,431	338,914,478	0.014831
AES Cayuga, LLC	New York	2535	2	2,448,717	3,994,098	4,759,246	338,914,478	0.014043
AES Greenidge	New York	2527	4			206,071	338,914,478	0.000608
AES Greenidge	New York	2527	5			202,455	338,914,478	0.000597
AES Greenidge	New York	2527	6	1,245,922	2,492,333	2,768,346	338,914,478	0.008168
AES Somerset (Kintigh)	New York	6082	1	16,451,706	20,930,547	21,590,016	338,914,478	0.063703
AES Westover (Goudey)	New York	2526	13	298,474	1,484,810	1,938,096	338,914,478	0.005719
AG - Energy	New York	10803	1			19,088	338,914,478	0.000056

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
Calculation						Column BS x column BT	Column BS x column BU		
Rokeby	Nebraska	6373	2					20	6
Rokeby	Nebraska	6373	3					7	5
Sarpy County	Nebraska	2292	1						13
Sarpy County	Nebraska	2292	2						13
Sarpy County Station	Nebraska	2292	CT3					13	4
Sarpy County Station	Nebraska	2292	CT4A					6	3
Sarpy County Station	Nebraska	2292	CT4B					6	3
Sarpy County Station	Nebraska	2292	CT5A					5	3
Sarpy County Station	Nebraska	2292	CT5B					5	3
Sheldon	Nebraska	2277	1					863	1,551
Sheldon	Nebraska	2277	2					1,632	1,459
Terry Bundy Generating Station	Nebraska	7887	SVGS2						38
Terry Bundy Generating Station	Nebraska	7887	SVGS3						38
Terry Bundy Generating Station	Nebraska	7887	SVGS4						14
23rd and 3rd	New York	7910	2301	10,162	10,162	15	15	2	2
23rd and 3rd	New York	7910	2302	10,162	10,162	15	15	2	1
74th Street	New York	2504	120	10,162	10,162	10	10	10	94
74th Street	New York	2504	121	10,162	10,162	14	14	93	68
74th Street	New York	2504	122	10,162	10,162	10	10	85	63
AES Cayuga, LLC	New York	2535	1	10,162	10,162	151	151	475	434
AES Cayuga, LLC	New York	2535	2	10,162	10,162	143	143	489	381
AES Greenidge	New York	2527	4	10,162	10,162	6	6	196	136
AES Greenidge	New York	2527	5	10,162	10,162	6	6	210	124
AES Greenidge	New York	2527	6	10,162	10,162	83	83	497	435
AES Somerset (Kintigh)	New York	6082	1	10,162	10,162	647	647	1,175	1,396
AES Westover (Goudey)	New York	2526	13	10,162	10,162	58	58	466	408
AG - Energy	New York	10803	1	10,162	10,162	1	1	9	9

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Rokeyby	Nebraska	6373	2	6	6	6	1	11	6
Rokeyby	Nebraska	6373	3	7	11	10	2	1	4
Sarpy County	Nebraska	2292	1	37		28			
Sarpy County	Nebraska	2292	2	37		28			
Sarpy County Station	Nebraska	2292	CT3	17	15	21	14	3	6
Sarpy County Station	Nebraska	2292	CT4A	8		9	5	1	5
Sarpy County Station	Nebraska	2292	CT4B	7	5	9	5	1	4
Sarpy County Station	Nebraska	2292	CT5A	6	6	7	5	1	4
Sarpy County Station	Nebraska	2292	CT5B	7	7	8	5	2	4
Sheldon	Nebraska	2277	1	2,112	1,831	1,658	1,461	1,761	1,580
Sheldon	Nebraska	2277	2	1,971	1,658	1,861	1,428	1,202	1,138
Terry Bundy Generating Station	Nebraska	7887	SVGS2	16	3	4	2	2	3
Terry Bundy Generating Station	Nebraska	7887	SVGS3	8	4	4	3	3	5
Terry Bundy Generating Station	Nebraska	7887	SVGS4	8	2	3	2	1	4
23rd and 3rd	New York	7910	2301	2	2	3	2	1	3
23rd and 3rd	New York	7910	2302	2	2	3	1	1	2
74th Street	New York	2504	120	52	56	28	10	14	18
74th Street	New York	2504	121	82	48	54	4	6	27
74th Street	New York	2504	122	74	47	12	0	4	35
AES Cayuga, LLC	New York	2535	1	493	477	528	472	186	590
AES Cayuga, LLC	New York	2535	2	485	465	506	507	375	593
AES Greenidge	New York	2527	4	228	149	43	21		
AES Greenidge	New York	2527	5	212	157	33	23		
AES Greenidge	New York	2527	6	466	547	245	224	111	226
AES Somerset (Kintigh)	New York	6082	1	1,217	1,520	2,046	1,631	2,141	1,797
AES Westover (Goudey)	New York	2526	13	436	183	336	310	20	91
AG - Energy	New York	10803	1	5	1				

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Rokeby	Nebraska	6373	2	20					
Rokeby	Nebraska	6373	3	11					
Sarpy County	Nebraska	2292	1	37					
Sarpy County	Nebraska	2292	2	37					
Sarpy County Station	Nebraska	2292	CT3	21					
Sarpy County Station	Nebraska	2292	CT4A	9					
Sarpy County Station	Nebraska	2292	CT4B	9					
Sarpy County Station	Nebraska	2292	CT5A	7					
Sarpy County Station	Nebraska	2292	CT5B	8					
Sheldon	Nebraska	2277	1	2,112					
Sheldon	Nebraska	2277	2	1,971					
Terry Bundy Generating Station	Nebraska	7887	SVGS2	38					
Terry Bundy Generating Station	Nebraska	7887	SVGS3	38					
Terry Bundy Generating Station	Nebraska	7887	SVGS4	14					
23rd and 3rd	New York	7910	2301	3					
23rd and 3rd	New York	7910	2302	3					
74th Street	New York	2504	120	94					
74th Street	New York	2504	121	93					
74th Street	New York	2504	122	85					
AES Cayuga, LLC	New York	2535	1	590					
AES Cayuga, LLC	New York	2535	2	593					
AES Greenidge	New York	2527	4	228					
AES Greenidge	New York	2527	5	212					
AES Greenidge	New York	2527	6	547					
AES Somerset (Kintigh)	New York	6082	1	2,141					
AES Westover (Goudey)	New York	2526	13	466					
AG - Energy	New York	10803	1	9					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Rokeyby	Nebraska	6373	2				
Rokeyby	Nebraska	6373	3				
Sarpy County	Nebraska	2292	1				
Sarpy County	Nebraska	2292	2				
Sarpy County Station	Nebraska	2292	CT3				
Sarpy County Station	Nebraska	2292	CT4A				
Sarpy County Station	Nebraska	2292	CT4B				
Sarpy County Station	Nebraska	2292	CT5A				
Sarpy County Station	Nebraska	2292	CT5B				
Sheldon	Nebraska	2277	1				
Sheldon	Nebraska	2277	2				
Terry Bundy Generating Station	Nebraska	7887	SVGS2				
Terry Bundy Generating Station	Nebraska	7887	SVGS3				
Terry Bundy Generating Station	Nebraska	7887	SVGS4				
23rd and 3rd	New York	7910	2301			3	3
23rd and 3rd	New York	7910	2302			3	3
74th Street	New York	2504	120			15	15
74th Street	New York	2504	121			20	20
74th Street	New York	2504	122			15	15
AES Cayuga, LLC	New York	2535	1			216	216
AES Cayuga, LLC	New York	2535	2			204	204
AES Greenidge	New York	2527	4			9	9
AES Greenidge	New York	2527	5			9	9
AES Greenidge	New York	2527	6			119	119
AES Somerset (Kintigh)	New York	6082	1			926	926
AES Westover (Goudey)	New York	2526	13			83	83
AG - Energy	New York	10803	1			1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)
Rokeyby	Nebraska	6373	2				
Rokeyby	Nebraska	6373	3				
Sarpy County	Nebraska	2292	1				
Sarpy County	Nebraska	2292	2				
Sarpy County Station	Nebraska	2292	CT3				
Sarpy County Station	Nebraska	2292	CT4A				
Sarpy County Station	Nebraska	2292	CT4B				
Sarpy County Station	Nebraska	2292	CT5A				
Sarpy County Station	Nebraska	2292	CT5B				
Sheldon	Nebraska	2277	1				
Sheldon	Nebraska	2277	2				
Terry Bundy Generating Station	Nebraska	7887	SVGS2				
Terry Bundy Generating Station	Nebraska	7887	SVGS3				
Terry Bundy Generating Station	Nebraska	7887	SVGS4				
23rd and 3rd	New York	7910	2301	3	3	3	3
23rd and 3rd	New York	7910	2302	3	3	3	3
74th Street	New York	2504	120	15	15	15	15
74th Street	New York	2504	121	20	20	20	20
74th Street	New York	2504	122	15	15	15	15
AES Cayuga, LLC	New York	2535	1	216	216	216	216
AES Cayuga, LLC	New York	2535	2	204	204	204	204
AES Greenidge	New York	2527	4	9	9	9	9
AES Greenidge	New York	2527	5	9	9	9	9
AES Greenidge	New York	2527	6	119	119	119	119
AES Somerset (Kintigh)	New York	6082	1	926	926	926	926
AES Westover (Goudey)	New York	2526	13	83	83	83	83
AG - Energy	New York	10803	1	1	1	1	1

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Rokeby	Nebraska	6373	2	Y		Y			
Rokeby	Nebraska	6373	3	Y		Y			
Sarpy County	Nebraska	2292	1	Y		Y		Y	
Sarpy County	Nebraska	2292	2	Y		Y		Y	
Sarpy County Station	Nebraska	2292	CT3	Y		Y			
Sarpy County Station	Nebraska	2292	CT4A	Y		Y			
Sarpy County Station	Nebraska	2292	CT4B	Y		Y			
Sarpy County Station	Nebraska	2292	CT5A	Y		Y			
Sarpy County Station	Nebraska	2292	CT5B	Y		Y			
Sheldon	Nebraska	2277	1	Y		Y			
Sheldon	Nebraska	2277	2	Y		Y			
Terry Bundy Generating Station	Nebraska	7887	SVGS2	Y		Y			
Terry Bundy Generating Station	Nebraska	7887	SVGS3	Y		Y			
Terry Bundy Generating Station	Nebraska	7887	SVGS4	Y		Y			
23rd and 3rd	New York	7910	2301	Y	Y		Y		
23rd and 3rd	New York	7910	2302	Y	Y		Y		
74th Street	New York	2504	120	Y	Y		Y		
74th Street	New York	2504	121	Y	Y		Y		
74th Street	New York	2504	122	Y	Y		Y		
AES Cayuga, LLC	New York	2535	1	Y	Y		Y		
AES Cayuga, LLC	New York	2535	2	Y	Y		Y		
AES Greenidge	New York	2527	4	Y	Y		Y		
AES Greenidge	New York	2527	5	Y	Y		Y		
AES Greenidge	New York	2527	6	Y	Y		Y		
AES Somerset (Kintigh)	New York	6082	1	Y	Y		Y		
AES Westover (Goudey)	New York	2526	13	Y	Y		Y		
AG - Energy	New York	10803	1	Y	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
AG - Energy	New York	10803	2	3599	24,798	457			
Allegany Station No. 133	New York	10619	00001	3562	543,430	645,811	282,554	445,804	413,640
Arthur Kill	New York	2490	20	1610	6,933,880	6,017,743	8,646,371	5,337,777	6,042,045
Arthur Kill	New York	2490	30	1611	4,212,513	10,403,297	5,380,502	5,304,211	4,510,564
Astoria Energy	New York	55375	CT1	4581	7,531,000	11,706,036	8,353,744	11,323,543	11,888,402
Astoria Energy	New York	55375	CT2	4582	7,600,488	11,602,752	7,929,982	12,100,252	11,671,018
Astoria Gas Turbine Power	New York	55243	CT2-1A	3498	71,655	60,754	77,265	24,799	22,185
Astoria Gas Turbine Power	New York	55243	CT2-1B	10215	71,655	60,754	77,265	24,799	22,185
Astoria Gas Turbine Power	New York	55243	CT2-2A	3499	76,309	53,456	103,594	41,310	49,088
Astoria Gas Turbine Power	New York	55243	CT2-2B	10217	76,309	53,456	103,594	41,310	49,088
Astoria Gas Turbine Power	New York	55243	CT2-3A	3500	81,983	38,633	65,089	23,970	23,970
Astoria Gas Turbine Power	New York	55243	CT2-3B	10219	81,983	38,633	65,089	23,970	23,970
Astoria Gas Turbine Power	New York	55243	CT2-4A	3501	86,065	70,444	80,644	30,090	28,815
Astoria Gas Turbine Power	New York	55243	CT2-4B	10221	86,065	70,444	80,644	30,090	28,815
Astoria Gas Turbine Power	New York	55243	CT3-1A	3502	54,446	29,198	124,695	15,300	13,898
Astoria Gas Turbine Power	New York	55243	CT3-1B	10223	54,446	29,198	124,695	15,300	13,898
Astoria Gas Turbine Power	New York	55243	CT3-2A	3503	84,471	58,334	74,906	31,875	39,525
Astoria Gas Turbine Power	New York	55243	CT3-2B	10225	84,471	58,334	74,906	31,875	39,525
Astoria Gas Turbine Power	New York	55243	CT3-3A	3504	72,229	48,256	79,305	16,065	12,623
Astoria Gas Turbine Power	New York	55243	CT3-3B	10227	72,229	48,256	79,305	16,065	12,623
Astoria Gas Turbine Power	New York	55243	CT3-4A	3505	42,843	42,582	99,450	50,108	47,813
Astoria Gas Turbine Power	New York	55243	CT3-4B	10229	42,269	42,582	102,255	50,108	47,813
Astoria Gas Turbine Power	New York	55243	CT4-1A	3506	122,338	96,581	52,658	20,400	19,763
Astoria Gas Turbine Power	New York	55243	CT4-1B	10231	122,338	96,581	52,658	20,400	19,763
Astoria Gas Turbine Power	New York	55243	CT4-2A	3507	84,599	79,114	40,800	23,460	21,994
Astoria Gas Turbine Power	New York	55243	CT4-2B	10233	84,599	79,114	44,115	23,460	21,994
Astoria Gas Turbine Power	New York	55243	CT4-3A	3508	95,179	75,289	56,610	21,420	21,484

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
AG - Energy	New York	10803	2	12,628	707,632,553	0.000018	35,570	27,005
Allegany Station No. 133	New York	10619	00001	545,015	707,632,553	0.000770	35,570	27,005
Arthur Kill	New York	2490	20	7,207,432	707,632,553	0.010185	35,570	27,005
Arthur Kill	New York	2490	30	7,029,337	707,632,553	0.009934	35,570	27,005
Astoria Energy	New York	55375	CT1	11,639,327	707,632,553	0.016448	35,570	27,005
Astoria Energy	New York	55375	CT2	11,791,341	707,632,553	0.016663	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT2-1A	69,891	707,632,553	0.000099	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT2-1B	69,891	707,632,553	0.000099	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT2-2A	77,786	707,632,553	0.000110	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT2-2B	77,786	707,632,553	0.000110	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT2-3A	61,901	707,632,553	0.000087	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT2-3B	61,901	707,632,553	0.000087	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT2-4A	79,051	707,632,553	0.000112	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT2-4B	79,051	707,632,553	0.000112	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT3-1A	69,447	707,632,553	0.000098	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT3-1B	69,447	707,632,553	0.000098	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT3-2A	72,571	707,632,553	0.000103	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT3-2B	72,571	707,632,553	0.000103	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT3-3A	66,597	707,632,553	0.000094	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT3-3B	66,597	707,632,553	0.000094	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT3-4A	65,790	707,632,553	0.000093	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT3-4B	66,725	707,632,553	0.000094	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT4-1A	90,526	707,632,553	0.000128	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT4-1B	90,526	707,632,553	0.000128	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT4-2A	68,171	707,632,553	0.000096	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT4-2B	69,276	707,632,553	0.000098	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT4-3A	75,693	707,632,553	0.000107	35,570	27,005

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
AG - Energy	New York	10803	2	21,288	21,288	1	0	0	0
Allegany Station No. 133	New York	10619	00001	21,288	21,288	27	21	16	16
Arthur Kill	New York	2490	20	21,288	21,288	362	275	217	217
Arthur Kill	New York	2490	30	21,288	21,288	353	268	211	211
Astoria Energy	New York	55375	CT1	21,288	21,288	585	444	350	350
Astoria Energy	New York	55375	CT2	21,288	21,288	593	450	355	355
Astoria Gas Turbine Power	New York	55243	CT2-1A	21,288	21,288	4	3	2	2
Astoria Gas Turbine Power	New York	55243	CT2-1B	21,288	21,288	4	3	2	2
Astoria Gas Turbine Power	New York	55243	CT2-2A	21,288	21,288	4	3	2	2
Astoria Gas Turbine Power	New York	55243	CT2-2B	21,288	21,288	4	3	2	2
Astoria Gas Turbine Power	New York	55243	CT2-3A	21,288	21,288	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-3B	21,288	21,288	3	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-4A	21,288	21,288	4	3	2	2
Astoria Gas Turbine Power	New York	55243	CT2-4B	21,288	21,288	4	3	2	2
Astoria Gas Turbine Power	New York	55243	CT3-1A	21,288	21,288	3	3	2	2
Astoria Gas Turbine Power	New York	55243	CT3-1B	21,288	21,288	3	3	2	2
Astoria Gas Turbine Power	New York	55243	CT3-2A	21,288	21,288	4	3	2	2
Astoria Gas Turbine Power	New York	55243	CT3-2B	21,288	21,288	4	3	2	2
Astoria Gas Turbine Power	New York	55243	CT3-3A	21,288	21,288	3	3	2	2
Astoria Gas Turbine Power	New York	55243	CT3-3B	21,288	21,288	3	3	2	2
Astoria Gas Turbine Power	New York	55243	CT3-4A	21,288	21,288	3	3	2	2
Astoria Gas Turbine Power	New York	55243	CT3-4B	21,288	21,288	3	3	2	2
Astoria Gas Turbine Power	New York	55243	CT4-1A	21,288	21,288	5	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-1B	21,288	21,288	5	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-2A	21,288	21,288	3	3	2	2
Astoria Gas Turbine Power	New York	55243	CT4-2B	21,288	21,288	3	3	2	2
Astoria Gas Turbine Power	New York	55243	CT4-3A	21,288	21,288	4	3	2	2

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
AG - Energy	New York	10803	2	0	1	0	0	
Allegany Station No. 133	New York	10619	00001	0	0	0	0	0
Arthur Kill	New York	2490	20	2	2	3	2	2
Arthur Kill	New York	2490	30	1	2	2	1	3
Astoria Energy	New York	55375	CT1				2	5
Astoria Energy	New York	55375	CT2				2	5
Astoria Gas Turbine Power	New York	55243	CT2-1A					
Astoria Gas Turbine Power	New York	55243	CT2-1B					
Astoria Gas Turbine Power	New York	55243	CT2-2A					
Astoria Gas Turbine Power	New York	55243	CT2-2B					
Astoria Gas Turbine Power	New York	55243	CT2-3A					
Astoria Gas Turbine Power	New York	55243	CT2-3B					
Astoria Gas Turbine Power	New York	55243	CT2-4A					
Astoria Gas Turbine Power	New York	55243	CT2-4B					
Astoria Gas Turbine Power	New York	55243	CT3-1A					
Astoria Gas Turbine Power	New York	55243	CT3-1B					
Astoria Gas Turbine Power	New York	55243	CT3-2A					
Astoria Gas Turbine Power	New York	55243	CT3-2B					
Astoria Gas Turbine Power	New York	55243	CT3-3A					
Astoria Gas Turbine Power	New York	55243	CT3-3B					
Astoria Gas Turbine Power	New York	55243	CT3-4A					
Astoria Gas Turbine Power	New York	55243	CT3-4B					
Astoria Gas Turbine Power	New York	55243	CT4-1A					
Astoria Gas Turbine Power	New York	55243	CT4-1B					
Astoria Gas Turbine Power	New York	55243	CT4-2A					
Astoria Gas Turbine Power	New York	55243	CT4-2B					
Astoria Gas Turbine Power	New York	55243	CT4-3A					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns V - AC		
AG - Energy	New York	10803	2				1		
Allegany Station No. 133	New York	10619	00001	0	0	0	0		
Arthur Kill	New York	2490	20	3	2	2	3		
Arthur Kill	New York	2490	30	2	2	1	3		
Astoria Energy	New York	55375	CT1	3	4	5	5		
Astoria Energy	New York	55375	CT2	2	4	4	5		
Astoria Gas Turbine Power	New York	55243	CT2-1A		1	0	1		
Astoria Gas Turbine Power	New York	55243	CT2-1B		1	0	1		
Astoria Gas Turbine Power	New York	55243	CT2-2A		2	1	2		
Astoria Gas Turbine Power	New York	55243	CT2-2B		2	1	2		
Astoria Gas Turbine Power	New York	55243	CT2-3A		1	0	1		
Astoria Gas Turbine Power	New York	55243	CT2-3B		1	0	1		
Astoria Gas Turbine Power	New York	55243	CT2-4A		0	0	0		
Astoria Gas Turbine Power	New York	55243	CT2-4B		0	0	0		
Astoria Gas Turbine Power	New York	55243	CT3-1A		0	0	0		
Astoria Gas Turbine Power	New York	55243	CT3-1B		0	0	0		
Astoria Gas Turbine Power	New York	55243	CT3-2A		1	1	1		
Astoria Gas Turbine Power	New York	55243	CT3-2B		1	1	1		
Astoria Gas Turbine Power	New York	55243	CT3-3A		0	0	0		
Astoria Gas Turbine Power	New York	55243	CT3-3B		0	0	0		
Astoria Gas Turbine Power	New York	55243	CT3-4A		1	1	1		
Astoria Gas Turbine Power	New York	55243	CT3-4B		1	1	1		
Astoria Gas Turbine Power	New York	55243	CT4-1A		0	1	1		
Astoria Gas Turbine Power	New York	55243	CT4-1B		0	1	1		
Astoria Gas Turbine Power	New York	55243	CT4-2A		0	1	1		
Astoria Gas Turbine Power	New York	55243	CT4-2B		0	1	1		
Astoria Gas Turbine Power	New York	55243	CT4-3A		0	1	1		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
AG - Energy	New York	10803	2					5	10
Allegany Station No. 133	New York	10619	00001					20	11
Arthur Kill	New York	2490	20					226	170
Arthur Kill	New York	2490	30					97	195
Astoria Energy	New York	55375	CT1						
Astoria Energy	New York	55375	CT2						
Astoria Gas Turbine Power	New York	55243	CT2-1A					29	40
Astoria Gas Turbine Power	New York	55243	CT2-1B					29	40
Astoria Gas Turbine Power	New York	55243	CT2-2A					28	33
Astoria Gas Turbine Power	New York	55243	CT2-2B					28	33
Astoria Gas Turbine Power	New York	55243	CT2-3A					19	29
Astoria Gas Turbine Power	New York	55243	CT2-3B					19	29
Astoria Gas Turbine Power	New York	55243	CT2-4A					14	28
Astoria Gas Turbine Power	New York	55243	CT2-4B					14	28
Astoria Gas Turbine Power	New York	55243	CT3-1A					8	18
Astoria Gas Turbine Power	New York	55243	CT3-1B					8	18
Astoria Gas Turbine Power	New York	55243	CT3-2A					10	15
Astoria Gas Turbine Power	New York	55243	CT3-2B					10	15
Astoria Gas Turbine Power	New York	55243	CT3-3A					9	22
Astoria Gas Turbine Power	New York	55243	CT3-3B					9	22
Astoria Gas Turbine Power	New York	55243	CT3-4A					8	23
Astoria Gas Turbine Power	New York	55243	CT3-4B					8	23
Astoria Gas Turbine Power	New York	55243	CT4-1A					10	40
Astoria Gas Turbine Power	New York	55243	CT4-1B					10	40
Astoria Gas Turbine Power	New York	55243	CT4-2A					14	33
Astoria Gas Turbine Power	New York	55243	CT4-2B					14	33
Astoria Gas Turbine Power	New York	55243	CT4-3A					4	30

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
AG - Energy	New York	10803	2	3	1	0		
Allegany Station No. 133	New York	10619	00001	11	8	10	4	7
Arthur Kill	New York	2490	20	367	297	264	314	205
Arthur Kill	New York	2490	30	315	193	475	236	258
Astoria Energy	New York	55375	CT1		101	49	34	46
Astoria Energy	New York	55375	CT2		91	73	47	42
Astoria Gas Turbine Power	New York	55243	CT2-1A	54	18	16	22	7
Astoria Gas Turbine Power	New York	55243	CT2-1B	54	18	16	22	7
Astoria Gas Turbine Power	New York	55243	CT2-2A	54	19	15	29	12
Astoria Gas Turbine Power	New York	55243	CT2-2B	54	19	15	29	12
Astoria Gas Turbine Power	New York	55243	CT2-3A	69	20	11	18	6
Astoria Gas Turbine Power	New York	55243	CT2-3B	69	20	11	18	6
Astoria Gas Turbine Power	New York	55243	CT2-4A	71	21	19	23	8
Astoria Gas Turbine Power	New York	55243	CT2-4B	71	21	19	23	8
Astoria Gas Turbine Power	New York	55243	CT3-1A	56	13	8	34	4
Astoria Gas Turbine Power	New York	55243	CT3-1B	56	13	8	34	4
Astoria Gas Turbine Power	New York	55243	CT3-2A	57	21	15	20	9
Astoria Gas Turbine Power	New York	55243	CT3-2B	57	21	15	20	9
Astoria Gas Turbine Power	New York	55243	CT3-3A	56	18	13	24	5
Astoria Gas Turbine Power	New York	55243	CT3-3B	56	18	13	24	5
Astoria Gas Turbine Power	New York	55243	CT3-4A	51	11	13	29	15
Astoria Gas Turbine Power	New York	55243	CT3-4B	48	11	12	28	14
Astoria Gas Turbine Power	New York	55243	CT4-1A	58	30	28	16	5
Astoria Gas Turbine Power	New York	55243	CT4-1B	58	30	28	16	5
Astoria Gas Turbine Power	New York	55243	CT4-2A	50	23	26	14	7
Astoria Gas Turbine Power	New York	55243	CT4-2B	54	21	23	14	6
Astoria Gas Turbine Power	New York	55243	CT4-3A	50	24	23	16	6

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
AG - Energy	New York	10803	2		10				
Allegany Station No. 133	New York	10619	00001	6	20				
Arthur Kill	New York	2490	20	259	367				
Arthur Kill	New York	2490	30	214	475				
Astoria Energy	New York	55375	CT1	39	101				
Astoria Energy	New York	55375	CT2	64	91				
Astoria Gas Turbine Power	New York	55243	CT2-1A	6	54				
Astoria Gas Turbine Power	New York	55243	CT2-1B	6	54				
Astoria Gas Turbine Power	New York	55243	CT2-2A	13	54				
Astoria Gas Turbine Power	New York	55243	CT2-2B	13	54				
Astoria Gas Turbine Power	New York	55243	CT2-3A	6	69				
Astoria Gas Turbine Power	New York	55243	CT2-3B	6	69				
Astoria Gas Turbine Power	New York	55243	CT2-4A	8	71				
Astoria Gas Turbine Power	New York	55243	CT2-4B	8	71				
Astoria Gas Turbine Power	New York	55243	CT3-1A	4	56				
Astoria Gas Turbine Power	New York	55243	CT3-1B	4	56				
Astoria Gas Turbine Power	New York	55243	CT3-2A	11	57				
Astoria Gas Turbine Power	New York	55243	CT3-2B	11	57				
Astoria Gas Turbine Power	New York	55243	CT3-3A	3	56				
Astoria Gas Turbine Power	New York	55243	CT3-3B	3	56				
Astoria Gas Turbine Power	New York	55243	CT3-4A	14	51				
Astoria Gas Turbine Power	New York	55243	CT3-4B	14	48				
Astoria Gas Turbine Power	New York	55243	CT4-1A	6	58				
Astoria Gas Turbine Power	New York	55243	CT4-1B	6	58				
Astoria Gas Turbine Power	New York	55243	CT4-2A	7	50				
Astoria Gas Turbine Power	New York	55243	CT4-2B	7	54				
Astoria Gas Turbine Power	New York	55243	CT4-3A	6	50				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
AG - Energy	New York	10803	2			1	1
Allegany Station No. 133	New York	10619	00001			0	0
Arthur Kill	New York	2490	20			3	3
Arthur Kill	New York	2490	30			3	3
Astoria Energy	New York	55375	CT1			5	5
Astoria Energy	New York	55375	CT2			5	5
Astoria Gas Turbine Power	New York	55243	CT2-1A			1	1
Astoria Gas Turbine Power	New York	55243	CT2-1B			1	1
Astoria Gas Turbine Power	New York	55243	CT2-2A			2	2
Astoria Gas Turbine Power	New York	55243	CT2-2B			2	2
Astoria Gas Turbine Power	New York	55243	CT2-3A			1	1
Astoria Gas Turbine Power	New York	55243	CT2-3B			1	1
Astoria Gas Turbine Power	New York	55243	CT2-4A			0	0
Astoria Gas Turbine Power	New York	55243	CT2-4B			0	0
Astoria Gas Turbine Power	New York	55243	CT3-1A			0	0
Astoria Gas Turbine Power	New York	55243	CT3-1B			0	0
Astoria Gas Turbine Power	New York	55243	CT3-2A			1	1
Astoria Gas Turbine Power	New York	55243	CT3-2B			1	1
Astoria Gas Turbine Power	New York	55243	CT3-3A			0	0
Astoria Gas Turbine Power	New York	55243	CT3-3B			0	0
Astoria Gas Turbine Power	New York	55243	CT3-4A			1	1
Astoria Gas Turbine Power	New York	55243	CT3-4B			1	1
Astoria Gas Turbine Power	New York	55243	CT4-1A			1	1
Astoria Gas Turbine Power	New York	55243	CT4-1B			1	1
Astoria Gas Turbine Power	New York	55243	CT4-2A			1	1
Astoria Gas Turbine Power	New York	55243	CT4-2B			1	1
Astoria Gas Turbine Power	New York	55243	CT4-3A			1	1

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
AG - Energy	New York	10803	2	1	1	1	1
Allegany Station No. 133	New York	10619	00001	0	0	0	0
Arthur Kill	New York	2490	20	3	3	3	3
Arthur Kill	New York	2490	30	3	3	3	3
Astoria Energy	New York	55375	CT1	5	5	5	5
Astoria Energy	New York	55375	CT2	5	5	5	5
Astoria Gas Turbine Power	New York	55243	CT2-1A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-1B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-2A	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-2B	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-3A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-3B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-4A	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT2-4B	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-1A	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-1B	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-2A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-2B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-3A	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-3B	0	0	0	0
Astoria Gas Turbine Power	New York	55243	CT3-4A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-4B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-1A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-1B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-2A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-2B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-3A	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
AG - Energy	New York	10803	2	1	1	1	1
Allegany Station No. 133	New York	10619	00001	20	20	20	20
Arthur Kill	New York	2490	20	319	319	319	319
Arthur Kill	New York	2490	30	311	311	311	311
Astoria Energy	New York	55375	CT1	101	101	101	101
Astoria Energy	New York	55375	CT2	91	91	91	91
Astoria Gas Turbine Power	New York	55243	CT2-1A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-1B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-2A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-2B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-3A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-3B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-4A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT2-4B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-1A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-1B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-2A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-2B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-3A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-3B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-4A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT3-4B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-1A	4	4	4	4
Astoria Gas Turbine Power	New York	55243	CT4-1B	4	4	4	4
Astoria Gas Turbine Power	New York	55243	CT4-2A	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-2B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-3A	3	3	3	3

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
AG - Energy	New York	10803	2	1	1	11,293	8	
Allegany Station No. 133	New York	10619	00001	20	20	448,507	276,998	179,413
Arthur Kill	New York	2490	20	319	319	4,320,425	4,271,863	4,749,554
Arthur Kill	New York	2490	30	311	311	3,416,298	6,896,164	3,720,413
Astoria Energy	New York	55375	CT1	101	101	5,059,213	5,009,165	4,944,609
Astoria Energy	New York	55375	CT2	91	91	5,075,829	4,929,405	4,984,674
Astoria Gas Turbine Power	New York	55243	CT2-1A	3	3	32,130	20,400	32,895
Astoria Gas Turbine Power	New York	55243	CT2-1B	3	3	32,130	20,400	32,895
Astoria Gas Turbine Power	New York	55243	CT2-2A	3	3	39,525	17,595	55,590
Astoria Gas Turbine Power	New York	55243	CT2-2B	3	3	39,525	17,595	55,590
Astoria Gas Turbine Power	New York	55243	CT2-3A	3	3	34,680	12,240	34,935
Astoria Gas Turbine Power	New York	55243	CT2-3B	3	3	34,680	12,240	34,935
Astoria Gas Turbine Power	New York	55243	CT2-4A	3	3	26,712	17,595	37,485
Astoria Gas Turbine Power	New York	55243	CT2-4B	3	3	26,712	17,595	37,485
Astoria Gas Turbine Power	New York	55243	CT3-1A	3	3	31,366	11,603	70,316
Astoria Gas Turbine Power	New York	55243	CT3-1B	3	3	31,366	11,603	70,316
Astoria Gas Turbine Power	New York	55243	CT3-2A	3	3	44,053	22,249	42,585
Astoria Gas Turbine Power	New York	55243	CT3-2B	3	3	44,053	22,249	42,585
Astoria Gas Turbine Power	New York	55243	CT3-3A	3	3	39,844	17,847	26,265
Astoria Gas Turbine Power	New York	55243	CT3-3B	3	3	39,844	17,847	26,265
Astoria Gas Turbine Power	New York	55243	CT3-4A	3	3	17,405	18,870	57,630
Astoria Gas Turbine Power	New York	55243	CT3-4B	3	3	16,831	18,870	60,435
Astoria Gas Turbine Power	New York	55243	CT4-1A	4	4	50,745	34,425	26,584
Astoria Gas Turbine Power	New York	55243	CT4-1B	4	4	50,745	34,425	26,584
Astoria Gas Turbine Power	New York	55243	CT4-2A	3	3	27,923	31,875	17,850
Astoria Gas Turbine Power	New York	55243	CT4-2B	3	3	27,923	31,875	21,165
Astoria Gas Turbine Power	New York	55243	CT4-3A	3	3	30,345	23,715	23,460

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
AG - Energy	New York	10803	2			5,650	338,914,478	0.000017
Allegany Station No. 133	New York	10619	00001	85,146	376,462	367,322	338,914,478	0.001084
Arthur Kill	New York	2490	20	3,775,845	4,884,834	4,651,604	338,914,478	0.013725
Arthur Kill	New York	2490	30	2,828,486	3,907,067	4,841,215	338,914,478	0.014284
Astoria Energy	New York	55375	CT1	5,141,761	5,487,491	5,229,489	338,914,478	0.015430
Astoria Energy	New York	55375	CT2	5,479,644	5,532,884	5,362,786	338,914,478	0.015823
Astoria Gas Turbine Power	New York	55243	CT2-1A	15,810	11,475	28,475	338,914,478	0.000084
Astoria Gas Turbine Power	New York	55243	CT2-1B	15,810	11,475	28,475	338,914,478	0.000084
Astoria Gas Turbine Power	New York	55243	CT2-2A	23,460	21,293	39,525	338,914,478	0.000117
Astoria Gas Turbine Power	New York	55243	CT2-2B	23,460	21,293	39,525	338,914,478	0.000117
Astoria Gas Turbine Power	New York	55243	CT2-3A	12,240	9,945	23,524	338,914,478	0.000069
Astoria Gas Turbine Power	New York	55243	CT2-3B	12,240	9,945	23,524	338,914,478	0.000069
Astoria Gas Turbine Power	New York	55243	CT2-4A	15,810	11,985	27,264	338,914,478	0.000080
Astoria Gas Turbine Power	New York	55243	CT2-4B	15,810	11,985	27,264	338,914,478	0.000080
Astoria Gas Turbine Power	New York	55243	CT3-1A	6,375	9,499	37,762	338,914,478	0.000111
Astoria Gas Turbine Power	New York	55243	CT3-1B	6,375	9,499	37,762	338,914,478	0.000111
Astoria Gas Turbine Power	New York	55243	CT3-2A	14,535	19,061	36,296	338,914,478	0.000107
Astoria Gas Turbine Power	New York	55243	CT3-2B	14,535	19,061	36,296	338,914,478	0.000107
Astoria Gas Turbine Power	New York	55243	CT3-3A	8,415	8,033	27,985	338,914,478	0.000083
Astoria Gas Turbine Power	New York	55243	CT3-3B	8,415	8,033	27,985	338,914,478	0.000083
Astoria Gas Turbine Power	New York	55243	CT3-4A	22,695	20,783	33,703	338,914,478	0.000099
Astoria Gas Turbine Power	New York	55243	CT3-4B	22,695	20,783	34,638	338,914,478	0.000102
Astoria Gas Turbine Power	New York	55243	CT4-1A	13,770	11,156	37,251	338,914,478	0.000110
Astoria Gas Turbine Power	New York	55243	CT4-1B	13,770	11,156	37,251	338,914,478	0.000110
Astoria Gas Turbine Power	New York	55243	CT4-2A	13,005	13,834	25,883	338,914,478	0.000076
Astoria Gas Turbine Power	New York	55243	CT4-2B	13,005	13,834	26,988	338,914,478	0.000080
Astoria Gas Turbine Power	New York	55243	CT4-3A	13,515	11,794	25,840	338,914,478	0.000076

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
AG - Energy	New York	10803	2	10,162	10,162	0	0	3	3
Allegany Station No. 133	New York	10619	00001	10,162	10,162	11	11	8	3
Arthur Kill	New York	2490	20	10,162	10,162	139	139	171	72
Arthur Kill	New York	2490	30	10,162	10,162	145	145	79	83
Astoria Energy	New York	55375	CT1	10,162	10,162	157	157		
Astoria Energy	New York	55375	CT2	10,162	10,162	161	161		
Astoria Gas Turbine Power	New York	55243	CT2-1A	10,162	10,162	1	1	22	24
Astoria Gas Turbine Power	New York	55243	CT2-1B	10,162	10,162	1	1	22	24
Astoria Gas Turbine Power	New York	55243	CT2-2A	10,162	10,162	1	1	20	22
Astoria Gas Turbine Power	New York	55243	CT2-2B	10,162	10,162	1	1	20	22
Astoria Gas Turbine Power	New York	55243	CT2-3A	10,162	10,162	1	1	15	25
Astoria Gas Turbine Power	New York	55243	CT2-3B	10,162	10,162	1	1	15	25
Astoria Gas Turbine Power	New York	55243	CT2-4A	10,162	10,162	1	1	14	21
Astoria Gas Turbine Power	New York	55243	CT2-4B	10,162	10,162	1	1	14	21
Astoria Gas Turbine Power	New York	55243	CT3-1A	10,162	10,162	1	1	5	17
Astoria Gas Turbine Power	New York	55243	CT3-1B	10,162	10,162	1	1	5	17
Astoria Gas Turbine Power	New York	55243	CT3-2A	10,162	10,162	1	1	7	13
Astoria Gas Turbine Power	New York	55243	CT3-2B	10,162	10,162	1	1	7	13
Astoria Gas Turbine Power	New York	55243	CT3-3A	10,162	10,162	1	1	7	17
Astoria Gas Turbine Power	New York	55243	CT3-3B	10,162	10,162	1	1	7	17
Astoria Gas Turbine Power	New York	55243	CT3-4A	10,162	10,162	1	1	6	15
Astoria Gas Turbine Power	New York	55243	CT3-4B	10,162	10,162	1	1	6	15
Astoria Gas Turbine Power	New York	55243	CT4-1A	10,162	10,162	1	1	9	27
Astoria Gas Turbine Power	New York	55243	CT4-1B	10,162	10,162	1	1	9	27
Astoria Gas Turbine Power	New York	55243	CT4-2A	10,162	10,162	1	1	13	24
Astoria Gas Turbine Power	New York	55243	CT4-2B	10,162	10,162	1	1	13	24
Astoria Gas Turbine Power	New York	55243	CT4-3A	10,162	10,162	1	1	4	23

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
AG - Energy	New York	10803	2	2	0				
Allegany Station No. 133	New York	10619	00001	9	7	4	3	1	6
Arthur Kill	New York	2490	20	200	181	186	169	147	215
Arthur Kill	New York	2490	30	165	158	310	142	125	192
Astoria Energy	New York	55375	CT1		35	13	17	18	16
Astoria Energy	New York	55375	CT2		37	20	28	18	30
Astoria Gas Turbine Power	New York	55243	CT2-1A	41	8	5	8	4	3
Astoria Gas Turbine Power	New York	55243	CT2-1B	41	8	5	8	4	3
Astoria Gas Turbine Power	New York	55243	CT2-2A	41	10	5	14	6	5
Astoria Gas Turbine Power	New York	55243	CT2-2B	41	10	5	14	6	5
Astoria Gas Turbine Power	New York	55243	CT2-3A	49	9	3	9	3	2
Astoria Gas Turbine Power	New York	55243	CT2-3B	49	9	3	9	3	2
Astoria Gas Turbine Power	New York	55243	CT2-4A	47	7	4	9	4	3
Astoria Gas Turbine Power	New York	55243	CT2-4B	47	7	4	9	4	3
Astoria Gas Turbine Power	New York	55243	CT3-1A	43	8	3	17	2	2
Astoria Gas Turbine Power	New York	55243	CT3-1B	43	8	3	17	2	2
Astoria Gas Turbine Power	New York	55243	CT3-2A	46	11	5	11	4	5
Astoria Gas Turbine Power	New York	55243	CT3-2B	46	11	5	11	4	5
Astoria Gas Turbine Power	New York	55243	CT3-3A	43	10	4	6	2	2
Astoria Gas Turbine Power	New York	55243	CT3-3B	43	10	4	6	2	2
Astoria Gas Turbine Power	New York	55243	CT3-4A	39	5	6	16	6	6
Astoria Gas Turbine Power	New York	55243	CT3-4B	36	4	5	15	6	5
Astoria Gas Turbine Power	New York	55243	CT4-1A	43	13	9	7	3	3
Astoria Gas Turbine Power	New York	55243	CT4-1B	43	13	9	7	3	3
Astoria Gas Turbine Power	New York	55243	CT4-2A	37	8	9	5	4	4
Astoria Gas Turbine Power	New York	55243	CT4-2B	40	7	8	5	3	3
Astoria Gas Turbine Power	New York	55243	CT4-3A	41	7	6	6	3	3

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
AG - Energy	New York	10803	2	3					
Allegany Station No. 133	New York	10619	00001	9					
Arthur Kill	New York	2490	20	215					
Arthur Kill	New York	2490	30	310					
Astoria Energy	New York	55375	CT1	35					
Astoria Energy	New York	55375	CT2	37					
Astoria Gas Turbine Power	New York	55243	CT2-1A	41					
Astoria Gas Turbine Power	New York	55243	CT2-1B	41					
Astoria Gas Turbine Power	New York	55243	CT2-2A	41					
Astoria Gas Turbine Power	New York	55243	CT2-2B	41					
Astoria Gas Turbine Power	New York	55243	CT2-3A	49					
Astoria Gas Turbine Power	New York	55243	CT2-3B	49					
Astoria Gas Turbine Power	New York	55243	CT2-4A	47					
Astoria Gas Turbine Power	New York	55243	CT2-4B	47					
Astoria Gas Turbine Power	New York	55243	CT3-1A	43					
Astoria Gas Turbine Power	New York	55243	CT3-1B	43					
Astoria Gas Turbine Power	New York	55243	CT3-2A	46					
Astoria Gas Turbine Power	New York	55243	CT3-2B	46					
Astoria Gas Turbine Power	New York	55243	CT3-3A	43					
Astoria Gas Turbine Power	New York	55243	CT3-3B	43					
Astoria Gas Turbine Power	New York	55243	CT3-4A	39					
Astoria Gas Turbine Power	New York	55243	CT3-4B	36					
Astoria Gas Turbine Power	New York	55243	CT4-1A	43					
Astoria Gas Turbine Power	New York	55243	CT4-1B	43					
Astoria Gas Turbine Power	New York	55243	CT4-2A	37					
Astoria Gas Turbine Power	New York	55243	CT4-2B	40					
Astoria Gas Turbine Power	New York	55243	CT4-3A	41					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
AG - Energy	New York	10803	2			0	0
Allegany Station No. 133	New York	10619	00001			9	9
Arthur Kill	New York	2490	20			200	200
Arthur Kill	New York	2490	30			208	208
Astoria Energy	New York	55375	CT1			35	35
Astoria Energy	New York	55375	CT2			37	37
Astoria Gas Turbine Power	New York	55243	CT2-1A			1	1
Astoria Gas Turbine Power	New York	55243	CT2-1B			1	1
Astoria Gas Turbine Power	New York	55243	CT2-2A			2	2
Astoria Gas Turbine Power	New York	55243	CT2-2B			2	2
Astoria Gas Turbine Power	New York	55243	CT2-3A			1	1
Astoria Gas Turbine Power	New York	55243	CT2-3B			1	1
Astoria Gas Turbine Power	New York	55243	CT2-4A			1	1
Astoria Gas Turbine Power	New York	55243	CT2-4B			1	1
Astoria Gas Turbine Power	New York	55243	CT3-1A			2	2
Astoria Gas Turbine Power	New York	55243	CT3-1B			2	2
Astoria Gas Turbine Power	New York	55243	CT3-2A			2	2
Astoria Gas Turbine Power	New York	55243	CT3-2B			2	2
Astoria Gas Turbine Power	New York	55243	CT3-3A			1	1
Astoria Gas Turbine Power	New York	55243	CT3-3B			1	1
Astoria Gas Turbine Power	New York	55243	CT3-4A			1	1
Astoria Gas Turbine Power	New York	55243	CT3-4B			1	1
Astoria Gas Turbine Power	New York	55243	CT4-1A			2	2
Astoria Gas Turbine Power	New York	55243	CT4-1B			2	2
Astoria Gas Turbine Power	New York	55243	CT4-2A			1	1
Astoria Gas Turbine Power	New York	55243	CT4-2B			1	1
Astoria Gas Turbine Power	New York	55243	CT4-3A			1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI))	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ))	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK))	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL))
AG - Energy	New York	10803	2	0	0	0	0
Allegany Station No. 133	New York	10619	00001	9	9	9	9
Arthur Kill	New York	2490	20	200	200	200	200
Arthur Kill	New York	2490	30	208	208	208	208
Astoria Energy	New York	55375	CT1	35	35	35	35
Astoria Energy	New York	55375	CT2	37	37	37	37
Astoria Gas Turbine Power	New York	55243	CT2-1A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-1B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-2A	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-2B	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT2-3A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-3B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-4A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT2-4B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-1A	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-1B	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-2A	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-2B	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT3-3A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-3B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-4A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT3-4B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-1A	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-1B	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-2A	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-2B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-3A	1	1	1	1

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
AG - Energy	New York	10803	2	Y	Y		Y		
Allegany Station No. 133	New York	10619	00001	Y	Y		Y		
Arthur Kill	New York	2490	20	Y	Y		Y		
Arthur Kill	New York	2490	30	Y	Y		Y		
Astoria Energy	New York	55375	CT1	Y	Y		Y		
Astoria Energy	New York	55375	CT2	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-1A	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-1B	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-2A	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-2B	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-3A	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-3B	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-4A	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT2-4B	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-1A	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-1B	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-2A	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-2B	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-3A	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-3B	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-4A	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT3-4B	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-1A	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-1B	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-2A	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-2B	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-3A	Y	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Astoria Gas Turbine Power	New York	55243	CT4-3B	10235	95,179	75,289	56,610	21,420	21,484
Astoria Gas Turbine Power	New York	55243	CT4-4A	3509	90,018	43,605	139,485	60,945	58,841
Astoria Gas Turbine Power	New York	55243	CT4-4B	10237	90,018	43,605	139,485	60,945	58,841
Astoria Generating Station	New York	8906	20	3485	474,341	254,891	533,422	145,040	632,101
Astoria Generating Station	New York	8906	31RH	90457				3,383,075	4,506,592
Astoria Generating Station	New York	8906	32SH	90458				3,012,790	4,049,671
Astoria Generating Station	New York	8906	41SH	90459				3,676,576	4,009,901
Astoria Generating Station	New York	8906	42RH	90460				3,097,306	3,400,901
Astoria Generating Station	New York	8906	51RH	90461				2,208,031	2,453,321
Astoria Generating Station	New York	8906	52SH	90462				2,068,598	2,367,079
Athens Generating Company	New York	55405	1	8542	9,694,998	8,736,421	14,600,315	15,701,469	15,558,762
Athens Generating Company	New York	55405	2	8544	9,697,607	13,019,062	11,342,062	11,180,133	12,689,202
Athens Generating Company	New York	55405	3	8546	11,835,034	13,247,036	15,167,250	13,506,705	14,161,755
Batavia Energy	New York	54593	1	3784	141,285	163,433	46,615	264,456	302,143
Bayswater Peaking Facility	New York	55699	1	8958	978,652	649,974	459,003	251,066	674,680
Bayswater Peaking Facility	New York	55699	2	88310	227,410	231,357	92,531	99,296	209,567
Bethlehem Energy Center (Albany)	New York	2539	10001	1771	2,918,187	3,896,269	6,100,130	8,492,652	10,029,855
Bethlehem Energy Center (Albany)	New York	2539	10002	1772	2,889,830	3,956,992	5,050,161	8,380,050	9,862,484
Bethlehem Energy Center (Albany)	New York	2539	10003	1773	2,365,797	3,486,207	5,183,231	8,634,676	10,431,286
Bethpage Energy Center	New York	50292	GT1	3647	489,191	191,862	568,995	448,398	682,822
Bethpage Energy Center	New York	50292	GT2	3648	140,925	228,321	594,737	374,107	485,191
Bethpage Energy Center	New York	50292	GT3	8438	577,642	407,599	445,635	389,745	502,733
Bethpage Energy Center	New York	50292	GT4	89507	3,960,905	3,225,391	2,755,182	2,669,486	2,092,809
Binghamton Cogen Plant	New York	55600	1	10131	131,142	20,619	33,428	20,848	70,230
Black River Generation, LLC	New York	10464	E0001	3547	2,016,620	1,854,241	2,071,619	358,589	371,382
Black River Generation, LLC	New York	10464	E0002	3548	1,979,491	1,913,908	2,109,623	358,626	404,853
Black River Generation, LLC	New York	10464	E0003	3549	2,033,633	1,924,986	2,062,420	294,020	406,359

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Astoria Gas Turbine Power	New York	55243	CT4-3B	75,693	707,632,553	0.000107	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT4-4A	96,816	707,632,553	0.000137	35,570	27,005
Astoria Gas Turbine Power	New York	55243	CT4-4B	96,816	707,632,553	0.000137	35,570	27,005
Astoria Generating Station	New York	8906	20	546,621	707,632,553	0.000772	35,570	27,005
Astoria Generating Station	New York	8906	31RH	3,944,833	707,632,553	0.005575	35,570	27,005
Astoria Generating Station	New York	8906	32SH	3,531,231	707,632,553	0.004990	35,570	27,005
Astoria Generating Station	New York	8906	41SH	3,843,239	707,632,553	0.005431	35,570	27,005
Astoria Generating Station	New York	8906	42RH	3,249,103	707,632,553	0.004592	35,570	27,005
Astoria Generating Station	New York	8906	51RH	2,330,676	707,632,553	0.003294	35,570	27,005
Astoria Generating Station	New York	8906	52SH	2,217,838	707,632,553	0.003134	35,570	27,005
Athens Generating Company	New York	55405	1	15,286,848	707,632,553	0.021603	35,570	27,005
Athens Generating Company	New York	55405	2	12,350,109	707,632,553	0.017453	35,570	27,005
Athens Generating Company	New York	55405	3	14,278,570	707,632,553	0.020178	35,570	27,005
Batavia Energy	New York	54593	1	243,344	707,632,553	0.000344	35,570	27,005
Bayswater Peaking Facility	New York	55699	1	767,768	707,632,553	0.001085	35,570	27,005
Bayswater Peaking Facility	New York	55699	2	222,778	707,632,553	0.000315	35,570	27,005
Bethlehem Energy Center (Albany)	New York	2539	10001	8,207,545	707,632,553	0.011599	35,570	27,005
Bethlehem Energy Center (Albany)	New York	2539	10002	7,764,232	707,632,553	0.010972	35,570	27,005
Bethlehem Energy Center (Albany)	New York	2539	10003	8,083,064	707,632,553	0.011423	35,570	27,005
Bethpage Energy Center	New York	50292	GT1	580,336	707,632,553	0.000820	35,570	27,005
Bethpage Energy Center	New York	50292	GT2	484,679	707,632,553	0.000685	35,570	27,005
Bethpage Energy Center	New York	50292	GT3	508,670	707,632,553	0.000719	35,570	27,005
Bethpage Energy Center	New York	50292	GT4	3,313,826	707,632,553	0.004683	35,570	27,005
Binghamton Cogen Plant	New York	55600	1	78,267	707,632,553	0.000111	35,570	27,005
Black River Generation, LLC	New York	10464	E0001	1,980,827	707,632,553	0.002799	35,570	27,005
Black River Generation, LLC	New York	10464	E0002	2,001,007	707,632,553	0.002828	35,570	27,005
Black River Generation, LLC	New York	10464	E0003	2,007,013	707,632,553	0.002836	35,570	27,005

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Astoria Gas Turbine Power	New York	55243	CT4-3B	21,288	21,288	4	3	2	2
Astoria Gas Turbine Power	New York	55243	CT4-4A	21,288	21,288	5	4	3	3
Astoria Gas Turbine Power	New York	55243	CT4-4B	21,288	21,288	5	4	3	3
Astoria Generating Station	New York	8906	20	21,288	21,288	27	21	16	16
Astoria Generating Station	New York	8906	31RH	21,288	21,288	198	151	119	119
Astoria Generating Station	New York	8906	32SH	21,288	21,288	178	135	106	106
Astoria Generating Station	New York	8906	41SH	21,288	21,288	193	147	116	116
Astoria Generating Station	New York	8906	42RH	21,288	21,288	163	124	98	98
Astoria Generating Station	New York	8906	51RH	21,288	21,288	117	89	70	70
Astoria Generating Station	New York	8906	52SH	21,288	21,288	111	85	67	67
Athens Generating Company	New York	55405	1	21,288	21,288	768	583	460	460
Athens Generating Company	New York	55405	2	21,288	21,288	621	471	372	372
Athens Generating Company	New York	55405	3	21,288	21,288	718	545	430	430
Batavia Energy	New York	54593	1	21,288	21,288	12	9	7	7
Bayswater Peaking Facility	New York	55699	1	21,288	21,288	39	29	23	23
Bayswater Peaking Facility	New York	55699	2	21,288	21,288	11	9	7	7
Bethlehem Energy Center (Albany)	New York	2539	10001	21,288	21,288	413	313	247	247
Bethlehem Energy Center (Albany)	New York	2539	10002	21,288	21,288	390	296	234	234
Bethlehem Energy Center (Albany)	New York	2539	10003	21,288	21,288	406	308	243	243
Bethpage Energy Center	New York	50292	GT1	21,288	21,288	29	22	17	17
Bethpage Energy Center	New York	50292	GT2	21,288	21,288	24	18	15	15
Bethpage Energy Center	New York	50292	GT3	21,288	21,288	26	19	15	15
Bethpage Energy Center	New York	50292	GT4	21,288	21,288	167	126	100	100
Binghamton Cogen Plant	New York	55600	1	21,288	21,288	4	3	2	2
Black River Generation, LLC	New York	10464	E0001	21,288	21,288	100	76	60	60
Black River Generation, LLC	New York	10464	E0002	21,288	21,288	101	76	60	60
Black River Generation, LLC	New York	10464	E0003	21,288	21,288	101	77	60	60

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Astoria Gas Turbine Power	New York	55243	CT4-3B					
Astoria Gas Turbine Power	New York	55243	CT4-4A					
Astoria Gas Turbine Power	New York	55243	CT4-4B					
Astoria Generating Station	New York	8906	20	0	0	0	0	0
Astoria Generating Station	New York	8906	31RH					
Astoria Generating Station	New York	8906	32SH					
Astoria Generating Station	New York	8906	41SH					
Astoria Generating Station	New York	8906	42RH					
Astoria Generating Station	New York	8906	51RH					
Astoria Generating Station	New York	8906	52SH					
Athens Generating Company	New York	55405	1	1	2	1	3	3
Athens Generating Company	New York	55405	2	1	2	3	3	4
Athens Generating Company	New York	55405	3	1	2	3	4	4
Batavia Energy	New York	54593	1	0	0	0	0	0
Bayswater Peaking Facility	New York	55699	1	0	0	0	0	0
Bayswater Peaking Facility	New York	55699	2	4	3	7	5	5
Bethlehem Energy Center (Albany)	New York	2539	10001			4	1	1
Bethlehem Energy Center (Albany)	New York	2539	10002			1	3	1
Bethlehem Energy Center (Albany)	New York	2539	10003			1	2	1
Bethpage Energy Center	New York	50292	GT1		1	1	1	0
Bethpage Energy Center	New York	50292	GT2		0	1	0	0
Bethpage Energy Center	New York	50292	GT3	0	0	0	0	0
Bethpage Energy Center	New York	50292	GT4			1	1	1
Binghamton Cogen Plant	New York	55600	1	0	0	0	0	0
Black River Generation, LLC	New York	10464	E0001					
Black River Generation, LLC	New York	10464	E0002					
Black River Generation, LLC	New York	10464	E0003					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Astoria Gas Turbine Power	New York	55243	CT4-3B		0	1	1		
Astoria Gas Turbine Power	New York	55243	CT4-4A		1	2	2		
Astoria Gas Turbine Power	New York	55243	CT4-4B		1	2	2		
Astoria Generating Station	New York	8906	20	0	0	0	0		
Astoria Generating Station	New York	8906	31RH		60	35	60		
Astoria Generating Station	New York	8906	32SH		58	32	58		
Astoria Generating Station	New York	8906	41SH		52	57	57		
Astoria Generating Station	New York	8906	42RH		52	56	56		
Astoria Generating Station	New York	8906	51RH		44	20	44		
Astoria Generating Station	New York	8906	52SH		43	20	43		
Athens Generating Company	New York	55405	1	4	5	5	5		
Athens Generating Company	New York	55405	2	3	3	4	4		
Athens Generating Company	New York	55405	3	5	4	4	5		
Batavia Energy	New York	54593	1	0	0	0	0		
Bayswater Peaking Facility	New York	55699	1	0	0	0	0		
Bayswater Peaking Facility	New York	55699	2	2	2	3	7		
Bethlehem Energy Center (Albany)	New York	2539	10001	2	3	3	4		
Bethlehem Energy Center (Albany)	New York	2539	10002	2	3	3	3		
Bethlehem Energy Center (Albany)	New York	2539	10003	2	3	3	3		
Bethpage Energy Center	New York	50292	GT1	1	0	0	1		
Bethpage Energy Center	New York	50292	GT2	1	0	0	1		
Bethpage Energy Center	New York	50292	GT3	0	0	0	0		
Bethpage Energy Center	New York	50292	GT4	1	1	1	1		
Binghamton Cogen Plant	New York	55600	1	0	0	0	0		
Black River Generation, LLC	New York	10464	E0001		91	82	91		
Black River Generation, LLC	New York	10464	E0002		90	90	90		
Black River Generation, LLC	New York	10464	E0003		76	90	90		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Astoria Gas Turbine Power	New York	55243	CT4-3B					4	30
Astoria Gas Turbine Power	New York	55243	CT4-4A					5	23
Astoria Gas Turbine Power	New York	55243	CT4-4B					5	23
Astoria Generating Station	New York	8906	20					59	57
Astoria Generating Station	New York	8906	31RH						
Astoria Generating Station	New York	8906	32SH						
Astoria Generating Station	New York	8906	41SH						
Astoria Generating Station	New York	8906	42RH						
Astoria Generating Station	New York	8906	51RH						
Astoria Generating Station	New York	8906	52SH						
Athens Generating Company	New York	55405	1					78	43
Athens Generating Company	New York	55405	2					77	50
Athens Generating Company	New York	55405	3					87	42
Batavia Energy	New York	54593	1					10	17
Bayswater Peaking Facility	New York	55699	1					14	9
Bayswater Peaking Facility	New York	55699	2					7	2
Bethlehem Energy Center (Albany)	New York	2539	10001						
Bethlehem Energy Center (Albany)	New York	2539	10002						
Bethlehem Energy Center (Albany)	New York	2539	10003						
Bethpage Energy Center	New York	50292	GT1					152	115
Bethpage Energy Center	New York	50292	GT2					121	72
Bethpage Energy Center	New York	50292	GT3					10	10
Bethpage Energy Center	New York	50292	GT4						
Binghamton Cogen Plant	New York	55600	1					4	1
Black River Generation, LLC	New York	10464	E0001					127	125
Black River Generation, LLC	New York	10464	E0002					116	130
Black River Generation, LLC	New York	10464	E0003					108	128

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Astoria Gas Turbine Power	New York	55243	CT4-3B	50	24	23	16	6
Astoria Gas Turbine Power	New York	55243	CT4-4A	53	22	14	38	17
Astoria Gas Turbine Power	New York	55243	CT4-4B	53	22	14	38	17
Astoria Generating Station	New York	8906	20	83	40	24	44	12
Astoria Generating Station	New York	8906	31RH					164
Astoria Generating Station	New York	8906	32SH					149
Astoria Generating Station	New York	8906	41SH					104
Astoria Generating Station	New York	8906	42RH					97
Astoria Generating Station	New York	8906	51RH					111
Astoria Generating Station	New York	8906	52SH					98
Athens Generating Company	New York	55405	1	28	49	37	60	55
Athens Generating Company	New York	55405	2	39	46	54	50	46
Athens Generating Company	New York	55405	3	44	62	55	61	55
Batavia Energy	New York	54593	1	28	9	10	3	15
Bayswater Peaking Facility	New York	55699	1	4	5	3	3	2
Bayswater Peaking Facility	New York	55699	2	4	4	4	2	3
Bethlehem Energy Center (Albany)	New York	2539	10001	24	17	17	29	35
Bethlehem Energy Center (Albany)	New York	2539	10002	25	17	16	25	33
Bethlehem Energy Center (Albany)	New York	2539	10003	40	13	15	24	34
Bethpage Energy Center	New York	50292	GT1	29	63	21	40	38
Bethpage Energy Center	New York	50292	GT2	30	9	15	41	24
Bethpage Energy Center	New York	50292	GT3	6	3	4	2	7
Bethpage Energy Center	New York	50292	GT4	15	16	14	10	9
Binghamton Cogen Plant	New York	55600	1	11	7	2	2	2
Black River Generation, LLC	New York	10464	E0001	132	171	153	152	29
Black River Generation, LLC	New York	10464	E0002	133	165	158	155	29
Black River Generation, LLC	New York	10464	E0003	135	171	157	152	23

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Astoria Gas Turbine Power	New York	55243	CT4-3B	6	50				
Astoria Gas Turbine Power	New York	55243	CT4-4A	18	53				
Astoria Gas Turbine Power	New York	55243	CT4-4B	18	53				
Astoria Generating Station	New York	8906	20	51	83				
Astoria Generating Station	New York	8906	31RH	202	202				
Astoria Generating Station	New York	8906	32SH	192	192				
Astoria Generating Station	New York	8906	41SH	138	138				
Astoria Generating Station	New York	8906	42RH	116	116				
Astoria Generating Station	New York	8906	51RH	92	111				
Astoria Generating Station	New York	8906	52SH	83	98				
Athens Generating Company	New York	55405	1	52	78				
Athens Generating Company	New York	55405	2	40	77				
Athens Generating Company	New York	55405	3	56	87				
Batavia Energy	New York	54593	1	37	37				
Bayswater Peaking Facility	New York	55699	1	3	14				
Bayswater Peaking Facility	New York	55699	2	3	7				
Bethlehem Energy Center (Albany)	New York	2539	10001	44	44				
Bethlehem Energy Center (Albany)	New York	2539	10002	39	39				
Bethlehem Energy Center (Albany)	New York	2539	10003	40	40				
Bethpage Energy Center	New York	50292	GT1	41	152				
Bethpage Energy Center	New York	50292	GT2	33	121				
Bethpage Energy Center	New York	50292	GT3	4	10				
Bethpage Energy Center	New York	50292	GT4	7	16				
Binghamton Cogen Plant	New York	55600	1	4	11				
Black River Generation, LLC	New York	10464	E0001	34	171				
Black River Generation, LLC	New York	10464	E0002	38	165				
Black River Generation, LLC	New York	10464	E0003	38	171				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Astoria Gas Turbine Power	New York	55243	CT4-3B			1	1
Astoria Gas Turbine Power	New York	55243	CT4-4A			2	2
Astoria Gas Turbine Power	New York	55243	CT4-4B			2	2
Astoria Generating Station	New York	8906	20			0	0
Astoria Generating Station	New York	8906	31RH			60	60
Astoria Generating Station	New York	8906	32SH			58	58
Astoria Generating Station	New York	8906	41SH			57	57
Astoria Generating Station	New York	8906	42RH			56	56
Astoria Generating Station	New York	8906	51RH			44	44
Astoria Generating Station	New York	8906	52SH			43	43
Athens Generating Company	New York	55405	1			5	5
Athens Generating Company	New York	55405	2			4	4
Athens Generating Company	New York	55405	3			5	5
Batavia Energy	New York	54593	1			0	0
Bayswater Peaking Facility	New York	55699	1			0	0
Bayswater Peaking Facility	New York	55699	2			7	7
Bethlehem Energy Center (Albany)	New York	2539	10001			4	4
Bethlehem Energy Center (Albany)	New York	2539	10002			3	3
Bethlehem Energy Center (Albany)	New York	2539	10003			3	3
Bethpage Energy Center	New York	50292	GT1			1	1
Bethpage Energy Center	New York	50292	GT2			1	1
Bethpage Energy Center	New York	50292	GT3			0	0
Bethpage Energy Center	New York	50292	GT4			1	1
Binghamton Cogen Plant	New York	55600	1			0	0
Black River Generation, LLC	New York	10464	E0001			91	91
Black River Generation, LLC	New York	10464	E0002			90	90
Black River Generation, LLC	New York	10464	E0003			90	90

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Astoria Gas Turbine Power	New York	55243	CT4-3B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-4A	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-4B	2	2	2	2
Astoria Generating Station	New York	8906	20	0	0	0	0
Astoria Generating Station	New York	8906	31RH	60	60	60	60
Astoria Generating Station	New York	8906	32SH	58	58	58	58
Astoria Generating Station	New York	8906	41SH	57	57	57	57
Astoria Generating Station	New York	8906	42RH	56	56	56	56
Astoria Generating Station	New York	8906	51RH	44	44	44	44
Astoria Generating Station	New York	8906	52SH	43	43	43	43
Athens Generating Company	New York	55405	1	5	5	5	5
Athens Generating Company	New York	55405	2	4	4	4	4
Athens Generating Company	New York	55405	3	5	5	5	5
Batavia Energy	New York	54593	1	0	0	0	0
Bayswater Peaking Facility	New York	55699	1	0	0	0	0
Bayswater Peaking Facility	New York	55699	2	7	7	7	7
Bethlehem Energy Center (Albany)	New York	2539	10001	4	4	4	4
Bethlehem Energy Center (Albany)	New York	2539	10002	3	3	3	3
Bethlehem Energy Center (Albany)	New York	2539	10003	3	3	3	3
Bethpage Energy Center	New York	50292	GT1	1	1	1	1
Bethpage Energy Center	New York	50292	GT2	1	1	1	1
Bethpage Energy Center	New York	50292	GT3	0	0	0	0
Bethpage Energy Center	New York	50292	GT4	1	1	1	1
Binghamton Cogen Plant	New York	55600	1	0	0	0	0
Black River Generation, LLC	New York	10464	E0001	91	91	91	91
Black River Generation, LLC	New York	10464	E0002	90	90	90	90
Black River Generation, LLC	New York	10464	E0003	90	90	90	90

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Astoria Gas Turbine Power	New York	55243	CT4-3B	3	3	3	3
Astoria Gas Turbine Power	New York	55243	CT4-4A	4	4	4	4
Astoria Gas Turbine Power	New York	55243	CT4-4B	4	4	4	4
Astoria Generating Station	New York	8906	20	24	24	24	24
Astoria Generating Station	New York	8906	31RH	175	175	175	175
Astoria Generating Station	New York	8906	32SH	156	156	156	156
Astoria Generating Station	New York	8906	41SH	138	138	138	138
Astoria Generating Station	New York	8906	42RH	116	116	116	116
Astoria Generating Station	New York	8906	51RH	103	103	103	103
Astoria Generating Station	New York	8906	52SH	98	98	98	98
Athens Generating Company	New York	55405	1	78	78	78	78
Athens Generating Company	New York	55405	2	77	77	77	77
Athens Generating Company	New York	55405	3	87	87	87	87
Batavia Energy	New York	54593	1	11	11	11	11
Bayswater Peaking Facility	New York	55699	1	14	14	14	14
Bayswater Peaking Facility	New York	55699	2	7	7	7	7
Bethlehem Energy Center (Albany)	New York	2539	10001	44	44	44	44
Bethlehem Energy Center (Albany)	New York	2539	10002	39	39	39	39
Bethlehem Energy Center (Albany)	New York	2539	10003	40	40	40	40
Bethpage Energy Center	New York	50292	GT1	26	26	26	26
Bethpage Energy Center	New York	50292	GT2	21	21	21	21
Bethpage Energy Center	New York	50292	GT3	10	10	10	10
Bethpage Energy Center	New York	50292	GT4	16	16	16	16
Binghamton Cogen Plant	New York	55600	1	3	3	3	3
Black River Generation, LLC	New York	10464	E0001	88	88	88	88
Black River Generation, LLC	New York	10464	E0002	89	89	89	89
Black River Generation, LLC	New York	10464	E0003	89	89	89	89

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation								
Astoria Gas Turbine Power	New York	55243	CT4-3B	3	3	30,345	23,715	23,460
Astoria Gas Turbine Power	New York	55243	CT4-4A	4	4	47,494	9,945	68,595
Astoria Gas Turbine Power	New York	55243	CT4-4B	4	4	47,494	9,945	68,595
Astoria Generating Station	New York	8906	20	24	24	421,793	118,868	371,163
Astoria Generating Station	New York	8906	31RH	175	175			
Astoria Generating Station	New York	8906	32SH	156	156			
Astoria Generating Station	New York	8906	41SH	138	138			
Astoria Generating Station	New York	8906	42RH	116	116			
Astoria Generating Station	New York	8906	51RH	103	103			
Astoria Generating Station	New York	8906	52SH	98	98			
Athens Generating Company	New York	55405	1	78	78	4,475,169	4,681,671	6,090,885
Athens Generating Company	New York	55405	2	77	77	4,595,714	5,719,725	4,870,814
Athens Generating Company	New York	55405	3	87	87	5,110,087	4,147,586	5,539,609
Batavia Energy	New York	54593	1	11	11	125,046	124,528	26,424
Bayswater Peaking Facility	New York	55699	1	14	14	619,109	487,717	358,094
Bayswater Peaking Facility	New York	55699	2	7	7	146,453	132,479	41,283
Bethlehem Energy Center (Albany)	New York	2539	10001	44	44	1,743,977	1,894,944	3,003,069
Bethlehem Energy Center (Albany)	New York	2539	10002	39	39	1,793,595	1,878,276	3,115,658
Bethlehem Energy Center (Albany)	New York	2539	10003	40	40	1,453,575	1,674,213	2,887,564
Bethpage Energy Center	New York	50292	GT1	26	26	303,116	143,334	259,850
Bethpage Energy Center	New York	50292	GT2	21	21	45,847	151,658	310,438
Bethpage Energy Center	New York	50292	GT3	10	10	400,743	211,057	251,793
Bethpage Energy Center	New York	50292	GT4	16	16	1,671,675	1,293,009	1,592,378
Binghamton Cogen Plant	New York	55600	1	3	3	117,003	7,811	33,428
Black River Generation, LLC	New York	10464	E0001	88	88	857,634	753,362	869,299
Black River Generation, LLC	New York	10464	E0002	89	89	867,372	809,854	900,333
Black River Generation, LLC	New York	10464	E0003	89	89	865,609	848,579	836,163

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Astoria Gas Turbine Power	New York	55243	CT4-3B	13,515	11,794	25,840	338,914,478	0.000076
Astoria Gas Turbine Power	New York	55243	CT4-4A	26,010	27,986	48,025	338,914,478	0.000142
Astoria Gas Turbine Power	New York	55243	CT4-4B	26,010	27,986	48,025	338,914,478	0.000142
Astoria Generating Station	New York	8906	20	125,131	607,670	466,876	338,914,478	0.001378
Astoria Generating Station	New York	8906	31RH	1,693,339	2,455,953	2,074,646	338,914,478	0.006121
Astoria Generating Station	New York	8906	32SH	1,489,817	2,227,274	1,858,546	338,914,478	0.005484
Astoria Generating Station	New York	8906	41SH	1,546,802	2,409,094	1,977,948	338,914,478	0.005836
Astoria Generating Station	New York	8906	42RH	1,268,444	2,034,449	1,651,446	338,914,478	0.004873
Astoria Generating Station	New York	8906	51RH	1,111,215	2,063,017	1,587,116	338,914,478	0.004683
Astoria Generating Station	New York	8906	52SH	1,047,797	1,983,779	1,515,788	338,914,478	0.004472
Athens Generating Company	New York	55405	1	6,243,884	6,105,286	6,146,685	338,914,478	0.018136
Athens Generating Company	New York	55405	2	5,490,681	7,579,167	6,263,191	338,914,478	0.018480
Athens Generating Company	New York	55405	3	5,627,870	6,383,486	5,850,321	338,914,478	0.017262
Batavia Energy	New York	54593	1	113,124	290,473	180,016	338,914,478	0.000531
Bayswater Peaking Facility	New York	55699	1	196,816	442,076	516,300	338,914,478	0.001523
Bayswater Peaking Facility	New York	55699	2	25,104	152,461	143,798	338,914,478	0.000424
Bethlehem Energy Center (Albany)	New York	2539	10001	3,685,290	5,188,046	3,958,802	338,914,478	0.011681
Bethlehem Energy Center (Albany)	New York	2539	10002	3,884,616	4,398,853	3,799,709	338,914,478	0.011211
Bethlehem Energy Center (Albany)	New York	2539	10003	3,585,597	4,894,884	3,789,348	338,914,478	0.011181
Bethpage Energy Center	New York	50292	GT1	244,402	399,555	320,840	338,914,478	0.000947
Bethpage Energy Center	New York	50292	GT2	228,137	239,092	259,222	338,914,478	0.000765
Bethpage Energy Center	New York	50292	GT3	339,762	476,754	405,753	338,914,478	0.001197
Bethpage Energy Center	New York	50292	GT4	1,613,896	1,469,369	1,625,983	338,914,478	0.004798
Binghamton Cogen Plant	New York	55600	1	1,076	68,492	72,974	338,914,478	0.000215
Black River Generation, LLC	New York	10464	E0001	20,070		826,765	338,914,478	0.002439
Black River Generation, LLC	New York	10464	E0002	18,400		859,186	338,914,478	0.002535
Black River Generation, LLC	New York	10464	E0003	24,110		850,117	338,914,478	0.002508

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Astoria Gas Turbine Power	New York	55243	CT4-3B	10,162	10,162	1	1	4	23
Astoria Gas Turbine Power	New York	55243	CT4-4A	10,162	10,162	1	1	5	16
Astoria Gas Turbine Power	New York	55243	CT4-4B	10,162	10,162	1	1	5	16
Astoria Generating Station	New York	8906	20	10,162	10,162	14	14	57	53
Astoria Generating Station	New York	8906	31RH	10,162	10,162	62	62		
Astoria Generating Station	New York	8906	32SH	10,162	10,162	56	56		
Astoria Generating Station	New York	8906	41SH	10,162	10,162	59	59		
Astoria Generating Station	New York	8906	42RH	10,162	10,162	50	50		
Astoria Generating Station	New York	8906	51RH	10,162	10,162	48	48		
Astoria Generating Station	New York	8906	52SH	10,162	10,162	45	45		
Athens Generating Company	New York	55405	1	10,162	10,162	184	184	50	23
Athens Generating Company	New York	55405	2	10,162	10,162	188	188	56	25
Athens Generating Company	New York	55405	3	10,162	10,162	175	175	50	19
Batavia Energy	New York	54593	1	10,162	10,162	5	5	8	6
Bayswater Peaking Facility	New York	55699	1	10,162	10,162	15	15	9	4
Bayswater Peaking Facility	New York	55699	2	10,162	10,162	4	4	7	2
Bethlehem Energy Center (Albany)	New York	2539	10001	10,162	10,162	119	119		
Bethlehem Energy Center (Albany)	New York	2539	10002	10,162	10,162	114	114		
Bethlehem Energy Center (Albany)	New York	2539	10003	10,162	10,162	114	114		
Bethpage Energy Center	New York	50292	GT1	10,162	10,162	10	10	60	48
Bethpage Energy Center	New York	50292	GT2	10,162	10,162	8	8	58	35
Bethpage Energy Center	New York	50292	GT3	10,162	10,162	12	12	5	4
Bethpage Energy Center	New York	50292	GT4	10,162	10,162	49	49		
Binghamton Cogen Plant	New York	55600	1	10,162	10,162	2	2	4	0
Black River Generation, LLC	New York	10464	E0001	10,162	10,162	25	25	53	52
Black River Generation, LLC	New York	10464	E0002	10,162	10,162	26	26	46	53
Black River Generation, LLC	New York	10464	E0003	10,162	10,162	25	25	54	53

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Astoria Gas Turbine Power	New York	55243	CT4-3B	41	7	6	6	3	3
Astoria Gas Turbine Power	New York	55243	CT4-4A	44	12	2	17	6	7
Astoria Gas Turbine Power	New York	55243	CT4-4B	44	12	2	17	6	7
Astoria Generating Station	New York	8906	20	81	35	9	26	10	48
Astoria Generating Station	New York	8906	31RH					70	116
Astoria Generating Station	New York	8906	32SH					64	116
Astoria Generating Station	New York	8906	41SH					44	79
Astoria Generating Station	New York	8906	42RH					34	65
Astoria Generating Station	New York	8906	51RH					47	75
Astoria Generating Station	New York	8906	52SH					44	67
Athens Generating Company	New York	55405	1	8	20	20	25	22	20
Athens Generating Company	New York	55405	2	25	20	22	19	21	22
Athens Generating Company	New York	55405	3	25	22	19	26	24	23
Batavia Energy	New York	54593	1	24	8	7	2	6	35
Bayswater Peaking Facility	New York	55699	1	3	3	2	2	1	2
Bayswater Peaking Facility	New York	55699	2	2	2	2	1	1	2
Bethlehem Energy Center (Albany)	New York	2539	10001	11	7	7	13	15	21
Bethlehem Energy Center (Albany)	New York	2539	10002	11	7	8	14	16	16
Bethlehem Energy Center (Albany)	New York	2539	10003	17	6	7	13	15	18
Bethpage Energy Center	New York	50292	GT1	17	34	16	17	16	24
Bethpage Energy Center	New York	50292	GT2	18	3	10	20	14	15
Bethpage Energy Center	New York	50292	GT3	3	2	3	1	6	4
Bethpage Energy Center	New York	50292	GT4	12	7	5	6	5	5
Binghamton Cogen Plant	New York	55600	1	10	6	0	2	0	3
Black River Generation, LLC	New York	10464	E0001	50	65	55	58	2	
Black River Generation, LLC	New York	10464	E0002	50	66	59	60	2	
Black River Generation, LLC	New York	10464	E0003	50	66	61	56	2	

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Astoria Gas Turbine Power	New York	55243	CT4-3B	41					
Astoria Gas Turbine Power	New York	55243	CT4-4A	44					
Astoria Gas Turbine Power	New York	55243	CT4-4B	44					
Astoria Generating Station	New York	8906	20	81					
Astoria Generating Station	New York	8906	31RH	116					
Astoria Generating Station	New York	8906	32SH	116					
Astoria Generating Station	New York	8906	41SH	79					
Astoria Generating Station	New York	8906	42RH	65					
Astoria Generating Station	New York	8906	51RH	75					
Astoria Generating Station	New York	8906	52SH	67					
Athens Generating Company	New York	55405	1	50					
Athens Generating Company	New York	55405	2	56					
Athens Generating Company	New York	55405	3	50					
Batavia Energy	New York	54593	1	35					
Bayswater Peaking Facility	New York	55699	1	9					
Bayswater Peaking Facility	New York	55699	2	7					
Bethlehem Energy Center (Albany)	New York	2539	10001	21					
Bethlehem Energy Center (Albany)	New York	2539	10002	16					
Bethlehem Energy Center (Albany)	New York	2539	10003	18					
Bethpage Energy Center	New York	50292	GT1	60					
Bethpage Energy Center	New York	50292	GT2	58					
Bethpage Energy Center	New York	50292	GT3	6					
Bethpage Energy Center	New York	50292	GT4	12					
Binghamton Cogen Plant	New York	55600	1	10					
Black River Generation, LLC	New York	10464	E0001	65					
Black River Generation, LLC	New York	10464	E0002	66					
Black River Generation, LLC	New York	10464	E0003	66					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Astoria Gas Turbine Power	New York	55243	CT4-3B			1	1
Astoria Gas Turbine Power	New York	55243	CT4-4A			2	2
Astoria Gas Turbine Power	New York	55243	CT4-4B			2	2
Astoria Generating Station	New York	8906	20			20	20
Astoria Generating Station	New York	8906	31RH			89	89
Astoria Generating Station	New York	8906	32SH			80	80
Astoria Generating Station	New York	8906	41SH			79	79
Astoria Generating Station	New York	8906	42RH			65	65
Astoria Generating Station	New York	8906	51RH			68	68
Astoria Generating Station	New York	8906	52SH			65	65
Athens Generating Company	New York	55405	1			50	50
Athens Generating Company	New York	55405	2			56	56
Athens Generating Company	New York	55405	3			50	50
Batavia Energy	New York	54593	1			8	8
Bayswater Peaking Facility	New York	55699	1			9	9
Bayswater Peaking Facility	New York	55699	2			6	6
Bethlehem Energy Center (Albany)	New York	2539	10001			21	21
Bethlehem Energy Center (Albany)	New York	2539	10002			16	16
Bethlehem Energy Center (Albany)	New York	2539	10003			18	18
Bethpage Energy Center	New York	50292	GT1			14	14
Bethpage Energy Center	New York	50292	GT2			11	11
Bethpage Energy Center	New York	50292	GT3			6	6
Bethpage Energy Center	New York	50292	GT4			12	12
Binghamton Cogen Plant	New York	55600	1			3	3
Black River Generation, LLC	New York	10464	E0001			35	35
Black River Generation, LLC	New York	10464	E0002			37	37
Black River Generation, LLC	New York	10464	E0003			36	36

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI))	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ))	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK))	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL))
Astoria Gas Turbine Power	New York	55243	CT4-3B	1	1	1	1
Astoria Gas Turbine Power	New York	55243	CT4-4A	2	2	2	2
Astoria Gas Turbine Power	New York	55243	CT4-4B	2	2	2	2
Astoria Generating Station	New York	8906	20	20	20	20	20
Astoria Generating Station	New York	8906	31RH	89	89	89	89
Astoria Generating Station	New York	8906	32SH	80	80	80	80
Astoria Generating Station	New York	8906	41SH	79	79	79	79
Astoria Generating Station	New York	8906	42RH	65	65	65	65
Astoria Generating Station	New York	8906	51RH	68	68	68	68
Astoria Generating Station	New York	8906	52SH	65	65	65	65
Athens Generating Company	New York	55405	1	50	50	50	50
Athens Generating Company	New York	55405	2	56	56	56	56
Athens Generating Company	New York	55405	3	50	50	50	50
Batavia Energy	New York	54593	1	8	8	8	8
Bayswater Peaking Facility	New York	55699	1	9	9	9	9
Bayswater Peaking Facility	New York	55699	2	6	6	6	6
Bethlehem Energy Center (Albany)	New York	2539	10001	21	21	21	21
Bethlehem Energy Center (Albany)	New York	2539	10002	16	16	16	16
Bethlehem Energy Center (Albany)	New York	2539	10003	18	18	18	18
Bethpage Energy Center	New York	50292	GT1	14	14	14	14
Bethpage Energy Center	New York	50292	GT2	11	11	11	11
Bethpage Energy Center	New York	50292	GT3	6	6	6	6
Bethpage Energy Center	New York	50292	GT4	12	12	12	12
Binghamton Cogen Plant	New York	55600	1	3	3	3	3
Black River Generation, LLC	New York	10464	E0001	35	35	35	35
Black River Generation, LLC	New York	10464	E0002	37	37	37	37
Black River Generation, LLC	New York	10464	E0003	36	36	36	36

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Astoria Gas Turbine Power	New York	55243	CT4-3B	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-4A	Y	Y		Y		
Astoria Gas Turbine Power	New York	55243	CT4-4B	Y	Y		Y		
Astoria Generating Station	New York	8906	20	Y	Y		Y		
Astoria Generating Station	New York	8906	31RH	Y	Y		Y		
Astoria Generating Station	New York	8906	32SH	Y	Y		Y		
Astoria Generating Station	New York	8906	41SH	Y	Y		Y		
Astoria Generating Station	New York	8906	42RH	Y	Y		Y		
Astoria Generating Station	New York	8906	51RH	Y	Y		Y		
Astoria Generating Station	New York	8906	52SH	Y	Y		Y		
Athens Generating Company	New York	55405	1	Y	Y		Y		
Athens Generating Company	New York	55405	2	Y	Y		Y		
Athens Generating Company	New York	55405	3	Y	Y		Y		
Batavia Energy	New York	54593	1	Y	Y		Y		
Bayswater Peaking Facility	New York	55699	1	Y	Y		Y		
Bayswater Peaking Facility	New York	55699	2	Y	Y		Y		
Bethlehem Energy Center (Albany)	New York	2539	10001	Y	Y		Y		
Bethlehem Energy Center (Albany)	New York	2539	10002	Y	Y		Y		
Bethlehem Energy Center (Albany)	New York	2539	10003	Y	Y		Y		
Bethpage Energy Center	New York	50292	GT1	Y	Y		Y		
Bethpage Energy Center	New York	50292	GT2	Y	Y		Y		
Bethpage Energy Center	New York	50292	GT3	Y	Y		Y		
Bethpage Energy Center	New York	50292	GT4	Y	Y		Y		
Binghamton Cogen Plant	New York	55600	1	Y	Y		Y		
Black River Generation, LLC	New York	10464	E0001	Y	Y		Y		
Black River Generation, LLC	New York	10464	E0002	Y	Y		Y		
Black River Generation, LLC	New York	10464	E0003	Y	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Bowline Generating Station	New York	2625	1	1793	2,043,638	5,978,651	2,248,511	1,639,878	2,253,927
Bowline Generating Station	New York	2625	2	1794	1,145,559	1,384,009	830,878	413,967	1,539,715
Brentwood	New York	7912	BW01	8390	1,086,898	1,017,892	861,357	173,872	648,246
Brooklyn Navy Yard Cogeneration	New York	54914	1	3809	9,912,816	9,923,631	10,113,073	10,066,296	8,474,110
Brooklyn Navy Yard Cogeneration	New York	54914	2	3810	8,874,515	8,780,966	8,944,161	9,344,836	10,247,514
Caithness Long Island Energy Center	New York	56234	0001	89547				5,085,851	14,529,949
Carr Street Generating Station	New York	50978	A	3708	98,328	227,419	128,960	81,971	124,716
Carr Street Generating Station	New York	50978	B	3709	105,073	239,418	131,914	82,907	129,144
Carthage Energy	New York	10620	1	3563	104,251	221,785	43,726	42,789	111,011
Castleton Power, LLC	New York	10190	1	3532	1,159,783	2,090,558	780,639	528,908	1,218,628
Charles Poletti	New York	2491	001	1613	21,286,382	20,082,407	23,112,853	17,470,173	1,467,500
Dynegy Danskammer	New York	2480	1	1606	147,153	452,252	57,979	221,334	54,514
Dynegy Danskammer	New York	2480	2	1607	144,522	408,032	100,496	142,576	64,366
Dynegy Danskammer	New York	2480	3	1608	6,710,242	10,190,495	10,107,479	7,936,342	6,938,471
Dynegy Danskammer	New York	2480	4	1609	16,191,955	15,949,677	16,401,971	12,576,757	10,354,382
Dynegy Roseton	New York	8006	1	3400	2,407,118	4,055,160	1,516,634	2,233,028	2,865,302
Dynegy Roseton	New York	8006	2	3401	2,413,631	7,237,118	3,264,311	2,343,983	2,582,816
E F Barrett	New York	2511	10	1719	7,957,927	8,339,691	6,644,985	6,063,369	6,986,074
E F Barrett	New York	2511	20	1720	6,898,201	6,719,523	5,643,998	4,214,589	6,852,934
E F Barrett	New York	2511	U00012	1729	99,622	45,582	123,650	148,847	74,930
E F Barrett	New York	2511	U00013	1730	99,622	45,582	123,650	148,847	74,930
E F Barrett	New York	2511	U00014	1731	124,938	28,665	106,919	73,663	132,601
E F Barrett	New York	2511	U00015	1732	124,938	28,665	106,919	73,663	132,601
E F Barrett	New York	2511	U00016	1733	110,786	105,966	110,222	142,623	152,561
E F Barrett	New York	2511	U00017	1734	110,786	105,966	110,222	142,623	152,561
E F Barrett	New York	2511	U00018	1735	83,318	82,900	151,522	144,081	86,974
E F Barrett	New York	2511	U00019	1736	83,318	82,900	151,522	144,081	86,974

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Bowline Generating Station	New York	2625	1	3,493,696	707,632,553	0.004937	35,570	27,005
Bowline Generating Station	New York	2625	2	1,356,428	707,632,553	0.001917	35,570	27,005
Brentwood	New York	7912	BW01	988,716	707,632,553	0.001397	35,570	27,005
Brooklyn Navy Yard Cogeneration	New York	54914	1	10,034,333	707,632,553	0.014180	35,570	27,005
Brooklyn Navy Yard Cogeneration	New York	54914	2	9,512,170	707,632,553	0.013442	35,570	27,005
Caithness Long Island Energy Center	New York	56234	0001	9,807,900	707,632,553	0.013860	35,570	27,005
Carr Street Generating Station	New York	50978	A	160,365	707,632,553	0.000227	35,570	27,005
Carr Street Generating Station	New York	50978	B	166,825	707,632,553	0.000236	35,570	27,005
Carthage Energy	New York	10620	1	145,682	707,632,553	0.000206	35,570	27,005
Castleton Power, LLC	New York	10190	1	1,489,656	707,632,553	0.002105	35,570	27,005
Charles Poletti	New York	2491	001	21,493,881	707,632,553	0.030374	35,570	27,005
Dynegy Danskammer	New York	2480	1	273,580	707,632,553	0.000387	35,570	27,005
Dynegy Danskammer	New York	2480	2	231,710	707,632,553	0.000327	35,570	27,005
Dynegy Danskammer	New York	2480	3	9,411,439	707,632,553	0.013300	35,570	27,005
Dynegy Danskammer	New York	2480	4	16,181,201	707,632,553	0.022867	35,570	27,005
Dynegy Roseton	New York	8006	1	3,109,193	707,632,553	0.004394	35,570	27,005
Dynegy Roseton	New York	8006	2	4,361,415	707,632,553	0.006163	35,570	27,005
E F Barrett	New York	2511	10	7,761,231	707,632,553	0.010968	35,570	27,005
E F Barrett	New York	2511	20	6,823,553	707,632,553	0.009643	35,570	27,005
E F Barrett	New York	2511	U00012	124,040	707,632,553	0.000175	35,570	27,005
E F Barrett	New York	2511	U00013	124,040	707,632,553	0.000175	35,570	27,005
E F Barrett	New York	2511	U00014	121,486	707,632,553	0.000172	35,570	27,005
E F Barrett	New York	2511	U00015	121,486	707,632,553	0.000172	35,570	27,005
E F Barrett	New York	2511	U00016	135,323	707,632,553	0.000191	35,570	27,005
E F Barrett	New York	2511	U00017	135,323	707,632,553	0.000191	35,570	27,005
E F Barrett	New York	2511	U00018	127,525	707,632,553	0.000180	35,570	27,005
E F Barrett	New York	2511	U00019	127,525	707,632,553	0.000180	35,570	27,005

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Bowline Generating Station	New York	2625	1	21,288	21,288	176	133	105	105
Bowline Generating Station	New York	2625	2	21,288	21,288	68	52	41	41
Brentwood	New York	7912	BW01	21,288	21,288	50	38	30	30
Brooklyn Navy Yard Cogeneration	New York	54914	1	21,288	21,288	504	383	302	302
Brooklyn Navy Yard Cogeneration	New York	54914	2	21,288	21,288	478	363	286	286
Caithness Long Island Energy Center	New York	56234	0001	21,288	21,288	493	374	295	295
Carr Street Generating Station	New York	50978	A	21,288	21,288	8	6	5	5
Carr Street Generating Station	New York	50978	B	21,288	21,288	8	6	5	5
Carthage Energy	New York	10620	1	21,288	21,288	7	6	4	4
Castleton Power, LLC	New York	10190	1	21,288	21,288	75	57	45	45
Charles Poletti	New York	2491	001	21,288	21,288	1,080	820	647	647
Dynegy Danskammer	New York	2480	1	21,288	21,288	14	10	8	8
Dynegy Danskammer	New York	2480	2	21,288	21,288	12	9	7	7
Dynegy Danskammer	New York	2480	3	21,288	21,288	473	359	283	283
Dynegy Danskammer	New York	2480	4	21,288	21,288	813	618	487	487
Dynegy Roseton	New York	8006	1	21,288	21,288	156	119	94	94
Dynegy Roseton	New York	8006	2	21,288	21,288	219	166	131	131
E F Barrett	New York	2511	10	21,288	21,288	390	296	233	233
E F Barrett	New York	2511	20	21,288	21,288	343	260	205	205
E F Barrett	New York	2511	U00012	21,288	21,288	6	5	4	4
E F Barrett	New York	2511	U00013	21,288	21,288	6	5	4	4
E F Barrett	New York	2511	U00014	21,288	21,288	6	5	4	4
E F Barrett	New York	2511	U00015	21,288	21,288	6	5	4	4
E F Barrett	New York	2511	U00016	21,288	21,288	7	5	4	4
E F Barrett	New York	2511	U00017	21,288	21,288	7	5	4	4
E F Barrett	New York	2511	U00018	21,288	21,288	6	5	4	4
E F Barrett	New York	2511	U00019	21,288	21,288	6	5	4	4

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Bowline Generating Station	New York	2625	1	1,859	1,904	1,531	92	435
Bowline Generating Station	New York	2625	2	497	306	819	37	99
Brentwood	New York	7912	BW01	0	0	0	0	0
Brooklyn Navy Yard Cogeneration	New York	54914	1	12	14	8	3	11
Brooklyn Navy Yard Cogeneration	New York	54914	2	13	11	8	3	11
Caithness Long Island Energy Center	New York	56234	0001					
Carr Street Generating Station	New York	50978	A	0	2	1	0	0
Carr Street Generating Station	New York	50978	B	2	2	1	0	1
Carthage Energy	New York	10620	1	2	1	0	0	0
Castleton Power, LLC	New York	10190	1	8	5	6	0	3
Charles Poletti	New York	2491	001	1,610	1,275	1,387	671	612
Dynegy Danskammer	New York	2480	1	27	19	676	57	156
Dynegy Danskammer	New York	2480	2	62	86	321	54	129
Dynegy Danskammer	New York	2480	3	4,218	3,830	3,801	3,076	4,761
Dynegy Danskammer	New York	2480	4	6,949	6,092	6,258	7,452	7,126
Dynegy Roseton	New York	8006	1	9,066	11,661	8,748	1,094	1,661
Dynegy Roseton	New York	8006	2	9,814	11,500	9,302	1,094	2,993
E F Barrett	New York	2511	10	294	193	316	115	191
E F Barrett	New York	2511	20	348	193	376	58	67
E F Barrett	New York	2511	U00012					
E F Barrett	New York	2511	U00013					
E F Barrett	New York	2511	U00014					
E F Barrett	New York	2511	U00015					
E F Barrett	New York	2511	U00016					
E F Barrett	New York	2511	U00017					
E F Barrett	New York	2511	U00018					
E F Barrett	New York	2511	U00019					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Bowline Generating Station	New York	2625	1	68	62	2	1,904		
Bowline Generating Station	New York	2625	2	32	16	2	819		
Brentwood	New York	7912	BW01	0	0	0	0		
Brooklyn Navy Yard Cogeneration	New York	54914	1	6	7	3	14		
Brooklyn Navy Yard Cogeneration	New York	54914	2	6	8	4	13		
Caithness Long Island Energy Center	New York	56234	0001		2	4	4		
Carr Street Generating Station	New York	50978	A	0	0	0	2		
Carr Street Generating Station	New York	50978	B	0	0	0	2		
Carthage Energy	New York	10620	1	0	0	0	2		
Castleton Power, LLC	New York	10190	1	2	0	0	8		
Charles Poletti	New York	2491	001	104	220	65	1,610		
Dynegy Danskammer	New York	2480	1	21	84	15	676		
Dynegy Danskammer	New York	2480	2	32	50	24	321		
Dynegy Danskammer	New York	2480	3	4,753	3,779	3,328	4,761		
Dynegy Danskammer	New York	2480	4	7,670	5,936	5,004	7,670		
Dynegy Roseton	New York	8006	1	594	756	102	11,661		
Dynegy Roseton	New York	8006	2	1,166	812	106	11,500		
E F Barrett	New York	2511	10	2	2	6	316		
E F Barrett	New York	2511	20	2	8	6	376		
E F Barrett	New York	2511	U00012		3	0	3		
E F Barrett	New York	2511	U00013		3	0	3		
E F Barrett	New York	2511	U00014		2	0	2		
E F Barrett	New York	2511	U00015		2	0	2		
E F Barrett	New York	2511	U00016		5	0	5		
E F Barrett	New York	2511	U00017		5	0	5		
E F Barrett	New York	2511	U00018		6	0	6		
E F Barrett	New York	2511	U00019		6	0	6		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Bowline Generating Station	New York	2625	1					1,396	1,347
Bowline Generating Station	New York	2625	2					445	275
Brentwood	New York	7912	BW01					3	2
Brooklyn Navy Yard Cogeneration	New York	54914	1					41	39
Brooklyn Navy Yard Cogeneration	New York	54914	2					39	41
Caithness Long Island Energy Center	New York	56234	0001						
Carr Street Generating Station	New York	50978	A					2	1
Carr Street Generating Station	New York	50978	B					3	2
Carthage Energy	New York	10620	1					24	5
Castleton Power, LLC	New York	10190	1					75	59
Charles Poletti	New York	2491	001					2,201	1,761
Dynergy Danskammer	New York	2480	1					11	6
Dynergy Danskammer	New York	2480	2					23	27
Dynergy Danskammer	New York	2480	3					1,163	993
Dynergy Danskammer	New York	2480	4					2,092	1,594
Dynergy Roseton	New York	8006	1					2,044	2,571
Dynergy Roseton	New York	8006	2					2,299	2,544
E F Barrett	New York	2511	10					605	545
E F Barrett	New York	2511	20					389	351
E F Barrett	New York	2511	U00012					26	43
E F Barrett	New York	2511	U00013					26	43
E F Barrett	New York	2511	U00014					29	54
E F Barrett	New York	2511	U00015					29	54
E F Barrett	New York	2511	U00016					16	25
E F Barrett	New York	2511	U00017					16	25
E F Barrett	New York	2511	U00018					14	23
E F Barrett	New York	2511	U00019					14	23

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Bowline Generating Station	New York	2625	1	1,119	142	508	161	104
Bowline Generating Station	New York	2625	2	713	73	143	73	29
Brentwood	New York	7912	BW01	4	5	5	4	1
Brooklyn Navy Yard Cogeneration	New York	54914	1	34	27	40	39	39
Brooklyn Navy Yard Cogeneration	New York	54914	2	33	25	37	35	37
Caithness Long Island Energy Center	New York	56234	0001					16
Carr Street Generating Station	New York	50978	A	4	1	3	2	1
Carr Street Generating Station	New York	50978	B	4	2	4	2	1
Carthage Energy	New York	10620	1	9	7	16	3	3
Castleton Power, LLC	New York	10190	1	60	34	57	25	20
Charles Poletti	New York	2491	001	2,376	1,388	1,477	1,631	1,122
Dynegy Danskammer	New York	2480	1	189	19	65	8	27
Dynegy Danskammer	New York	2480	2	108	19	51	11	16
Dynegy Danskammer	New York	2480	3	1,098	820	1,185	1,128	917
Dynegy Danskammer	New York	2480	4	1,904	2,444	2,522	2,404	1,707
Dynegy Roseton	New York	8006	1	1,904	244	440	142	211
Dynegy Roseton	New York	8006	2	2,029	234	736	269	210
E F Barrett	New York	2511	10	452	522	610	514	371
E F Barrett	New York	2511	20	400	275	323	246	149
E F Barrett	New York	2511	U00012	45	25	14	28	34
E F Barrett	New York	2511	U00013	45	25	14	28	34
E F Barrett	New York	2511	U00014	26	31	9	26	17
E F Barrett	New York	2511	U00015	26	31	9	26	17
E F Barrett	New York	2511	U00016	27	29	30	25	34
E F Barrett	New York	2511	U00017	27	29	30	25	34
E F Barrett	New York	2511	U00018	28	21	25	35	35
E F Barrett	New York	2511	U00019	28	21	25	35	35

Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
					Highest value of columns AK - AR				
Calculation									
Bowline Generating Station	New York	2625	1	144	1,396				
Bowline Generating Station	New York	2625	2	122	713				
Brentwood	New York	7912	BW01	3	5				
Brooklyn Navy Yard Cogeneration	New York	54914	1	33	41				
Brooklyn Navy Yard Cogeneration	New York	54914	2	37	41				
Caithness Long Island Energy Center	New York	56234	0001	44	44				
Carr Street Generating Station	New York	50978	A	2	4				
Carr Street Generating Station	New York	50978	B	2	4				
Carthage Energy	New York	10620	1	8	24				
Castleton Power, LLC	New York	10190	1	51	75				
Charles Poletti	New York	2491	001	119	2,376				
Dynegy Danskammer	New York	2480	1	7	189				
Dynegy Danskammer	New York	2480	2	7	108				
Dynegy Danskammer	New York	2480	3	862	1,185				
Dynegy Danskammer	New York	2480	4	1,294	2,522				
Dynegy Roseton	New York	8006	1	133	2,571				
Dynegy Roseton	New York	8006	2	82	2,544				
E F Barrett	New York	2511	10	347	610				
E F Barrett	New York	2511	20	188	400				
E F Barrett	New York	2511	U00012	16	45				
E F Barrett	New York	2511	U00013	16	45				
E F Barrett	New York	2511	U00014	28	54				
E F Barrett	New York	2511	U00015	28	54				
E F Barrett	New York	2511	U00016	32	34				
E F Barrett	New York	2511	U00017	32	34				
E F Barrett	New York	2511	U00018	18	35				
E F Barrett	New York	2511	U00019	18	35				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)
Bowline Generating Station	New York	2625	1			358	358
Bowline Generating Station	New York	2625	2			139	139
Brentwood	New York	7912	BW01			0	0
Brooklyn Navy Yard Cogeneration	New York	54914	1			14	14
Brooklyn Navy Yard Cogeneration	New York	54914	2			13	13
Caithness Long Island Energy Center	New York	56234	0001			4	4
Carr Street Generating Station	New York	50978	A			2	2
Carr Street Generating Station	New York	50978	B			2	2
Carthage Energy	New York	10620	1			2	2
Castleton Power, LLC	New York	10190	1			8	8
Charles Poletti	New York	2491	001			1,610	1,610
Dynegy Danskammer	New York	2480	1			28	28
Dynegy Danskammer	New York	2480	2			24	24
Dynegy Danskammer	New York	2480	3			966	966
Dynegy Danskammer	New York	2480	4			1,660	1,660
Dynegy Roseton	New York	8006	1			319	319
Dynegy Roseton	New York	8006	2			447	447
E F Barrett	New York	2511	10			316	316
E F Barrett	New York	2511	20			376	376
E F Barrett	New York	2511	U00012			3	3
E F Barrett	New York	2511	U00013			3	3
E F Barrett	New York	2511	U00014			2	2
E F Barrett	New York	2511	U00015			2	2
E F Barrett	New York	2511	U00016			5	5
E F Barrett	New York	2511	U00017			5	5
E F Barrett	New York	2511	U00018			6	6
E F Barrett	New York	2511	U00019			6	6

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Bowline Generating Station	New York	2625	1	261	261	261	261
Bowline Generating Station	New York	2625	2	102	102	102	102
Brentwood	New York	7912	BW01	0	0	0	0
Brooklyn Navy Yard Cogeneration	New York	54914	1	14	14	14	14
Brooklyn Navy Yard Cogeneration	New York	54914	2	13	13	13	13
Caithness Long Island Energy Center	New York	56234	0001	4	4	4	4
Carr Street Generating Station	New York	50978	A	2	2	2	2
Carr Street Generating Station	New York	50978	B	2	2	2	2
Carthage Energy	New York	10620	1	2	2	2	2
Castleton Power, LLC	New York	10190	1	8	8	8	8
Charles Poletti	New York	2491	001	1,608	1,608	1,608	1,608
Dynegy Danskammer	New York	2480	1	20	20	20	20
Dynegy Danskammer	New York	2480	2	17	17	17	17
Dynegy Danskammer	New York	2480	3	704	704	704	704
Dynegy Danskammer	New York	2480	4	1,211	1,211	1,211	1,211
Dynegy Roseton	New York	8006	1	233	233	233	233
Dynegy Roseton	New York	8006	2	326	326	326	326
E F Barrett	New York	2511	10	316	316	316	316
E F Barrett	New York	2511	20	376	376	376	376
E F Barrett	New York	2511	U00012	3	3	3	3
E F Barrett	New York	2511	U00013	3	3	3	3
E F Barrett	New York	2511	U00014	2	2	2	2
E F Barrett	New York	2511	U00015	2	2	2	2
E F Barrett	New York	2511	U00016	5	5	5	5
E F Barrett	New York	2511	U00017	5	5	5	5
E F Barrett	New York	2511	U00018	6	6	6	6
E F Barrett	New York	2511	U00019	6	6	6	6

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Bowline Generating Station	New York	2625	1	155	155	155	155
Bowline Generating Station	New York	2625	2	60	60	60	60
Brentwood	New York	7912	BW01	5	5	5	5
Brooklyn Navy Yard Cogeneration	New York	54914	1	41	41	41	41
Brooklyn Navy Yard Cogeneration	New York	54914	2	41	41	41	41
Caithness Long Island Energy Center	New York	56234	0001	44	44	44	44
Carr Street Generating Station	New York	50978	A	4	4	4	4
Carr Street Generating Station	New York	50978	B	4	4	4	4
Carthage Energy	New York	10620	1	6	6	6	6
Castleton Power, LLC	New York	10190	1	66	66	66	66
Charles Poletti	New York	2491	001	951	951	951	951
Dynegy Danskammer	New York	2480	1	12	12	12	12
Dynegy Danskammer	New York	2480	2	10	10	10	10
Dynegy Danskammer	New York	2480	3	417	417	417	417
Dynegy Danskammer	New York	2480	4	716	716	716	716
Dynegy Roseton	New York	8006	1	138	138	138	138
Dynegy Roseton	New York	8006	2	193	193	193	193
E F Barrett	New York	2511	10	344	344	344	344
E F Barrett	New York	2511	20	302	302	302	302
E F Barrett	New York	2511	U00012	5	5	5	5
E F Barrett	New York	2511	U00013	5	5	5	5
E F Barrett	New York	2511	U00014	5	5	5	5
E F Barrett	New York	2511	U00015	5	5	5	5
E F Barrett	New York	2511	U00016	6	6	6	6
E F Barrett	New York	2511	U00017	6	6	6	6
E F Barrett	New York	2511	U00018	6	6	6	6
E F Barrett	New York	2511	U00019	6	6	6	6

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Bowline Generating Station	New York	2625	1	155	155	1,858,477	3,042,929	2,052,846
Bowline Generating Station	New York	2625	2	60	60	1,145,559	773,160	653,196
Brentwood	New York	7912	BW01	5	5	637,454	485,353	450,763
Brooklyn Navy Yard Cogeneration	New York	54914	1	41	41	3,954,766	3,864,101	3,794,914
Brooklyn Navy Yard Cogeneration	New York	54914	2	41	41	3,349,894	3,686,616	3,314,454
Caithness Long Island Energy Center	New York	56234	0001	44	44			
Carr Street Generating Station	New York	50978	A	4	4	78,892	116,623	68,161
Carr Street Generating Station	New York	50978	B	4	4	83,496	123,778	69,060
Carthage Energy	New York	10620	1	6	6	86,838	94,326	10,698
Castleton Power, LLC	New York	10190	1	66	66	723,484	715,130	321,816
Charles Poletti	New York	2491	001	951	951	11,218,199	10,590,885	12,336,252
Dynegy Danskammer	New York	2480	1	12	12	127,972	63,720	27,243
Dynegy Danskammer	New York	2480	2	10	10	128,836	127,648	30,671
Dynegy Danskammer	New York	2480	3	417	417	3,608,582	4,559,546	4,128,166
Dynegy Danskammer	New York	2480	4	716	716	6,791,118	7,122,646	6,740,758
Dynegy Roseton	New York	8006	1	138	138	1,941,402	756,888	366,603
Dynegy Roseton	New York	8006	2	193	193	1,731,617	1,648,424	1,660,082
E F Barrett	New York	2511	10	344	344	4,152,100	3,826,367	4,190,373
E F Barrett	New York	2511	20	302	302	4,065,408	3,583,945	2,765,897
E F Barrett	New York	2511	U00012	5	5	63,964	24,931	72,716
E F Barrett	New York	2511	U00013	5	5	63,964	24,931	72,716
E F Barrett	New York	2511	U00014	5	5	74,331	14,652	30,951
E F Barrett	New York	2511	U00015	5	5	74,331	14,652	30,951
E F Barrett	New York	2511	U00016	6	6	79,294	30,618	77,146
E F Barrett	New York	2511	U00017	6	6	79,294	30,618	77,146
E F Barrett	New York	2511	U00018	6	6	68,161	25,684	98,631
E F Barrett	New York	2511	U00019	6	6	68,161	25,684	98,631

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Bowline Generating Station	New York	2625	1	1,147,193	2,173,076	2,422,950	338,914,478	0.007149
Bowline Generating Station	New York	2625	2	155,633	1,469,363	1,129,360	338,914,478	0.003332
Brentwood	New York	7912	BW01	91,456	428,247	524,523	338,914,478	0.001548
Brooklyn Navy Yard Cogeneration	New York	54914	1	4,376,112	3,374,124	4,064,993	338,914,478	0.011994
Brooklyn Navy Yard Cogeneration	New York	54914	2	3,851,154	3,917,196	3,818,322	338,914,478	0.011266
Caithness Long Island Energy Center	New York	56234	0001	2,427,542	6,138,838	4,283,190	338,914,478	0.012638
Carr Street Generating Station	New York	50978	A	23,094	105,861	100,459	338,914,478	0.000296
Carr Street Generating Station	New York	50978	B	24,509	108,630	105,301	338,914,478	0.000311
Carthage Energy	New York	10620	1	10,638	86,087	89,084	338,914,478	0.000263
Castleton Power, LLC	New York	10190	1	248,356	847,951	762,188	338,914,478	0.002249
Charles Poletti	New York	2491	001	8,809,311		11,381,779	338,914,478	0.033583
Dynegy Danskammer	New York	2480	1	17,608	38,721	76,804	338,914,478	0.000227
Dynegy Danskammer	New York	2480	2	11,238	53,320	103,268	338,914,478	0.000305
Dynegy Danskammer	New York	2480	3	3,129,207	3,100,589	4,098,765	338,914,478	0.012094
Dynegy Danskammer	New York	2480	4	6,395,993	4,883,414	6,884,840	338,914,478	0.020314
Dynegy Roseton	New York	8006	1	511,214	2,662,706	1,786,999	338,914,478	0.005273
Dynegy Roseton	New York	8006	2	503,474	2,420,578	1,937,426	338,914,478	0.005717
E F Barrett	New York	2511	10	3,049,471	4,176,783	4,173,085	338,914,478	0.012313
E F Barrett	New York	2511	20	2,571,233	3,661,259	3,770,204	338,914,478	0.011124
E F Barrett	New York	2511	U00012	34,450	64,022	66,901	338,914,478	0.000197
E F Barrett	New York	2511	U00013	34,450	64,022	66,901	338,914,478	0.000197
E F Barrett	New York	2511	U00014	13,137	64,551	56,611	338,914,478	0.000167
E F Barrett	New York	2511	U00015	13,137	64,551	56,611	338,914,478	0.000167
E F Barrett	New York	2511	U00016	60,442	79,050	78,496	338,914,478	0.000232
E F Barrett	New York	2511	U00017	60,442	79,050	78,496	338,914,478	0.000232
E F Barrett	New York	2511	U00018	44,995	51,857	72,883	338,914,478	0.000215
E F Barrett	New York	2511	U00019	44,995	51,857	72,883	338,914,478	0.000215

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Bowline Generating Station	New York	2625	1	10,162	10,162	73	73	655	291
Bowline Generating Station	New York	2625	2	10,162	10,162	34	34	180	87
Brentwood	New York	7912	BW01	10,162	10,162	16	16	1	1
Brooklyn Navy Yard Cogeneration	New York	54914	1	10,162	10,162	122	122	15	12
Brooklyn Navy Yard Cogeneration	New York	54914	2	10,162	10,162	114	114	14	13
Caithness Long Island Energy Center	New York	56234	0001	10,162	10,162	128	128		
Carr Street Generating Station	New York	50978	A	10,162	10,162	3	3	2	0
Carr Street Generating Station	New York	50978	B	10,162	10,162	3	3	2	1
Carthage Energy	New York	10620	1	10,162	10,162	3	3	8	2
Castleton Power, LLC	New York	10190	1	10,162	10,162	23	23	29	18
Charles Poletti	New York	2491	001	10,162	10,162	341	341	701	655
Dynegy Danskammer	New York	2480	1	10,162	10,162	2	2	5	3
Dynegy Danskammer	New York	2480	2	10,162	10,162	3	3	10	21
Dynegy Danskammer	New York	2480	3	10,162	10,162	123	123	433	443
Dynegy Danskammer	New York	2480	4	10,162	10,162	206	206	710	699
Dynegy Roseton	New York	8006	1	10,162	10,162	54	54	808	787
Dynegy Roseton	New York	8006	2	10,162	10,162	58	58	875	817
E F Barrett	New York	2511	10	10,162	10,162	125	125	269	199
E F Barrett	New York	2511	20	10,162	10,162	113	113	119	139
E F Barrett	New York	2511	U00012	10,162	10,162	2	2	24	19
E F Barrett	New York	2511	U00013	10,162	10,162	2	2	24	19
E F Barrett	New York	2511	U00014	10,162	10,162	2	2	28	27
E F Barrett	New York	2511	U00015	10,162	10,162	2	2	28	27
E F Barrett	New York	2511	U00016	10,162	10,162	2	2	16	18
E F Barrett	New York	2511	U00017	10,162	10,162	2	2	16	18
E F Barrett	New York	2511	U00018	10,162	10,162	2	2	12	20
E F Barrett	New York	2511	U00019	10,162	10,162	2	2	12	20

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Bowline Generating Station	New York	2625	1	502	123	216	143	58	139
Bowline Generating Station	New York	2625	2	331	73	64	52	13	116
Brentwood	New York	7912	BW01	2	3	2	2	0	2
Brooklyn Navy Yard Cogeneration	New York	54914	1	13	11	14	14	15	12
Brooklyn Navy Yard Cogeneration	New York	54914	2	13	9	14	13	14	14
Caithness Long Island Energy Center	New York	56234	0001					8	19
Carr Street Generating Station	New York	50978	A	3	1	2	1	0	1
Carr Street Generating Station	New York	50978	B	3	1	2	1	0	1
Carthage Energy	New York	10620	1	6	6	7	1	1	6
Castleton Power, LLC	New York	10190	1	26	20	18	11	9	32
Charles Poletti	New York	2491	001	905	648	774	879	511	
Dynegy Danskammer	New York	2480	1	93	16	7	3	2	5
Dynegy Danskammer	New York	2480	2	49	17	13	3	1	6
Dynegy Danskammer	New York	2480	3	516	424	545	452	368	376
Dynegy Danskammer	New York	2480	4	809	1,009	1,147	971	872	599
Dynegy Roseton	New York	8006	1	1,070	196	73	33	24	117
Dynegy Roseton	New York	8006	2	880	168	138	125	25	70
E F Barrett	New York	2511	10	281	260	256	319	153	205
E F Barrett	New York	2511	20	190	152	136	111	91	95
E F Barrett	New York	2511	U00012	28	16	7	16	7	14
E F Barrett	New York	2511	U00013	28	16	7	16	7	14
E F Barrett	New York	2511	U00014	14	18	4	7	3	14
E F Barrett	New York	2511	U00015	14	18	4	7	3	14
E F Barrett	New York	2511	U00016	21	20	8	16	13	17
E F Barrett	New York	2511	U00017	21	20	8	16	13	17
E F Barrett	New York	2511	U00018	19	17	7	21	9	11
E F Barrett	New York	2511	U00019	19	17	7	21	9	11

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Bowline Generating Station	New York	2625	1	655					
Bowline Generating Station	New York	2625	2	331					
Brentwood	New York	7912	BW01	3					
Brooklyn Navy Yard Cogeneration	New York	54914	1	15					
Brooklyn Navy Yard Cogeneration	New York	54914	2	14					
Caithness Long Island Energy Center	New York	56234	0001	19					
Carr Street Generating Station	New York	50978	A	3					
Carr Street Generating Station	New York	50978	B	3					
Carthage Energy	New York	10620	1	8					
Castleton Power, LLC	New York	10190	1	32					
Charles Poletti	New York	2491	001	905					
Dynegy Danskammer	New York	2480	1	93					
Dynegy Danskammer	New York	2480	2	49					
Dynegy Danskammer	New York	2480	3	545					
Dynegy Danskammer	New York	2480	4	1,147					
Dynegy Roseton	New York	8006	1	1,070					
Dynegy Roseton	New York	8006	2	880					
E F Barrett	New York	2511	10	319					
E F Barrett	New York	2511	20	190					
E F Barrett	New York	2511	U00012	28					
E F Barrett	New York	2511	U00013	28					
E F Barrett	New York	2511	U00014	28					
E F Barrett	New York	2511	U00015	28					
E F Barrett	New York	2511	U00016	21					
E F Barrett	New York	2511	U00017	21					
E F Barrett	New York	2511	U00018	21					
E F Barrett	New York	2511	U00019	21					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Bowline Generating Station	New York	2625	1			104	104
Bowline Generating Station	New York	2625	2			48	48
Brentwood	New York	7912	BW01			3	3
Brooklyn Navy Yard Cogeneration	New York	54914	1			15	15
Brooklyn Navy Yard Cogeneration	New York	54914	2			14	14
Caithness Long Island Energy Center	New York	56234	0001			19	19
Carr Street Generating Station	New York	50978	A			3	3
Carr Street Generating Station	New York	50978	B			3	3
Carthage Energy	New York	10620	1			4	4
Castleton Power, LLC	New York	10190	1			32	32
Charles Poletti	New York	2491	001			488	488
Dynegy Danskammer	New York	2480	1			3	3
Dynegy Danskammer	New York	2480	2			4	4
Dynegy Danskammer	New York	2480	3			176	176
Dynegy Danskammer	New York	2480	4			295	295
Dynegy Roseton	New York	8006	1			77	77
Dynegy Roseton	New York	8006	2			83	83
E F Barrett	New York	2511	10			179	179
E F Barrett	New York	2511	20			162	162
E F Barrett	New York	2511	U00012			3	3
E F Barrett	New York	2511	U00013			3	3
E F Barrett	New York	2511	U00014			2	2
E F Barrett	New York	2511	U00015			2	2
E F Barrett	New York	2511	U00016			3	3
E F Barrett	New York	2511	U00017			3	3
E F Barrett	New York	2511	U00018			3	3
E F Barrett	New York	2511	U00019			3	3

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Bowline Generating Station	New York	2625	1	104	104	104	104
Bowline Generating Station	New York	2625	2	48	48	48	48
Brentwood	New York	7912	BW01	3	3	3	3
Brooklyn Navy Yard Cogeneration	New York	54914	1	15	15	15	15
Brooklyn Navy Yard Cogeneration	New York	54914	2	14	14	14	14
Caithness Long Island Energy Center	New York	56234	0001	19	19	19	19
Carr Street Generating Station	New York	50978	A	3	3	3	3
Carr Street Generating Station	New York	50978	B	3	3	3	3
Carthage Energy	New York	10620	1	4	4	4	4
Castleton Power, LLC	New York	10190	1	32	32	32	32
Charles Poletti	New York	2491	001	488	488	488	488
Dynegy Danskammer	New York	2480	1	3	3	3	3
Dynegy Danskammer	New York	2480	2	4	4	4	4
Dynegy Danskammer	New York	2480	3	176	176	176	176
Dynegy Danskammer	New York	2480	4	295	295	295	295
Dynegy Roseton	New York	8006	1	77	77	77	77
Dynegy Roseton	New York	8006	2	83	83	83	83
E F Barrett	New York	2511	10	179	179	179	179
E F Barrett	New York	2511	20	162	162	162	162
E F Barrett	New York	2511	U00012	3	3	3	3
E F Barrett	New York	2511	U00013	3	3	3	3
E F Barrett	New York	2511	U00014	2	2	2	2
E F Barrett	New York	2511	U00015	2	2	2	2
E F Barrett	New York	2511	U00016	3	3	3	3
E F Barrett	New York	2511	U00017	3	3	3	3
E F Barrett	New York	2511	U00018	3	3	3	3
E F Barrett	New York	2511	U00019	3	3	3	3

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Bowline Generating Station	New York	2625	1	Y	Y		Y		
Bowline Generating Station	New York	2625	2	Y	Y		Y		
Brentwood	New York	7912	BW01	Y	Y		Y		
Brooklyn Navy Yard Cogeneration	New York	54914	1	Y	Y		Y		
Brooklyn Navy Yard Cogeneration	New York	54914	2	Y	Y		Y		
Caithness Long Island Energy Center	New York	56234	0001	Y	Y		Y		
Carr Street Generating Station	New York	50978	A	Y	Y		Y		
Carr Street Generating Station	New York	50978	B	Y	Y		Y		
Carthage Energy	New York	10620	1	Y	Y		Y		
Castleton Power, LLC	New York	10190	1	Y	Y		Y		
Charles Poletti	New York	2491	001	Y	Y		Y		
Dynergy Danskammer	New York	2480	1	Y	Y		Y		
Dynergy Danskammer	New York	2480	2	Y	Y		Y		
Dynergy Danskammer	New York	2480	3	Y	Y		Y		
Dynergy Danskammer	New York	2480	4	Y	Y		Y		
Dynergy Roseton	New York	8006	1	Y	Y		Y		
Dynergy Roseton	New York	8006	2	Y	Y		Y		
E F Barrett	New York	2511	10	Y	Y		Y		
E F Barrett	New York	2511	20	Y	Y		Y		
E F Barrett	New York	2511	U00012	Y	Y		Y		
E F Barrett	New York	2511	U00013	Y	Y		Y		
E F Barrett	New York	2511	U00014	Y	Y		Y		
E F Barrett	New York	2511	U00015	Y	Y		Y		
E F Barrett	New York	2511	U00016	Y	Y		Y		
E F Barrett	New York	2511	U00017	Y	Y		Y		
E F Barrett	New York	2511	U00018	Y	Y		Y		
E F Barrett	New York	2511	U00019	Y	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
East River	New York	2493	1	1614	12,571,247	12,204,940	12,498,450	10,518,627	13,504,647
East River	New York	2493	2	1615	11,858,681	13,246,338	12,515,203	10,324,988	13,443,973
East River	New York	2493	60	1617	5,641,282	4,897,929	6,716,054	5,202,422	6,349,651
East River	New York	2493	70	1618	4,870,268	5,530,692	3,965,408	3,935,223	7,234,176
Edgewood Energy	New York	55786	CT01	10132	1,065,692	1,004,458	610,319	302,881	718,486
Edgewood Energy	New York	55786	CT02	10133	988,595	897,709	546,991	252,671	731,866
Equus Power I	New York	56032	0001	89349	1,026,626	1,190,356	819,961	532,708	707,181
Far Rockaway	New York	2513	40	1738	3,004,040	2,795,933	1,594,813	1,171,496	2,124,403
Fortistar North Tonawanda Inc	New York	54131	NTCT1	3754	200,447	228,581	57,235	43,830	286,330
Freeport Power Plant No. 2	New York	2679	5	88098	432,017	588,096	396,149	465,815	563,495
Glenwood	New York	2514	40	1739	1,775,202	1,320,767	661,602	493,095	1,629,598
Glenwood	New York	2514	50	1740	2,121,795	1,193,077	660,749	421,323	858,131
Glenwood	New York	2514	U00020	1741	57,180	17,209	18,050	7,669	16,456
Glenwood	New York	2514	U00021	1742	75,180	30,601	13,689	12,138	19,959
Glenwood Landing Energy Center	New York	7869	UGT012	10031	740,677	665,537	349,800	253,965	438,591
Glenwood Landing Energy Center	New York	7869	UGT013	10032	755,170	604,285	405,789	255,222	589,582
Harlem River Yard	New York	7914	HR01	8396	376,193	388,716	351,371	72,786	220,638
Harlem River Yard	New York	7914	HR02	8398	367,955	629,509	539,884	80,886	229,988
Hawkeye Energy Greenport, LLC	New York	55969	U-01	88363	384,385	803,319	824,263	483,212	375,431
Hell Gate	New York	7913	HG01	8392	368,106	571,873	588,636	73,521	196,014
Hell Gate	New York	7913	HG02	8394	378,501	549,941	586,722	94,160	248,019
Hillburn	New York	2628	001	1795	13,020	15,929	7,175	2,204	2,590
Holtsville Facility	New York	8007	U00001	3402	37,555	38,363	31,026	30,966	34,977
Holtsville Facility	New York	8007	U00002	3403	37,555	38,363	31,026	30,966	34,977
Holtsville Facility	New York	8007	U00003	3404	46,167	33,379	32,056	20,097	27,491
Holtsville Facility	New York	8007	U00004	3405	46,167	33,379	32,056	20,097	27,491
Holtsville Facility	New York	8007	U00005	3406	44,329	39,249	27,751	27,922	38,038

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
East River	New York	2493	1	12,858,114	707,632,553	0.018171	35,570	27,005
East River	New York	2493	2	13,068,505	707,632,553	0.018468	35,570	27,005
East River	New York	2493	60	6,235,663	707,632,553	0.008812	35,570	27,005
East River	New York	2493	70	5,878,379	707,632,553	0.008307	35,570	27,005
Edgewood Energy	New York	55786	CT01	929,545	707,632,553	0.001314	35,570	27,005
Edgewood Energy	New York	55786	CT02	872,724	707,632,553	0.001233	35,570	27,005
Equus Power I	New York	56032	0001	1,012,314	707,632,553	0.001431	35,570	27,005
Far Rockaway	New York	2513	40	2,641,459	707,632,553	0.003733	35,570	27,005
Fortistar North Tonawanda Inc	New York	54131	NTCT1	238,453	707,632,553	0.000337	35,570	27,005
Freeport Power Plant No. 2	New York	2679	5	539,135	707,632,553	0.000762	35,570	27,005
Glenwood	New York	2514	40	1,575,189	707,632,553	0.002226	35,570	27,005
Glenwood	New York	2514	50	1,391,001	707,632,553	0.001966	35,570	27,005
Glenwood	New York	2514	U00020	30,813	707,632,553	0.000044	35,570	27,005
Glenwood	New York	2514	U00021	41,913	707,632,553	0.000059	35,570	27,005
Glenwood Landing Energy Center	New York	7869	UGT012	614,935	707,632,553	0.000869	35,570	27,005
Glenwood Landing Energy Center	New York	7869	UGT013	649,679	707,632,553	0.000918	35,570	27,005
Harlem River Yard	New York	7914	HR01	372,093	707,632,553	0.000526	35,570	27,005
Harlem River Yard	New York	7914	HR02	512,449	707,632,553	0.000724	35,570	27,005
Hawkeye Energy Greenport, LLC	New York	55969	U-01	703,598	707,632,553	0.000994	35,570	27,005
Hell Gate	New York	7913	HG01	509,538	707,632,553	0.000720	35,570	27,005
Hell Gate	New York	7913	HG02	505,055	707,632,553	0.000714	35,570	27,005
Hillburn	New York	2628	001	12,041	707,632,553	0.000017	35,570	27,005
Holtsville Facility	New York	8007	U00001	36,965	707,632,553	0.000052	35,570	27,005
Holtsville Facility	New York	8007	U00002	36,965	707,632,553	0.000052	35,570	27,005
Holtsville Facility	New York	8007	U00003	37,201	707,632,553	0.000053	35,570	27,005
Holtsville Facility	New York	8007	U00004	37,201	707,632,553	0.000053	35,570	27,005
Holtsville Facility	New York	8007	U00005	40,539	707,632,553	0.000057	35,570	27,005

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
East River	New York	2493	1	21,288	21,288	646	491	387	387
East River	New York	2493	2	21,288	21,288	657	499	393	393
East River	New York	2493	60	21,288	21,288	313	238	188	188
East River	New York	2493	70	21,288	21,288	295	224	177	177
Edgewood Energy	New York	55786	CT01	21,288	21,288	47	35	28	28
Edgewood Energy	New York	55786	CT02	21,288	21,288	44	33	26	26
Equus Power I	New York	56032	0001	21,288	21,288	51	39	30	30
Far Rockaway	New York	2513	40	21,288	21,288	133	101	79	79
Fortistar North Tonawanda Inc	New York	54131	NTCT1	21,288	21,288	12	9	7	7
Freeport Power Plant No. 2	New York	2679	5	21,288	21,288	27	21	16	16
Glenwood	New York	2514	40	21,288	21,288	79	60	47	47
Glenwood	New York	2514	50	21,288	21,288	70	53	42	42
Glenwood	New York	2514	U00020	21,288	21,288	2	1	1	1
Glenwood	New York	2514	U00021	21,288	21,288	2	2	1	1
Glenwood Landing Energy Center	New York	7869	UGT012	21,288	21,288	31	23	18	18
Glenwood Landing Energy Center	New York	7869	UGT013	21,288	21,288	33	25	20	20
Harlem River Yard	New York	7914	HR01	21,288	21,288	19	14	11	11
Harlem River Yard	New York	7914	HR02	21,288	21,288	26	20	15	15
Hawkeye Energy Greenport, LLC	New York	55969	U-01	21,288	21,288	35	27	21	21
Hell Gate	New York	7913	HG01	21,288	21,288	26	19	15	15
Hell Gate	New York	7913	HG02	21,288	21,288	25	19	15	15
Hillburn	New York	2628	001	21,288	21,288	1	0	0	0
Holtsville Facility	New York	8007	U00001	21,288	21,288	2	1	1	1
Holtsville Facility	New York	8007	U00002	21,288	21,288	2	1	1	1
Holtsville Facility	New York	8007	U00003	21,288	21,288	2	1	1	1
Holtsville Facility	New York	8007	U00004	21,288	21,288	2	1	1	1
Holtsville Facility	New York	8007	U00005	21,288	21,288	2	2	1	1

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
East River	New York	2493	1			4	4	4
East River	New York	2493	2			8	4	4
East River	New York	2493	60	427	403	226	130	93
East River	New York	2493	70	202	167	181	66	129
Edgewood Energy	New York	55786	CT01	0	0	0	0	0
Edgewood Energy	New York	55786	CT02	0	0	0	0	0
Equus Power I	New York	56032	0001		1	1	2	1
Far Rockaway	New York	2513	40	1	1	1	1	1
Fortistar North Tonawanda Inc	New York	54131	NTCT1					
Freeport Power Plant No. 2	New York	2679	5		0	0	0	0
Glenwood	New York	2514	40	1	1	0	1	0
Glenwood	New York	2514	50	1	1	0	1	0
Glenwood	New York	2514	U00020					
Glenwood	New York	2514	U00021					
Glenwood Landing Energy Center	New York	7869	UGT012	1	1	1	0	0
Glenwood Landing Energy Center	New York	7869	UGT013	1	1	1	0	0
Harlem River Yard	New York	7914	HR01	0	0	0	0	0
Harlem River Yard	New York	7914	HR02	0	0	0	0	0
Hawkeye Energy Greenport, LLC	New York	55969	U-01	7	7	11	6	16
Hell Gate	New York	7913	HG01	0	0	0	0	0
Hell Gate	New York	7913	HG02	0	0	0	0	0
Hillburn	New York	2628	001					
Holtsville Facility	New York	8007	U00001					
Holtsville Facility	New York	8007	U00002					
Holtsville Facility	New York	8007	U00003					
Holtsville Facility	New York	8007	U00004					
Holtsville Facility	New York	8007	U00005					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
East River	New York	2493	1	4	3	4	4		
East River	New York	2493	2	4	3	4	8		
East River	New York	2493	60	33	43	26	427		
East River	New York	2493	70	45	41	54	202		
Edgewood Energy	New York	55786	CT01	0	0	0	0		
Edgewood Energy	New York	55786	CT02	0	0	0	0		
Equus Power I	New York	56032	0001	0	0	0	2		
Far Rockaway	New York	2513	40	0	0	1	1		
Fortistar North Tonawanda Inc	New York	54131	NTCT1		0	0	0		
Freeport Power Plant No. 2	New York	2679	5	0	0	0	0		
Glenwood	New York	2514	40	0	0	0	1		
Glenwood	New York	2514	50	0	0	0	1		
Glenwood	New York	2514	U00020		2	4	4		
Glenwood	New York	2514	U00021		3	5	5		
Glenwood Landing Energy Center	New York	7869	UGT012	0	0	0	1		
Glenwood Landing Energy Center	New York	7869	UGT013	0	0	0	1		
Harlem River Yard	New York	7914	HR01	0	0	0	0		
Harlem River Yard	New York	7914	HR02	0	0	0	0		
Hawkeye Energy Greenport, LLC	New York	55969	U-01	17	7	6	17		
Hell Gate	New York	7913	HG01	0	0	0	0		
Hell Gate	New York	7913	HG02	0	0	0	0		
Hillburn	New York	2628	001		0	0	0		
Holtsville Facility	New York	8007	U00001		8	9	9		
Holtsville Facility	New York	8007	U00002		8	9	9		
Holtsville Facility	New York	8007	U00003		5	7	7		
Holtsville Facility	New York	8007	U00004		5	7	7		
Holtsville Facility	New York	8007	U00005		0	10	10		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
East River	New York	2493	1						
East River	New York	2493	2						
East River	New York	2493	60					744	790
East River	New York	2493	70					478	486
Edgewood Energy	New York	55786	CT01					2	3
Edgewood Energy	New York	55786	CT02					3	3
Equus Power I	New York	56032	0001						17
Far Rockaway	New York	2513	40					73	102
Fortistar North Tonawanda Inc	New York	54131	NTCT1					107	52
Freeport Power Plant No. 2	New York	2679	5						26
Glenwood	New York	2514	40					135	93
Glenwood	New York	2514	50					137	113
Glenwood	New York	2514	U00020					22	14
Glenwood	New York	2514	U00021					21	10
Glenwood Landing Energy Center	New York	7869	UGT012					5	4
Glenwood Landing Energy Center	New York	7869	UGT013					4	5
Harlem River Yard	New York	7914	HR01					5	4
Harlem River Yard	New York	7914	HR02					4	4
Hawkeye Energy Greenport, LLC	New York	55969	U-01					5	4
Hell Gate	New York	7913	HG01					6	4
Hell Gate	New York	7913	HG02					6	4
Hillburn	New York	2628	001					16	1
Holtsville Facility	New York	8007	U00001					25	13
Holtsville Facility	New York	8007	U00002					25	13
Holtsville Facility	New York	8007	U00003					40	18
Holtsville Facility	New York	8007	U00004					40	18
Holtsville Facility	New York	8007	U00005					61	26

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
East River	New York	2493	1	41	42	44	47	39
East River	New York	2493	2	45	36	43	43	38
East River	New York	2493	60	604	407	338	446	345
East River	New York	2493	70	339	313	357	265	302
Edgewood Energy	New York	55786	CT01	4	4	4	2	1
Edgewood Energy	New York	55786	CT02	4	4	3	2	1
Equus Power I	New York	56032	0001	8	8	8	5	4
Far Rockaway	New York	2513	40	116	117	130	74	47
Fortistar North Tonawanda Inc	New York	54131	NTCT1	40	8	10	3	2
Freeport Power Plant No. 2	New York	2679	5	4	4	5	3	3
Glenwood	New York	2514	40	52	65	46	23	15
Glenwood	New York	2514	50	38	85	43	24	13
Glenwood	New York	2514	U00020	32	17	5	5	2
Glenwood	New York	2514	U00021	58	22	9	4	4
Glenwood Landing Energy Center	New York	7869	UGT012	4	5	4	3	2
Glenwood Landing Energy Center	New York	7869	UGT013	5	5	4	3	2
Harlem River Yard	New York	7914	HR01	3	2	2	2	0
Harlem River Yard	New York	7914	HR02	3	2	3	3	1
Hawkeye Energy Greenport, LLC	New York	55969	U-01	6	4	9	10	6
Hell Gate	New York	7913	HG01	4	2	3	3	0
Hell Gate	New York	7913	HG02	4	2	3	4	1
Hillburn	New York	2628	001	4	3	3	1	1
Holtsville Facility	New York	8007	U00001	13	13	16	11	15
Holtsville Facility	New York	8007	U00002	13	13	16	11	15
Holtsville Facility	New York	8007	U00003	22	19	13	12	10
Holtsville Facility	New York	8007	U00004	22	19	13	12	10
Holtsville Facility	New York	8007	U00005	32	14	14	9	9

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
East River	New York	2493	1	51	51				
East River	New York	2493	2	53	53				
East River	New York	2493	60	424	790				
East River	New York	2493	70	545	545				
Edgewood Energy	New York	55786	CT01	3	4				
Edgewood Energy	New York	55786	CT02	3	4				
Equus Power I	New York	56032	0001	4	17				
Far Rockaway	New York	2513	40	78	130				
Fortistar North Tonawanda Inc	New York	54131	NTCT1	13	107				
Freeport Power Plant No. 2	New York	2679	5	4	26				
Glenwood	New York	2514	40	52	135				
Glenwood	New York	2514	50	29	137				
Glenwood	New York	2514	U00020	5	32				
Glenwood	New York	2514	U00021	6	58				
Glenwood Landing Energy Center	New York	7869	UGT012	2	5				
Glenwood Landing Energy Center	New York	7869	UGT013	4	5				
Harlem River Yard	New York	7914	HR01	1	5				
Harlem River Yard	New York	7914	HR02	1	4				
Hawkeye Energy Greenport, LLC	New York	55969	U-01	5	10				
Hell Gate	New York	7913	HG01	1	6				
Hell Gate	New York	7913	HG02	1	6				
Hillburn	New York	2628	001	1	16				
Holtsville Facility	New York	8007	U00001	17	25				
Holtsville Facility	New York	8007	U00002	17	25				
Holtsville Facility	New York	8007	U00003	13	40				
Holtsville Facility	New York	8007	U00004	13	40				
Holtsville Facility	New York	8007	U00005	18	61				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
East River	New York	2493	1			4	4
East River	New York	2493	2			8	8
East River	New York	2493	60			427	427
East River	New York	2493	70			202	202
Edgewood Energy	New York	55786	CT01			0	0
Edgewood Energy	New York	55786	CT02			0	0
Equus Power I	New York	56032	0001			2	2
Far Rockaway	New York	2513	40			1	1
Fortistar North Tonawanda Inc	New York	54131	NTCT1			0	0
Freeport Power Plant No. 2	New York	2679	5			0	0
Glenwood	New York	2514	40			1	1
Glenwood	New York	2514	50			1	1
Glenwood	New York	2514	U00020			3	3
Glenwood	New York	2514	U00021			4	4
Glenwood Landing Energy Center	New York	7869	UGT012			1	1
Glenwood Landing Energy Center	New York	7869	UGT013			1	1
Harlem River Yard	New York	7914	HR01			0	0
Harlem River Yard	New York	7914	HR02			0	0
Hawkeye Energy Greenport, LLC	New York	55969	U-01			17	17
Hell Gate	New York	7913	HG01			0	0
Hell Gate	New York	7913	HG02			0	0
Hillburn	New York	2628	001			0	0
Holtsville Facility	New York	8007	U00001			4	4
Holtsville Facility	New York	8007	U00002			4	4
Holtsville Facility	New York	8007	U00003			4	4
Holtsville Facility	New York	8007	U00004			4	4
Holtsville Facility	New York	8007	U00005			4	4

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
East River	New York	2493	1	4	4	4	4
East River	New York	2493	2	8	8	8	8
East River	New York	2493	60	427	427	427	427
East River	New York	2493	70	202	202	202	202
Edgewood Energy	New York	55786	CT01	0	0	0	0
Edgewood Energy	New York	55786	CT02	0	0	0	0
Equus Power I	New York	56032	0001	2	2	2	2
Far Rockaway	New York	2513	40	1	1	1	1
Fortistar North Tonawanda Inc	New York	54131	NTCT1	0	0	0	0
Freeport Power Plant No. 2	New York	2679	5	0	0	0	0
Glenwood	New York	2514	40	1	1	1	1
Glenwood	New York	2514	50	1	1	1	1
Glenwood	New York	2514	U00020	2	2	2	2
Glenwood	New York	2514	U00021	3	3	3	3
Glenwood Landing Energy Center	New York	7869	UGT012	1	1	1	1
Glenwood Landing Energy Center	New York	7869	UGT013	1	1	1	1
Harlem River Yard	New York	7914	HR01	0	0	0	0
Harlem River Yard	New York	7914	HR02	0	0	0	0
Hawkeye Energy Greenport, LLC	New York	55969	U-01	17	17	17	17
Hell Gate	New York	7913	HG01	0	0	0	0
Hell Gate	New York	7913	HG02	0	0	0	0
Hillburn	New York	2628	001	0	0	0	0
Holtsville Facility	New York	8007	U00001	3	3	3	3
Holtsville Facility	New York	8007	U00002	3	3	3	3
Holtsville Facility	New York	8007	U00003	3	3	3	3
Holtsville Facility	New York	8007	U00004	3	3	3	3
Holtsville Facility	New York	8007	U00005	3	3	3	3

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
East River	New York	2493	1	51	51	51	51
East River	New York	2493	2	53	53	53	53
East River	New York	2493	60	276	276	276	276
East River	New York	2493	70	260	260	260	260
Edgewood Energy	New York	55786	CT01	4	4	4	4
Edgewood Energy	New York	55786	CT02	4	4	4	4
Equus Power I	New York	56032	0001	17	17	17	17
Far Rockaway	New York	2513	40	117	117	117	117
Fortistar North Tonawanda Inc	New York	54131	NTCT1	11	11	11	11
Freeport Power Plant No. 2	New York	2679	5	24	24	24	24
Glenwood	New York	2514	40	70	70	70	70
Glenwood	New York	2514	50	62	62	62	62
Glenwood	New York	2514	U00020	1	1	1	1
Glenwood	New York	2514	U00021	2	2	2	2
Glenwood Landing Energy Center	New York	7869	UGT012	5	5	5	5
Glenwood Landing Energy Center	New York	7869	UGT013	5	5	5	5
Harlem River Yard	New York	7914	HR01	5	5	5	5
Harlem River Yard	New York	7914	HR02	4	4	4	4
Hawkeye Energy Greenport, LLC	New York	55969	U-01	10	10	10	10
Hell Gate	New York	7913	HG01	6	6	6	6
Hell Gate	New York	7913	HG02	6	6	6	6
Hillburn	New York	2628	001	1	1	1	1
Holtsville Facility	New York	8007	U00001	2	2	2	2
Holtsville Facility	New York	8007	U00002	2	2	2	2
Holtsville Facility	New York	8007	U00003	2	2	2	2
Holtsville Facility	New York	8007	U00004	2	2	2	2
Holtsville Facility	New York	8007	U00005	2	2	2	2

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
East River	New York	2493	1	51	51	5,684,399	4,236,521	4,155,952
East River	New York	2493	2	53	53	5,108,884	5,207,613	5,443,298
East River	New York	2493	60	276	276	3,121,189	3,069,118	3,237,129
East River	New York	2493	70	260	260	3,083,783	3,116,287	2,509,460
Edgewood Energy	New York	55786	CT01	4	4	623,610	567,303	437,057
Edgewood Energy	New York	55786	CT02	4	4	590,806	497,381	385,483
Equus Power I	New York	56032	0001	17	17	479,273	739,617	493,779
Far Rockaway	New York	2513	40	117	117	1,853,936	1,851,390	1,084,392
Fortistar North Tonawanda Inc	New York	54131	NTCT1	11	11	117,066	65,009	20,313
Freeport Power Plant No. 2	New York	2679	5	24	24	320,569	393,170	241,124
Glenwood	New York	2514	40	70	70	1,384,248	1,047,310	615,374
Glenwood	New York	2514	50	62	62	1,595,962	869,012	581,064
Glenwood	New York	2514	U00020	1	1	52,171	13,139	6,729
Glenwood	New York	2514	U00021	2	2	64,169	12,908	12,413
Glenwood Landing Energy Center	New York	7869	UGT012	5	5	488,812	416,911	267,191
Glenwood Landing Energy Center	New York	7869	UGT013	5	5	495,202	374,252	302,028
Harlem River Yard	New York	7914	HR01	5	5	250,312	304,152	247,607
Harlem River Yard	New York	7914	HR02	4	4	248,778	401,822	390,326
Hawkeye Energy Greenport, LLC	New York	55969	U-01	10	10	373,944	754,375	801,643
Hell Gate	New York	7913	HG01	6	6	242,877	378,042	413,036
Hell Gate	New York	7913	HG02	6	6	271,437	358,532	447,870
Hillburn	New York	2628	001	1	1	12,186	6,102	4,754
Holtsville Facility	New York	8007	U00001	2	2	30,983	22,251	26,188
Holtsville Facility	New York	8007	U00002	2	2	30,983	22,251	26,188
Holtsville Facility	New York	8007	U00003	2	2	39,752	21,571	29,992
Holtsville Facility	New York	8007	U00004	2	2	39,752	21,571	29,992
Holtsville Facility	New York	8007	U00005	2	2	38,961	17,365	22,482

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
East River	New York	2493	1	4,099,384	5,352,861	5,091,260	338,914,478	0.015022
East River	New York	2493	2	3,891,158	5,342,548	5,331,153	338,914,478	0.015730
East River	New York	2493	60	2,257,873	3,381,509	3,246,609	338,914,478	0.009579
East River	New York	2493	70	2,156,344	3,221,686	3,140,586	338,914,478	0.009267
Edgewood Energy	New York	55786	CT01	206,719	518,504	569,806	338,914,478	0.001681
Edgewood Energy	New York	55786	CT02	178,092	530,118	539,435	338,914,478	0.001592
Equus Power I	New York	56032	0001	303,758	534,649	589,348	338,914,478	0.001739
Far Rockaway	New York	2513	40	883,184	1,796,717	1,834,015	338,914,478	0.005411
Fortistar North Tonawanda Inc	New York	54131	NTCT1	6,204	110,631	97,569	338,914,478	0.000288
Freeport Power Plant No. 2	New York	2679	5	298,332	367,887	360,542	338,914,478	0.001064
Glenwood	New York	2514	40	425,482	1,628,302	1,353,287	338,914,478	0.003993
Glenwood	New York	2514	50	421,323	821,000	1,095,325	338,914,478	0.003232
Glenwood	New York	2514	U00020	5,875	10,646	25,319	338,914,478	0.000075
Glenwood	New York	2514	U00021		14,259	30,445	338,914,478	0.000090
Glenwood Landing Energy Center	New York	7869	UGT012	147,250	372,716	426,147	338,914,478	0.001257
Glenwood Landing Energy Center	New York	7869	UGT013	153,959	404,250	424,568	338,914,478	0.001253
Harlem River Yard	New York	7914	HR01	53,479	184,613	267,357	338,914,478	0.000789
Harlem River Yard	New York	7914	HR02	48,890	201,220	346,975	338,914,478	0.001024
Hawkeye Energy Greenport, LLC	New York	55969	U-01	470,134	285,295	675,384	338,914,478	0.001993
Hell Gate	New York	7913	HG01	54,138	154,412	344,652	338,914,478	0.001017
Hell Gate	New York	7913	HG02	51,480	171,222	359,280	338,914,478	0.001060
Hillburn	New York	2628	001	892	1,896	7,681	338,914,478	0.000023
Holtsville Facility	New York	8007	U00001	12,453	24,635	27,269	338,914,478	0.000080
Holtsville Facility	New York	8007	U00002	12,453	24,635	27,269	338,914,478	0.000080
Holtsville Facility	New York	8007	U00003	14,816	24,561	31,435	338,914,478	0.000093
Holtsville Facility	New York	8007	U00004	14,816	24,561	31,435	338,914,478	0.000093
Holtsville Facility	New York	8007	U00005	7,794	34,304	31,916	338,914,478	0.000094

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
East River	New York	2493	1	10,162	10,162	153	153		
East River	New York	2493	2	10,162	10,162	160	160		
East River	New York	2493	60	10,162	10,162	97	97	278	373
East River	New York	2493	70	10,162	10,162	94	94	223	180
Edgewood Energy	New York	55786	CT01	10,162	10,162	17	17	1	1
Edgewood Energy	New York	55786	CT02	10,162	10,162	16	16	1	1
Equus Power I	New York	56032	0001	10,162	10,162	18	18		15
Far Rockaway	New York	2513	40	10,162	10,162	55	55	46	77
Fortistar North Tonawanda Inc	New York	54131	NTCT1	10,162	10,162	3	3	44	16
Freeport Power Plant No. 2	New York	2679	5	10,162	10,162	11	11		1
Glenwood	New York	2514	40	10,162	10,162	41	41	73	51
Glenwood	New York	2514	50	10,162	10,162	33	33	72	54
Glenwood	New York	2514	U00020	10,162	10,162	1	1	20	11
Glenwood	New York	2514	U00021	10,162	10,162	1	1	19	8
Glenwood Landing Energy Center	New York	7869	UGT012	10,162	10,162	13	13	2	2
Glenwood Landing Energy Center	New York	7869	UGT013	10,162	10,162	13	13	2	2
Harlem River Yard	New York	7914	HR01	10,162	10,162	8	8	3	2
Harlem River Yard	New York	7914	HR02	10,162	10,162	10	10	2	2
Hawkeye Energy Greenport, LLC	New York	55969	U-01	10,162	10,162	20	20	4	4
Hell Gate	New York	7913	HG01	10,162	10,162	10	10	3	2
Hell Gate	New York	7913	HG02	10,162	10,162	11	11	3	2
Hillburn	New York	2628	001	10,162	10,162	0	0	4	0
Holtsville Facility	New York	8007	U00001	10,162	10,162	1	1	23	11
Holtsville Facility	New York	8007	U00002	10,162	10,162	1	1	23	11
Holtsville Facility	New York	8007	U00003	10,162	10,162	1	1	39	14
Holtsville Facility	New York	8007	U00004	10,162	10,162	1	1	39	14
Holtsville Facility	New York	8007	U00005	10,162	10,162	1	1	53	20

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
East River	New York	2493	1	20	17	15	15	14	19
East River	New York	2493	2	22	15	15	17	14	20
East River	New York	2493	60	222	207	196	206	138	222
East River	New York	2493	70	193	186	173	157	155	240
Edgewood Energy	New York	55786	CT01	2	2	2	2	1	2
Edgewood Energy	New York	55786	CT02	2	2	2	1	1	2
Equus Power I	New York	56032	0001	3	4	4	3	2	3
Far Rockaway	New York	2513	40	79	69	82	48	33	63
Fortistar North Tonawanda Inc	New York	54131	NTCT1	30	5	3	1	0	5
Freeport Power Plant No. 2	New York	2679	5	3	2	3	2	2	2
Glenwood	New York	2514	40	39	50	36	21	13	52
Glenwood	New York	2514	50	38	59	31	20	13	28
Glenwood	New York	2514	U00020	17	15	4	2	2	3
Glenwood	New York	2514	U00021	36	19	4	4		4
Glenwood Landing Energy Center	New York	7869	UGT012	2	3	2	2	1	2
Glenwood Landing Energy Center	New York	7869	UGT013	2	3	2	2	1	2
Harlem River Yard	New York	7914	HR01	2	1	2	1	0	1
Harlem River Yard	New York	7914	HR02	2	1	2	2	0	1
Hawkeye Energy Greenport, LLC	New York	55969	U-01	6	4	9	10	6	3
Hell Gate	New York	7913	HG01	2	1	2	2	0	1
Hell Gate	New York	7913	HG02	2	1	2	3	0	1
Hillburn	New York	2628	001	3	3	1	1	0	1
Holtsville Facility	New York	8007	U00001	10	11	10	9	6	12
Holtsville Facility	New York	8007	U00002	10	11	10	9	6	12
Holtsville Facility	New York	8007	U00003	18	16	9	11	7	12
Holtsville Facility	New York	8007	U00004	18	16	9	11	7	12
Holtsville Facility	New York	8007	U00005	16	12	5	7	2	17

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
East River	New York	2493	1	20					
East River	New York	2493	2	22					
East River	New York	2493	60	373					
East River	New York	2493	70	240					
Edgewood Energy	New York	55786	CT01	2					
Edgewood Energy	New York	55786	CT02	2					
Equus Power I	New York	56032	0001	15					
Far Rockaway	New York	2513	40	82					
Fortistar North Tonawanda Inc	New York	54131	NTCT1	44					
Freeport Power Plant No. 2	New York	2679	5	3					
Glenwood	New York	2514	40	73					
Glenwood	New York	2514	50	72					
Glenwood	New York	2514	U00020	20					
Glenwood	New York	2514	U00021	36					
Glenwood Landing Energy Center	New York	7869	UGT012	3					
Glenwood Landing Energy Center	New York	7869	UGT013	3					
Harlem River Yard	New York	7914	HR01	3					
Harlem River Yard	New York	7914	HR02	2					
Hawkeye Energy Greenport, LLC	New York	55969	U-01	10					
Hell Gate	New York	7913	HG01	3					
Hell Gate	New York	7913	HG02	3					
Hillburn	New York	2628	001	4					
Holtsville Facility	New York	8007	U00001	23					
Holtsville Facility	New York	8007	U00002	23					
Holtsville Facility	New York	8007	U00003	39					
Holtsville Facility	New York	8007	U00004	39					
Holtsville Facility	New York	8007	U00005	53					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
East River	New York	2493	1			20	20
East River	New York	2493	2			22	22
East River	New York	2493	60			139	139
East River	New York	2493	70			135	135
Edgewood Energy	New York	55786	CT01			2	2
Edgewood Energy	New York	55786	CT02			2	2
Equus Power I	New York	56032	0001			15	15
Far Rockaway	New York	2513	40			79	79
Fortistar North Tonawanda Inc	New York	54131	NTCT1			4	4
Freeport Power Plant No. 2	New York	2679	5			3	3
Glenwood	New York	2514	40			58	58
Glenwood	New York	2514	50			47	47
Glenwood	New York	2514	U00020			1	1
Glenwood	New York	2514	U00021			1	1
Glenwood Landing Energy Center	New York	7869	UGT012			3	3
Glenwood Landing Energy Center	New York	7869	UGT013			3	3
Harlem River Yard	New York	7914	HR01			3	3
Harlem River Yard	New York	7914	HR02			2	2
Hawkeye Energy Greenport, LLC	New York	55969	U-01			10	10
Hell Gate	New York	7913	HG01			3	3
Hell Gate	New York	7913	HG02			3	3
Hillburn	New York	2628	001			0	0
Holtsville Facility	New York	8007	U00001			1	1
Holtsville Facility	New York	8007	U00002			1	1
Holtsville Facility	New York	8007	U00003			1	1
Holtsville Facility	New York	8007	U00004			1	1
Holtsville Facility	New York	8007	U00005			1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
East River	New York	2493	1	20	20	20	20
East River	New York	2493	2	22	22	22	22
East River	New York	2493	60	139	139	139	139
East River	New York	2493	70	135	135	135	135
Edgewood Energy	New York	55786	CT01	2	2	2	2
Edgewood Energy	New York	55786	CT02	2	2	2	2
Equus Power I	New York	56032	0001	15	15	15	15
Far Rockaway	New York	2513	40	79	79	79	79
Fortistar North Tonawanda Inc	New York	54131	NTCT1	4	4	4	4
Freeport Power Plant No. 2	New York	2679	5	3	3	3	3
Glenwood	New York	2514	40	58	58	58	58
Glenwood	New York	2514	50	47	47	47	47
Glenwood	New York	2514	U00020	1	1	1	1
Glenwood	New York	2514	U00021	1	1	1	1
Glenwood Landing Energy Center	New York	7869	UGT012	3	3	3	3
Glenwood Landing Energy Center	New York	7869	UGT013	3	3	3	3
Harlem River Yard	New York	7914	HR01	3	3	3	3
Harlem River Yard	New York	7914	HR02	2	2	2	2
Hawkeye Energy Greenport, LLC	New York	55969	U-01	10	10	10	10
Hell Gate	New York	7913	HG01	3	3	3	3
Hell Gate	New York	7913	HG02	3	3	3	3
Hillburn	New York	2628	001	0	0	0	0
Holtsville Facility	New York	8007	U00001	1	1	1	1
Holtsville Facility	New York	8007	U00002	1	1	1	1
Holtsville Facility	New York	8007	U00003	1	1	1	1
Holtsville Facility	New York	8007	U00004	1	1	1	1
Holtsville Facility	New York	8007	U00005	1	1	1	1

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
East River	New York	2493	1	Y	Y		Y		
East River	New York	2493	2	Y	Y		Y		
East River	New York	2493	60	Y	Y		Y		
East River	New York	2493	70	Y	Y		Y		
Edgewood Energy	New York	55786	CT01	Y	Y		Y		
Edgewood Energy	New York	55786	CT02	Y	Y		Y		
Equus Power I	New York	56032	0001	Y	Y		Y		
Far Rockaway	New York	2513	40	Y	Y		Y		
Fortistar North Tonawanda Inc	New York	54131	NTCT1	Y	Y		Y		
Freeport Power Plant No. 2	New York	2679	5	Y	Y		Y		
Glenwood	New York	2514	40	Y	Y		Y		
Glenwood	New York	2514	50	Y	Y		Y		
Glenwood	New York	2514	U00020	Y	Y		Y		
Glenwood	New York	2514	U00021	Y	Y		Y		
Glenwood Landing Energy Center	New York	7869	UGT012	Y	Y		Y		
Glenwood Landing Energy Center	New York	7869	UGT013	Y	Y		Y		
Harlem River Yard	New York	7914	HR01	Y	Y		Y		
Harlem River Yard	New York	7914	HR02	Y	Y		Y		
Hawkeye Energy Greenport, LLC	New York	55969	U-01	Y	Y		Y		
Hell Gate	New York	7913	HG01	Y	Y		Y		
Hell Gate	New York	7913	HG02	Y	Y		Y		
Hillburn	New York	2628	001	Y	Y		Y		
Holtsville Facility	New York	8007	U00001	Y	Y		Y		
Holtsville Facility	New York	8007	U00002	Y	Y		Y		
Holtsville Facility	New York	8007	U00003	Y	Y		Y		
Holtsville Facility	New York	8007	U00004	Y	Y		Y		
Holtsville Facility	New York	8007	U00005	Y	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Holtsville Facility	New York	8007	U00006	3407	44,937	39,416	30,488	28,033	38,038
Holtsville Facility	New York	8007	U00007	3408	42,621	53,184	31,712	31,035	38,134
Holtsville Facility	New York	8007	U00008	3409	42,621	53,184	31,712	31,035	38,134
Holtsville Facility	New York	8007	U00009	3410	43,563	42,731	26,131	35,764	35,425
Holtsville Facility	New York	8007	U00010	3411	43,563	42,731	26,131	35,764	35,425
Holtsville Facility	New York	8007	U00011	3412	33,546	65,490	56,531	39,816	86,927
Holtsville Facility	New York	8007	U00012	3413	33,546	65,490	56,531	39,816	87,150
Holtsville Facility	New York	8007	U00013	3414	70,175	102,513	69,948	45,508	61,353
Holtsville Facility	New York	8007	U00014	3415	70,175	102,513	69,948	45,508	60,570
Holtsville Facility	New York	8007	U00015	3416	31,025	49,202	62,438	30,746	70,379
Holtsville Facility	New York	8007	U00016	3417	31,025	49,202	62,438	30,746	70,295
Holtsville Facility	New York	8007	U00017	3418	51,037	135,684	43,503	42,836	67,744
Holtsville Facility	New York	8007	U00018	3419	51,037	135,684	43,503	42,836	67,646
Holtsville Facility	New York	8007	U00019	3420	40,381	43,892	47,812	33,152	81,186
Holtsville Facility	New York	8007	U00020	3421	40,381	43,892	47,812	33,152	79,717
Huntley Power	New York	2549	67	1781	14,013,512	13,014,386	12,533,499	9,796,553	10,334,101
Huntley Power	New York	2549	68	1782	14,228,051	12,454,094	11,910,892	9,975,567	11,306,860
Indeck-Corinth Energy Center	New York	50458	1	3663	4,008,237	4,188,342	6,237,433	3,573,900	4,918,496
Indeck-Olean Energy Center	New York	54076	1	3747	710,261	2,064,389	2,357,929	1,587,435	2,363,932
Indeck-Oswego Energy Center	New York	50450	1	3661	88,837	227,753	104,070	36,232	85,767
Indeck-Silver Springs Energy Center	New York	50449	1	3660	1,084,986	127,769	66,846	42,198	112,269
Indeck-Yerkes Energy Center	New York	50451	1	3662	138,939	207,923	72,530	64,783	195,151
Independence	New York	54547	1	3774	3,447,450	4,273,818	2,585,633	5,145,677	6,265,091
Independence	New York	54547	2	3775	3,300,486	4,060,303	2,982,807	6,275,679	6,040,417
Independence	New York	54547	3	3776	3,148,240	5,009,795	1,599,736	5,085,875	6,655,472
Independence	New York	54547	4	3777	2,916,004	4,694,522	1,902,427	5,327,863	6,813,438
KIAC Cogeneration	New York	54114	GT1	3752	3,021,044	2,667,092	2,527,690	2,848,386	2,855,910

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Holtsville Facility	New York	8007	U00006	40,797	707,632,553	0.000058	35,570	27,005
Holtsville Facility	New York	8007	U00007	44,646	707,632,553	0.000063	35,570	27,005
Holtsville Facility	New York	8007	U00008	44,646	707,632,553	0.000063	35,570	27,005
Holtsville Facility	New York	8007	U00009	40,686	707,632,553	0.000057	35,570	27,005
Holtsville Facility	New York	8007	U00010	40,686	707,632,553	0.000057	35,570	27,005
Holtsville Facility	New York	8007	U00011	69,649	707,632,553	0.000098	35,570	27,005
Holtsville Facility	New York	8007	U00012	69,724	707,632,553	0.000099	35,570	27,005
Holtsville Facility	New York	8007	U00013	80,879	707,632,553	0.000114	35,570	27,005
Holtsville Facility	New York	8007	U00014	80,879	707,632,553	0.000114	35,570	27,005
Holtsville Facility	New York	8007	U00015	60,673	707,632,553	0.000086	35,570	27,005
Holtsville Facility	New York	8007	U00016	60,645	707,632,553	0.000086	35,570	27,005
Holtsville Facility	New York	8007	U00017	84,821	707,632,553	0.000120	35,570	27,005
Holtsville Facility	New York	8007	U00018	84,789	707,632,553	0.000120	35,570	27,005
Holtsville Facility	New York	8007	U00019	57,630	707,632,553	0.000081	35,570	27,005
Holtsville Facility	New York	8007	U00020	57,140	707,632,553	0.000081	35,570	27,005
Huntley Power	New York	2549	67	13,187,133	707,632,553	0.018636	35,570	27,005
Huntley Power	New York	2549	68	12,864,345	707,632,553	0.018179	35,570	27,005
Indeck-Corinth Energy Center	New York	50458	1	5,114,757	707,632,553	0.007228	35,570	27,005
Indeck-Olean Energy Center	New York	54076	1	2,262,083	707,632,553	0.003197	35,570	27,005
Indeck-Oswego Energy Center	New York	50450	1	140,220	707,632,553	0.000198	35,570	27,005
Indeck-Silver Springs Energy Center	New York	50449	1	441,674	707,632,553	0.000624	35,570	27,005
Indeck-Yerkes Energy Center	New York	50451	1	180,671	707,632,553	0.000255	35,570	27,005
Independence	New York	54547	1	5,228,195	707,632,553	0.007388	35,570	27,005
Independence	New York	54547	2	5,458,800	707,632,553	0.007714	35,570	27,005
Independence	New York	54547	3	5,583,714	707,632,553	0.007891	35,570	27,005
Independence	New York	54547	4	5,611,941	707,632,553	0.007931	35,570	27,005
KIAC Cogeneration	New York	54114	GT1	2,908,447	707,632,553	0.004110	35,570	27,005

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Holtsville Facility	New York	8007	U00006	21,288	21,288	2	2	1	1
Holtsville Facility	New York	8007	U00007	21,288	21,288	2	2	1	1
Holtsville Facility	New York	8007	U00008	21,288	21,288	2	2	1	1
Holtsville Facility	New York	8007	U00009	21,288	21,288	2	2	1	1
Holtsville Facility	New York	8007	U00010	21,288	21,288	2	2	1	1
Holtsville Facility	New York	8007	U00011	21,288	21,288	4	3	2	2
Holtsville Facility	New York	8007	U00012	21,288	21,288	4	3	2	2
Holtsville Facility	New York	8007	U00013	21,288	21,288	4	3	2	2
Holtsville Facility	New York	8007	U00014	21,288	21,288	4	3	2	2
Holtsville Facility	New York	8007	U00015	21,288	21,288	3	2	2	2
Holtsville Facility	New York	8007	U00016	21,288	21,288	3	2	2	2
Holtsville Facility	New York	8007	U00017	21,288	21,288	4	3	3	3
Holtsville Facility	New York	8007	U00018	21,288	21,288	4	3	3	3
Holtsville Facility	New York	8007	U00019	21,288	21,288	3	2	2	2
Holtsville Facility	New York	8007	U00020	21,288	21,288	3	2	2	2
Huntley Power	New York	2549	67	21,288	21,288	663	503	397	397
Huntley Power	New York	2549	68	21,288	21,288	647	491	387	387
Indeck-Corinth Energy Center	New York	50458	1	21,288	21,288	257	195	154	154
Indeck-Olean Energy Center	New York	54076	1	21,288	21,288	114	86	68	68
Indeck-Oswego Energy Center	New York	50450	1	21,288	21,288	7	5	4	4
Indeck-Silver Springs Energy Center	New York	50449	1	21,288	21,288	22	17	13	13
Indeck-Yerkes Energy Center	New York	50451	1	21,288	21,288	9	7	5	5
Independence	New York	54547	1	21,288	21,288	263	200	157	157
Independence	New York	54547	2	21,288	21,288	274	208	164	164
Independence	New York	54547	3	21,288	21,288	281	213	168	168
Independence	New York	54547	4	21,288	21,288	282	214	169	169
KIAC Cogeneration	New York	54114	GT1	21,288	21,288	146	111	87	87

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Holtsville Facility	New York	8007	U00006					
Holtsville Facility	New York	8007	U00007					
Holtsville Facility	New York	8007	U00008					
Holtsville Facility	New York	8007	U00009					
Holtsville Facility	New York	8007	U00010					
Holtsville Facility	New York	8007	U00011					
Holtsville Facility	New York	8007	U00012					
Holtsville Facility	New York	8007	U00013					
Holtsville Facility	New York	8007	U00014					
Holtsville Facility	New York	8007	U00015					
Holtsville Facility	New York	8007	U00016					
Holtsville Facility	New York	8007	U00017					
Holtsville Facility	New York	8007	U00018					
Holtsville Facility	New York	8007	U00019					
Holtsville Facility	New York	8007	U00020					
Huntley Power	New York	2549	67	10,997	9,404	5,307	4,155	3,847
Huntley Power	New York	2549	68	11,518	10,237	5,777	4,447	3,583
Indeck-Corinth Energy Center	New York	50458	1	6	4	2	1	1
Indeck-Olean Energy Center	New York	54076	1	2	5	5	1	1
Indeck-Oswego Energy Center	New York	50450	1	0	0	0	0	0
Indeck-Silver Springs Energy Center	New York	50449	1	4	0	0	2	0
Indeck-Yerkes Energy Center	New York	50451	1	0	0	0	0	0
Independence	New York	54547	1		1	2	1	1
Independence	New York	54547	2		1	2	1	1
Independence	New York	54547	3		1	1	1	2
Independence	New York	54547	4		1	2	1	1
KIAC Cogeneration	New York	54114	GT1					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns V - AC		
Holtsville Facility	New York	8007	U00006		0	10	10		
Holtsville Facility	New York	8007	U00007		8	10	10		
Holtsville Facility	New York	8007	U00008		8	10	10		
Holtsville Facility	New York	8007	U00009		9	9	9		
Holtsville Facility	New York	8007	U00010		9	9	9		
Holtsville Facility	New York	8007	U00011		10	22	22		
Holtsville Facility	New York	8007	U00012		10	22	22		
Holtsville Facility	New York	8007	U00013		11	15	15		
Holtsville Facility	New York	8007	U00014		11	15	15		
Holtsville Facility	New York	8007	U00015		8	18	18		
Holtsville Facility	New York	8007	U00016		8	18	18		
Holtsville Facility	New York	8007	U00017		11	17	17		
Holtsville Facility	New York	8007	U00018		11	17	17		
Holtsville Facility	New York	8007	U00019		8	20	20		
Holtsville Facility	New York	8007	U00020		8	20	20		
Huntley Power	New York	2549	67	3,515	2,964	2,895	10,997		
Huntley Power	New York	2549	68	3,337	3,054	3,146	11,518		
Indeck-Corinth Energy Center	New York	50458	1	2	1	1	6		
Indeck-Olean Energy Center	New York	54076	1	1	0	1	5		
Indeck-Oswego Energy Center	New York	50450	1	0	0	0	0		
Indeck-Silver Springs Energy Center	New York	50449	1	0	0	0	4		
Indeck-Yerkes Energy Center	New York	50451	1	0	0	0	0		
Independence	New York	54547	1	1	2	2	2		
Independence	New York	54547	2	1	2	2	2		
Independence	New York	54547	3	0	2	2	2		
Independence	New York	54547	4	1	2	2	2		
KIAC Cogeneration	New York	54114	GT1		1	1	1		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Holtsville Facility	New York	8007	U00006					61	26
Holtsville Facility	New York	8007	U00007					20	22
Holtsville Facility	New York	8007	U00008					20	22
Holtsville Facility	New York	8007	U00009					26	12
Holtsville Facility	New York	8007	U00010					26	12
Holtsville Facility	New York	8007	U00011					21	10
Holtsville Facility	New York	8007	U00012					21	10
Holtsville Facility	New York	8007	U00013					47	21
Holtsville Facility	New York	8007	U00014					47	21
Holtsville Facility	New York	8007	U00015					24	8
Holtsville Facility	New York	8007	U00016					24	8
Holtsville Facility	New York	8007	U00017					35	47
Holtsville Facility	New York	8007	U00018					35	47
Holtsville Facility	New York	8007	U00019					22	51
Holtsville Facility	New York	8007	U00020					22	51
Huntley Power	New York	2549	67					1,584	1,388
Huntley Power	New York	2549	68					1,628	1,500
Indeck-Corinth Energy Center	New York	50458	1					102	105
Indeck-Olean Energy Center	New York	54076	1					16	30
Indeck-Oswego Energy Center	New York	50450	1					16	7
Indeck-Silver Springs Energy Center	New York	50449	1					69	37
Indeck-Yerkes Energy Center	New York	50451	1					16	30
Independence	New York	54547	1					48	36
Independence	New York	54547	2					46	30
Independence	New York	54547	3					44	36
Independence	New York	54547	4					47	34
KIAC Cogeneration	New York	54114	GT1					51	55

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Holtsville Facility	New York	8007	U00006	33	14	13	9	9
Holtsville Facility	New York	8007	U00007	43	17	21	13	15
Holtsville Facility	New York	8007	U00008	43	17	21	13	15
Holtsville Facility	New York	8007	U00009	52	16	17	11	17
Holtsville Facility	New York	8007	U00010	52	16	17	11	17
Holtsville Facility	New York	8007	U00011	37	15	27	23	19
Holtsville Facility	New York	8007	U00012	37	15	27	23	19
Holtsville Facility	New York	8007	U00013	61	32	43	31	22
Holtsville Facility	New York	8007	U00014	61	32	43	31	22
Holtsville Facility	New York	8007	U00015	23	11	19	25	15
Holtsville Facility	New York	8007	U00016	23	11	19	25	15
Holtsville Facility	New York	8007	U00017	40	23	61	20	21
Holtsville Facility	New York	8007	U00018	40	23	61	20	21
Holtsville Facility	New York	8007	U00019	60	18	20	22	16
Holtsville Facility	New York	8007	U00020	60	18	20	22	16
Huntley Power	New York	2549	67	1,057	1,031	951	927	757
Huntley Power	New York	2549	68	1,003	1,064	900	885	784
Indeck-Corinth Energy Center	New York	50458	1	93	51	53	68	47
Indeck-Olean Energy Center	New York	54076	1	25	14	33	38	29
Indeck-Oswego Energy Center	New York	50450	1	8	6	17	8	3
Indeck-Silver Springs Energy Center	New York	50449	1	26	46	6	3	2
Indeck-Yerkes Energy Center	New York	50451	1	15	10	15	6	5
Independence	New York	54547	1	52	33	35	24	45
Independence	New York	54547	2	49	32	34	27	52
Independence	New York	54547	3	47	32	44	16	46
Independence	New York	54547	4	51	27	38	19	44
KIAC Cogeneration	New York	54114	GT1	56	37	30	29	30

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Holtsville Facility	New York	8007	U00006	18	61				
Holtsville Facility	New York	8007	U00007	18	43				
Holtsville Facility	New York	8007	U00008	18	43				
Holtsville Facility	New York	8007	U00009	17	52				
Holtsville Facility	New York	8007	U00010	17	52				
Holtsville Facility	New York	8007	U00011	25	37				
Holtsville Facility	New York	8007	U00012	26	37				
Holtsville Facility	New York	8007	U00013	16	61				
Holtsville Facility	New York	8007	U00014	15	61				
Holtsville Facility	New York	8007	U00015	18	25				
Holtsville Facility	New York	8007	U00016	19	25				
Holtsville Facility	New York	8007	U00017	19	61				
Holtsville Facility	New York	8007	U00018	20	61				
Holtsville Facility	New York	8007	U00019	20	60				
Holtsville Facility	New York	8007	U00020	20	60				
Huntley Power	New York	2549	67	802	1,584				
Huntley Power	New York	2549	68	890	1,628				
Indeck-Corinth Energy Center	New York	50458	1	65	105				
Indeck-Olean Energy Center	New York	54076	1	44	44				
Indeck-Oswego Energy Center	New York	50450	1	6	17				
Indeck-Silver Springs Energy Center	New York	50449	1	6	69				
Indeck-Yerkes Energy Center	New York	50451	1	15	30				
Independence	New York	54547	1	52	52				
Independence	New York	54547	2	49	52				
Independence	New York	54547	3	57	57				
Independence	New York	54547	4	51	51				
KIAC Cogeneration	New York	54114	GT1	30	56				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Holtsville Facility	New York	8007	U00006			4	4
Holtsville Facility	New York	8007	U00007			5	5
Holtsville Facility	New York	8007	U00008			5	5
Holtsville Facility	New York	8007	U00009			4	4
Holtsville Facility	New York	8007	U00010			4	4
Holtsville Facility	New York	8007	U00011			7	7
Holtsville Facility	New York	8007	U00012			7	7
Holtsville Facility	New York	8007	U00013			8	8
Holtsville Facility	New York	8007	U00014			8	8
Holtsville Facility	New York	8007	U00015			6	6
Holtsville Facility	New York	8007	U00016			6	6
Holtsville Facility	New York	8007	U00017			9	9
Holtsville Facility	New York	8007	U00018			9	9
Holtsville Facility	New York	8007	U00019			6	6
Holtsville Facility	New York	8007	U00020			6	6
Huntley Power	New York	2549	67			1,353	1,353
Huntley Power	New York	2549	68			1,320	1,320
Indeck-Corinth Energy Center	New York	50458	1			6	6
Indeck-Olean Energy Center	New York	54076	1			5	5
Indeck-Oswego Energy Center	New York	50450	1			0	0
Indeck-Silver Springs Energy Center	New York	50449	1			4	4
Indeck-Yerkes Energy Center	New York	50451	1			0	0
Independence	New York	54547	1			2	2
Independence	New York	54547	2			2	2
Independence	New York	54547	3			2	2
Independence	New York	54547	4			2	2
KIAC Cogeneration	New York	54114	GT1			1	1

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Holtsville Facility	New York	8007	U00006	3	3	3	3
Holtsville Facility	New York	8007	U00007	3	3	3	3
Holtsville Facility	New York	8007	U00008	3	3	3	3
Holtsville Facility	New York	8007	U00009	3	3	3	3
Holtsville Facility	New York	8007	U00010	3	3	3	3
Holtsville Facility	New York	8007	U00011	5	5	5	5
Holtsville Facility	New York	8007	U00012	5	5	5	5
Holtsville Facility	New York	8007	U00013	6	6	6	6
Holtsville Facility	New York	8007	U00014	6	6	6	6
Holtsville Facility	New York	8007	U00015	5	5	5	5
Holtsville Facility	New York	8007	U00016	5	5	5	5
Holtsville Facility	New York	8007	U00017	6	6	6	6
Holtsville Facility	New York	8007	U00018	6	6	6	6
Holtsville Facility	New York	8007	U00019	4	4	4	4
Holtsville Facility	New York	8007	U00020	4	4	4	4
Huntley Power	New York	2549	67	987	987	987	987
Huntley Power	New York	2549	68	963	963	963	963
Indeck-Corinth Energy Center	New York	50458	1	6	6	6	6
Indeck-Olean Energy Center	New York	54076	1	5	5	5	5
Indeck-Oswego Energy Center	New York	50450	1	0	0	0	0
Indeck-Silver Springs Energy Center	New York	50449	1	4	4	4	4
Indeck-Yerkes Energy Center	New York	50451	1	0	0	0	0
Independence	New York	54547	1	2	2	2	2
Independence	New York	54547	2	2	2	2	2
Independence	New York	54547	3	2	2	2	2
Independence	New York	54547	4	2	2	2	2
KIAC Cogeneration	New York	54114	GT1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Holtsville Facility	New York	8007	U00006	2	2	2	2
Holtsville Facility	New York	8007	U00007	2	2	2	2
Holtsville Facility	New York	8007	U00008	2	2	2	2
Holtsville Facility	New York	8007	U00009	2	2	2	2
Holtsville Facility	New York	8007	U00010	2	2	2	2
Holtsville Facility	New York	8007	U00011	3	3	3	3
Holtsville Facility	New York	8007	U00012	3	3	3	3
Holtsville Facility	New York	8007	U00013	4	4	4	4
Holtsville Facility	New York	8007	U00014	4	4	4	4
Holtsville Facility	New York	8007	U00015	3	3	3	3
Holtsville Facility	New York	8007	U00016	3	3	3	3
Holtsville Facility	New York	8007	U00017	4	4	4	4
Holtsville Facility	New York	8007	U00018	4	4	4	4
Holtsville Facility	New York	8007	U00019	3	3	3	3
Holtsville Facility	New York	8007	U00020	3	3	3	3
Huntley Power	New York	2549	67	584	584	584	584
Huntley Power	New York	2549	68	569	569	569	569
Indeck-Corinth Energy Center	New York	50458	1	105	105	105	105
Indeck-Olean Energy Center	New York	54076	1	44	44	44	44
Indeck-Oswego Energy Center	New York	50450	1	6	6	6	6
Indeck-Silver Springs Energy Center	New York	50449	1	20	20	20	20
Indeck-Yerkes Energy Center	New York	50451	1	8	8	8	8
Independence	New York	54547	1	52	52	52	52
Independence	New York	54547	2	52	52	52	52
Independence	New York	54547	3	57	57	57	57
Independence	New York	54547	4	51	51	51	51
KIAC Cogeneration	New York	54114	GT1	56	56	56	56

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Holtsville Facility	New York	8007	U00006	2	2	39,479	18,087	24,882
Holtsville Facility	New York	8007	U00007	2	2	36,042	38,448	24,777
Holtsville Facility	New York	8007	U00008	2	2	36,042	38,448	24,777
Holtsville Facility	New York	8007	U00009	2	2	38,718	32,552	22,872
Holtsville Facility	New York	8007	U00010	2	2	38,718	32,552	22,872
Holtsville Facility	New York	8007	U00011	3	3	30,537	47,085	50,648
Holtsville Facility	New York	8007	U00012	3	3	30,537	47,085	50,648
Holtsville Facility	New York	8007	U00013	4	4	63,304	51,378	47,564
Holtsville Facility	New York	8007	U00014	4	4	63,304	51,378	47,564
Holtsville Facility	New York	8007	U00015	3	3	27,726	29,914	55,445
Holtsville Facility	New York	8007	U00016	3	3	27,726	29,914	55,445
Holtsville Facility	New York	8007	U00017	4	4	43,762	73,873	41,387
Holtsville Facility	New York	8007	U00018	4	4	43,762	73,873	41,387
Holtsville Facility	New York	8007	U00019	3	3	37,047	36,762	43,967
Holtsville Facility	New York	8007	U00020	3	3	37,047	36,762	43,967
Huntley Power	New York	2549	67	584	584	4,939,604	4,120,529	5,866,045
Huntley Power	New York	2549	68	569	569	6,499,644	5,954,432	5,683,940
Indeck-Corinth Energy Center	New York	50458	1	105	105	2,970,304	2,272,579	2,821,475
Indeck-Olean Energy Center	New York	54076	1	44	44	482,703	854,091	896,913
Indeck-Oswego Energy Center	New York	50450	1	6	6	62,354	58,541	37,758
Indeck-Silver Springs Energy Center	New York	50449	1	20	20	1,074,590	76,208	38,880
Indeck-Yerkes Energy Center	New York	50451	1	8	8	94,828	105,303	25,914
Independence	New York	54547	1	52	52	2,045,360	1,848,431	520,893
Independence	New York	54547	2	52	52	1,926,014	1,631,150	517,322
Independence	New York	54547	3	57	57	1,816,643	2,060,695	440,015
Independence	New York	54547	4	51	51	1,682,996	1,678,818	540,654
KIAC Cogeneration	New York	54114	GT1	56	56	1,426,512	1,382,060	1,213,976

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Holtsville Facility	New York	8007	U00006	7,901	34,304	32,888	338,914,478	0.000097
Holtsville Facility	New York	8007	U00007	9,218	30,397	34,962	338,914,478	0.000103
Holtsville Facility	New York	8007	U00008	9,218	30,397	34,962	338,914,478	0.000103
Holtsville Facility	New York	8007	U00009	9,027	28,637	33,302	338,914,478	0.000098
Holtsville Facility	New York	8007	U00010	9,027	28,637	33,302	338,914,478	0.000098
Holtsville Facility	New York	8007	U00011	28,927	83,550	60,427	338,914,478	0.000178
Holtsville Facility	New York	8007	U00012	28,927	83,773	60,502	338,914,478	0.000179
Holtsville Facility	New York	8007	U00013	38,711	54,613	56,432	338,914,478	0.000167
Holtsville Facility	New York	8007	U00014	38,711	53,829	56,170	338,914,478	0.000166
Holtsville Facility	New York	8007	U00015	17,705	69,392	51,584	338,914,478	0.000152
Holtsville Facility	New York	8007	U00016	17,705	69,308	51,556	338,914,478	0.000152
Holtsville Facility	New York	8007	U00017	36,074	57,508	58,381	338,914,478	0.000172
Holtsville Facility	New York	8007	U00018	36,074	57,411	58,349	338,914,478	0.000172
Holtsville Facility	New York	8007	U00019	22,813	76,504	52,506	338,914,478	0.000155
Holtsville Facility	New York	8007	U00020	22,813	75,035	52,016	338,914,478	0.000153
Huntley Power	New York	2549	67	4,126,772	4,732,836	5,179,495	338,914,478	0.015283
Huntley Power	New York	2549	68	4,049,742	5,340,419	6,046,005	338,914,478	0.017839
Indeck-Corinth Energy Center	New York	50458	1	1,659,063	3,030,293	2,940,691	338,914,478	0.008677
Indeck-Olean Energy Center	New York	54076	1	488,003	902,930	884,645	338,914,478	0.002610
Indeck-Oswego Energy Center	New York	50450	1	15,130	47,875	56,257	338,914,478	0.000166
Indeck-Silver Springs Energy Center	New York	50449	1	18,883	48,255	399,684	338,914,478	0.001179
Indeck-Yerkes Energy Center	New York	50451	1	20,672	72,086	90,739	338,914,478	0.000268
Independence	New York	54547	1	1,142,383	2,605,747	2,166,513	338,914,478	0.006393
Independence	New York	54547	2	1,384,733	3,229,408	2,262,191	338,914,478	0.006675
Independence	New York	54547	3	1,562,184	3,319,640	2,398,993	338,914,478	0.007078
Independence	New York	54547	4	1,306,926	2,919,439	2,093,751	338,914,478	0.006178
KIAC Cogeneration	New York	54114	GT1	938,923	1,242,942	1,350,505	338,914,478	0.003985

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Holtsville Facility	New York	8007	U00006	10,162	10,162	1	1	53	20
Holtsville Facility	New York	8007	U00007	10,162	10,162	1	1	15	8
Holtsville Facility	New York	8007	U00008	10,162	10,162	1	1	15	8
Holtsville Facility	New York	8007	U00009	10,162	10,162	1	1	26	5
Holtsville Facility	New York	8007	U00010	10,162	10,162	1	1	26	5
Holtsville Facility	New York	8007	U00011	10,162	10,162	2	2	13	7
Holtsville Facility	New York	8007	U00012	10,162	10,162	2	2	13	7
Holtsville Facility	New York	8007	U00013	10,162	10,162	2	2	45	9
Holtsville Facility	New York	8007	U00014	10,162	10,162	2	2	45	9
Holtsville Facility	New York	8007	U00015	10,162	10,162	2	2	23	5
Holtsville Facility	New York	8007	U00016	10,162	10,162	2	2	23	5
Holtsville Facility	New York	8007	U00017	10,162	10,162	2	2	34	23
Holtsville Facility	New York	8007	U00018	10,162	10,162	2	2	34	23
Holtsville Facility	New York	8007	U00019	10,162	10,162	2	2	18	21
Holtsville Facility	New York	8007	U00020	10,162	10,162	2	2	18	21
Huntley Power	New York	2549	67	10,162	10,162	155	155	638	527
Huntley Power	New York	2549	68	10,162	10,162	181	181	658	564
Indeck-Corinth Energy Center	New York	50458	1	10,162	10,162	88	88	45	44
Indeck-Olean Energy Center	New York	54076	1	10,162	10,162	27	27	6	16
Indeck-Oswego Energy Center	New York	50450	1	10,162	10,162	2	2	10	3
Indeck-Silver Springs Energy Center	New York	50449	1	10,162	10,162	12	12	40	37
Indeck-Yerkes Energy Center	New York	50451	1	10,162	10,162	3	3	11	17
Independence	New York	54547	1	10,162	10,162	65	65	19	13
Independence	New York	54547	2	10,162	10,162	68	68	17	10
Independence	New York	54547	3	10,162	10,162	72	72	19	10
Independence	New York	54547	4	10,162	10,162	63	63	19	11
KIAC Cogeneration	New York	54114	GT1	10,162	10,162	40	40	24	28

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Holtsville Facility	New York	8007	U00006	16	12	5	7	2	17
Holtsville Facility	New York	8007	U00007	19	15	16	10	5	15
Holtsville Facility	New York	8007	U00008	19	15	16	10	5	15
Holtsville Facility	New York	8007	U00009	19	14	13	9	4	14
Holtsville Facility	New York	8007	U00010	19	14	13	9	4	14
Holtsville Facility	New York	8007	U00011	22	14	19	20	14	24
Holtsville Facility	New York	8007	U00012	22	14	19	20	14	25
Holtsville Facility	New York	8007	U00013	34	29	21	22	19	13
Holtsville Facility	New York	8007	U00014	34	29	21	22	19	12
Holtsville Facility	New York	8007	U00015	15	10	12	22	9	18
Holtsville Facility	New York	8007	U00016	15	10	12	22	9	18
Holtsville Facility	New York	8007	U00017	28	20	33	19	17	15
Holtsville Facility	New York	8007	U00018	28	20	33	19	17	15
Holtsville Facility	New York	8007	U00019	22	17	17	20	11	18
Holtsville Facility	New York	8007	U00020	22	17	17	20	11	17
Huntley Power	New York	2549	67	379	376	298	430	318	386
Huntley Power	New York	2549	68	433	497	428	419	322	441
Indeck-Corinth Energy Center	New York	50458	1	41	37	28	29	22	38
Indeck-Olean Energy Center	New York	54076	1	9	8	14	15	9	17
Indeck-Oswego Energy Center	New York	50450	1	5	4	4	3	1	4
Indeck-Silver Springs Energy Center	New York	50449	1	25	45	4	2	1	3
Indeck-Yerkes Energy Center	New York	50451	1	11	7	8	2	2	6
Independence	New York	54547	1	27	20	16	5	11	23
Independence	New York	54547	2	25	18	15	5	13	26
Independence	New York	54547	3	25	19	18	5	15	28
Independence	New York	54547	4	26	16	14	6	13	23
KIAC Cogeneration	New York	54114	GT1	26	18	15	15	10	13

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Holtsville Facility	New York	8007	U00006	53					
Holtsville Facility	New York	8007	U00007	19					
Holtsville Facility	New York	8007	U00008	19					
Holtsville Facility	New York	8007	U00009	26					
Holtsville Facility	New York	8007	U00010	26					
Holtsville Facility	New York	8007	U00011	24					
Holtsville Facility	New York	8007	U00012	25					
Holtsville Facility	New York	8007	U00013	45					
Holtsville Facility	New York	8007	U00014	45					
Holtsville Facility	New York	8007	U00015	23					
Holtsville Facility	New York	8007	U00016	23					
Holtsville Facility	New York	8007	U00017	34					
Holtsville Facility	New York	8007	U00018	34					
Holtsville Facility	New York	8007	U00019	22					
Holtsville Facility	New York	8007	U00020	22					
Huntley Power	New York	2549	67	638					
Huntley Power	New York	2549	68	658					
Indeck-Corinth Energy Center	New York	50458	1	45					
Indeck-Olean Energy Center	New York	54076	1	17					
Indeck-Oswego Energy Center	New York	50450	1	10					
Indeck-Silver Springs Energy Center	New York	50449	1	45					
Indeck-Yerkes Energy Center	New York	50451	1	17					
Independence	New York	54547	1	27					
Independence	New York	54547	2	26					
Independence	New York	54547	3	28					
Independence	New York	54547	4	26					
KIAC Cogeneration	New York	54114	GT1	28					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Holtsville Facility	New York	8007	U00006			1	1
Holtsville Facility	New York	8007	U00007			2	2
Holtsville Facility	New York	8007	U00008			2	2
Holtsville Facility	New York	8007	U00009			1	1
Holtsville Facility	New York	8007	U00010			1	1
Holtsville Facility	New York	8007	U00011			3	3
Holtsville Facility	New York	8007	U00012			3	3
Holtsville Facility	New York	8007	U00013			2	2
Holtsville Facility	New York	8007	U00014			2	2
Holtsville Facility	New York	8007	U00015			2	2
Holtsville Facility	New York	8007	U00016			2	2
Holtsville Facility	New York	8007	U00017			3	3
Holtsville Facility	New York	8007	U00018			3	3
Holtsville Facility	New York	8007	U00019			2	2
Holtsville Facility	New York	8007	U00020			2	2
Huntley Power	New York	2549	67			222	222
Huntley Power	New York	2549	68			259	259
Indeck-Corinth Energy Center	New York	50458	1			45	45
Indeck-Olean Energy Center	New York	54076	1			17	17
Indeck-Oswego Energy Center	New York	50450	1			2	2
Indeck-Silver Springs Energy Center	New York	50449	1			17	17
Indeck-Yerkes Energy Center	New York	50451	1			4	4
Independence	New York	54547	1			27	27
Independence	New York	54547	2			26	26
Independence	New York	54547	3			28	28
Independence	New York	54547	4			26	26
KIAC Cogeneration	New York	54114	GT1			28	28

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Holtsville Facility	New York	8007	U00006	1	1	1	1
Holtsville Facility	New York	8007	U00007	2	2	2	2
Holtsville Facility	New York	8007	U00008	2	2	2	2
Holtsville Facility	New York	8007	U00009	1	1	1	1
Holtsville Facility	New York	8007	U00010	1	1	1	1
Holtsville Facility	New York	8007	U00011	3	3	3	3
Holtsville Facility	New York	8007	U00012	3	3	3	3
Holtsville Facility	New York	8007	U00013	2	2	2	2
Holtsville Facility	New York	8007	U00014	2	2	2	2
Holtsville Facility	New York	8007	U00015	2	2	2	2
Holtsville Facility	New York	8007	U00016	2	2	2	2
Holtsville Facility	New York	8007	U00017	3	3	3	3
Holtsville Facility	New York	8007	U00018	3	3	3	3
Holtsville Facility	New York	8007	U00019	2	2	2	2
Holtsville Facility	New York	8007	U00020	2	2	2	2
Huntley Power	New York	2549	67	222	222	222	222
Huntley Power	New York	2549	68	259	259	259	259
Indeck-Corinth Energy Center	New York	50458	1	45	45	45	45
Indeck-Olean Energy Center	New York	54076	1	17	17	17	17
Indeck-Oswego Energy Center	New York	50450	1	2	2	2	2
Indeck-Silver Springs Energy Center	New York	50449	1	17	17	17	17
Indeck-Yerkes Energy Center	New York	50451	1	4	4	4	4
Independence	New York	54547	1	27	27	27	27
Independence	New York	54547	2	26	26	26	26
Independence	New York	54547	3	28	28	28	28
Independence	New York	54547	4	26	26	26	26
KIAC Cogeneration	New York	54114	GT1	28	28	28	28

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Holtsville Facility	New York	8007	U00006	Y	Y		Y		
Holtsville Facility	New York	8007	U00007	Y	Y		Y		
Holtsville Facility	New York	8007	U00008	Y	Y		Y		
Holtsville Facility	New York	8007	U00009	Y	Y		Y		
Holtsville Facility	New York	8007	U00010	Y	Y		Y		
Holtsville Facility	New York	8007	U00011	Y	Y		Y		
Holtsville Facility	New York	8007	U00012	Y	Y		Y		
Holtsville Facility	New York	8007	U00013	Y	Y		Y		
Holtsville Facility	New York	8007	U00014	Y	Y		Y		
Holtsville Facility	New York	8007	U00015	Y	Y		Y		
Holtsville Facility	New York	8007	U00016	Y	Y		Y		
Holtsville Facility	New York	8007	U00017	Y	Y		Y		
Holtsville Facility	New York	8007	U00018	Y	Y		Y		
Holtsville Facility	New York	8007	U00019	Y	Y		Y		
Holtsville Facility	New York	8007	U00020	Y	Y		Y		
Huntley Power	New York	2549	67	Y	Y		Y		
Huntley Power	New York	2549	68	Y	Y		Y		
Indeck-Corinth Energy Center	New York	50458	1	Y	Y		Y		
Indeck-Olean Energy Center	New York	54076	1	Y	Y		Y		
Indeck-Oswego Energy Center	New York	50450	1	Y	Y		Y		
Indeck-Silver Springs Energy Center	New York	50449	1	Y	Y		Y		
Indeck-Yerkes Energy Center	New York	50451	1	Y	Y		Y		
Independence	New York	54547	1	Y	Y		Y		
Independence	New York	54547	2	Y	Y		Y		
Independence	New York	54547	3	Y	Y		Y		
Independence	New York	54547	4	Y	Y		Y		
KIAC Cogeneration	New York	54114	GT1	Y	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
KIAC Cogeneration	New York	54114	GT2	3753	2,252,812	2,347,662	2,131,502	1,918,658	2,568,451
Lockport	New York	54041	011854	3743	1,303,793	2,123,976	39,481	40,939	153,303
Lockport	New York	54041	011855	3744	2,106,819	1,826,201	36,893	34,659	149,405
Lockport	New York	54041	011856	3745	2,258,718	2,168,059	57,588	45,596	150,268
Massena Energy Facility	New York	54592	001	3783	10,367	116,301	33,716	12,648	52,812
NRG Dunkirk Power	New York	2554	1	1783	6,051,806	6,556,043	7,206,246	4,888,642	4,453,416
NRG Dunkirk Power	New York	2554	2	1784	7,085,865	6,721,534	7,175,479	4,667,953	4,597,643
NRG Dunkirk Power	New York	2554	3	1785	10,796,224	12,208,225	11,863,016	9,500,365	10,865,602
NRG Dunkirk Power	New York	2554	4	1786	10,814,865	10,226,471	11,882,420	8,524,150	9,330,466
Nassau Energy Corporation	New York	52056	00004	3714	3,932,172	4,352,729	4,069,349	3,748,505	4,534,972
Niagara Generation, LLC	New York	50202	1	3641	4,880,868	2,347,813	4,080,774	1,896,539	851,706
Nissequogue Cogen	New York	54149	1	3757	3,368,109	3,114,364	3,221,082	3,028,472	3,494,803
North 1st	New York	7915	NO1	8400	850,144	1,188,120	802,899	127,312	534,363
Northport	New York	2516	1	1743	14,236,435	20,057,523	11,401,614	8,687,516	14,494,393
Northport	New York	2516	2	1744	18,897,827	11,661,692	12,048,553	8,111,147	10,825,688
Northport	New York	2516	3	1745	17,283,474	10,714,457	10,550,479	7,195,012	14,903,673
Northport	New York	2516	4	1746	13,506,718	14,491,874	13,021,569	12,317,356	9,279,670
Oswego Harbor Power	New York	2594	5	1791	792,933	1,888,902	603,777	365,434	440,072
Oswego Harbor Power	New York	2594	6	1792	853,088	1,051,367	570,231	589,691	426,289
Pinelawn Power	New York	56188	00001	89567	3,445,966	2,336,377	2,663,278	1,926,913	1,626,744
Poletti 500 MW CC	New York	56196	CTG7A	89648	11,160,422	11,971,599	10,110,862	11,201,223	11,379,573
Poletti 500 MW CC	New York	56196	CTG7B	89649	11,380,308	11,981,043	9,612,657	10,700,003	11,303,993
Port Jefferson Energy Center	New York	2517	3	1750	7,353,368	5,252,694	5,694,127	3,265,985	3,495,862
Port Jefferson Energy Center	New York	2517	4	1751	6,848,333	7,510,751	3,551,295	2,694,364	2,411,031
Port Jefferson Energy Center	New York	2517	UGT002	10016	647,269	544,408	493,811	287,730	515,196
Port Jefferson Energy Center	New York	2517	UGT003	10017	647,951	613,263	409,004	289,307	482,136
Pouch Terminal	New York	8053	PT01	8388	668,457	1,507,447	1,225,447	594,089	854,611

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
KIAC Cogeneration	New York	54114	GT2	2,389,642	707,632,553	0.003377	35,570	27,005
Lockport	New York	54041	011854	1,193,691	707,632,553	0.001687	35,570	27,005
Lockport	New York	54041	011855	1,360,808	707,632,553	0.001923	35,570	27,005
Lockport	New York	54041	011856	1,525,682	707,632,553	0.002156	35,570	27,005
Massena Energy Facility	New York	54592	001	67,610	707,632,553	0.000096	35,570	27,005
NRG Dunkirk Power	New York	2554	1	6,604,698	707,632,553	0.009334	35,570	27,005
NRG Dunkirk Power	New York	2554	2	6,994,293	707,632,553	0.009884	35,570	27,005
NRG Dunkirk Power	New York	2554	3	11,645,614	707,632,553	0.016457	35,570	27,005
NRG Dunkirk Power	New York	2554	4	10,974,585	707,632,553	0.015509	35,570	27,005
Nassau Energy Corporation	New York	52056	00004	4,319,017	707,632,553	0.006103	35,570	27,005
Niagara Generation, LLC	New York	50202	1	3,769,818	707,632,553	0.005327	35,570	27,005
Nissequogue Cogen	New York	54149	1	3,361,331	707,632,553	0.004750	35,570	27,005
North 1st	New York	7915	NO1	947,054	707,632,553	0.001338	35,570	27,005
Northport	New York	2516	1	16,262,784	707,632,553	0.022982	35,570	27,005
Northport	New York	2516	2	14,202,690	707,632,553	0.020071	35,570	27,005
Northport	New York	2516	3	14,300,535	707,632,553	0.020209	35,570	27,005
Northport	New York	2516	4	13,673,387	707,632,553	0.019323	35,570	27,005
Oswego Harbor Power	New York	2594	5	1,095,204	707,632,553	0.001548	35,570	27,005
Oswego Harbor Power	New York	2594	6	831,382	707,632,553	0.001175	35,570	27,005
Pinelawn Power	New York	56188	00001	2,815,207	707,632,553	0.003978	35,570	27,005
Poletti 500 MW CC	New York	56196	CTG7A	11,517,465	707,632,553	0.016276	35,570	27,005
Poletti 500 MW CC	New York	56196	CTG7B	11,555,115	707,632,553	0.016329	35,570	27,005
Port Jefferson Energy Center	New York	2517	3	6,100,063	707,632,553	0.008620	35,570	27,005
Port Jefferson Energy Center	New York	2517	4	5,970,126	707,632,553	0.008437	35,570	27,005
Port Jefferson Energy Center	New York	2517	UGT002	568,958	707,632,553	0.000804	35,570	27,005
Port Jefferson Energy Center	New York	2517	UGT003	581,117	707,632,553	0.000821	35,570	27,005
Pouch Terminal	New York	8053	PT01	1,195,835	707,632,553	0.001690	35,570	27,005

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
KIAC Cogeneration	New York	54114	GT2	21,288	21,288	120	91	72	72
Lockport	New York	54041	011854	21,288	21,288	60	46	36	36
Lockport	New York	54041	011855	21,288	21,288	68	52	41	41
Lockport	New York	54041	011856	21,288	21,288	77	58	46	46
Massena Energy Facility	New York	54592	001	21,288	21,288	3	3	2	2
NRG Dunkirk Power	New York	2554	1	21,288	21,288	332	252	199	199
NRG Dunkirk Power	New York	2554	2	21,288	21,288	352	267	210	210
NRG Dunkirk Power	New York	2554	3	21,288	21,288	585	444	350	350
NRG Dunkirk Power	New York	2554	4	21,288	21,288	552	419	330	330
Nassau Energy Corporation	New York	52056	00004	21,288	21,288	217	165	130	130
Niagara Generation, LLC	New York	50202	1	21,288	21,288	189	144	113	113
Nissequogue Cogen	New York	54149	1	21,288	21,288	169	128	101	101
North 1st	New York	7915	NO1	21,288	21,288	48	36	28	28
Northport	New York	2516	1	21,288	21,288	817	621	489	489
Northport	New York	2516	2	21,288	21,288	714	542	427	427
Northport	New York	2516	3	21,288	21,288	719	546	430	430
Northport	New York	2516	4	21,288	21,288	687	522	411	411
Oswego Harbor Power	New York	2594	5	21,288	21,288	55	42	33	33
Oswego Harbor Power	New York	2594	6	21,288	21,288	42	32	25	25
Pinelawn Power	New York	56188	00001	21,288	21,288	142	107	85	85
Poletti 500 MW CC	New York	56196	CTG7A	21,288	21,288	579	440	346	346
Poletti 500 MW CC	New York	56196	CTG7B	21,288	21,288	581	441	348	348
Port Jefferson Energy Center	New York	2517	3	21,288	21,288	307	233	184	184
Port Jefferson Energy Center	New York	2517	4	21,288	21,288	300	228	180	180
Port Jefferson Energy Center	New York	2517	UGT002	21,288	21,288	29	22	17	17
Port Jefferson Energy Center	New York	2517	UGT003	21,288	21,288	29	22	17	17
Pouch Terminal	New York	8053	PT01	21,288	21,288	60	46	36	36

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
KIAC Cogeneration	New York	54114	GT2					
Lockport	New York	54041	011854					
Lockport	New York	54041	011855					
Lockport	New York	54041	011856					
Massena Energy Facility	New York	54592	001	0	0	0	0	0
NRG Dunkirk Power	New York	2554	1	9,355	5,732	4,554	2,119	1,819
NRG Dunkirk Power	New York	2554	2	8,976	5,881	4,847	1,916	1,869
NRG Dunkirk Power	New York	2554	3	15,591	10,266	5,627	3,050	3,418
NRG Dunkirk Power	New York	2554	4	14,346	8,745	4,769	2,986	2,824
Nassau Energy Corporation	New York	52056	00004					
Niagara Generation, LLC	New York	50202	1	902	978	980	1,092	544
Nissequogue Cogen	New York	54149	1					
North 1st	New York	7915	NO1	0	0	0	0	0
Northport	New York	2516	1	8,893	7,768	2,808	1,501	2,727
Northport	New York	2516	2	9,486	8,221	7,039	2,204	2,566
Northport	New York	2516	3	9,145	6,333	5,830	3,987	2,957
Northport	New York	2516	4	5,439	5,777	6,163	1,392	1,672
Oswego Harbor Power	New York	2594	5	1,088	1,834	3,822	402	1,125
Oswego Harbor Power	New York	2594	6	812	444	1,703	272	349
Pinelawn Power	New York	56188	00001			0	1	2
Poletti 500 MW CC	New York	56196	CTG7A				4	4
Poletti 500 MW CC	New York	56196	CTG7B				3	5
Port Jefferson Energy Center	New York	2517	3	3,487	3,901	2,310	1,071	921
Port Jefferson Energy Center	New York	2517	4	3,144	5,128	2,880	918	1,006
Port Jefferson Energy Center	New York	2517	UGT002	1	0	0	0	1
Port Jefferson Energy Center	New York	2517	UGT003	1	1	1	0	0
Pouch Terminal	New York	8053	PT01	0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
KIAC Cogeneration	New York	54114	GT2		1	1	1		
Lockport	New York	54041	011854	0	0	0	0		
Lockport	New York	54041	011855	0	0	0	0		
Lockport	New York	54041	011856	0	0	0	0		
Massena Energy Facility	New York	54592	001	0	0	0	0		
NRG Dunkirk Power	New York	2554	1	2,017	1,437	1,147	9,355		
NRG Dunkirk Power	New York	2554	2	2,006	1,392	1,195	8,976		
NRG Dunkirk Power	New York	2554	3	3,316	2,855	2,750	15,591		
NRG Dunkirk Power	New York	2554	4	3,301	2,595	2,288	14,346		
Nassau Energy Corporation	New York	52056	00004		8	2	8		
Niagara Generation, LLC	New York	50202	1	926	452	160	1,092		
Nissequogue Cogen	New York	54149	1		11	1	11		
North 1st	New York	7915	NO1	0	0	0	0		
Northport	New York	2516	1	500	289	612	8,893		
Northport	New York	2516	2	1,940	893	576	9,486		
Northport	New York	2516	3	1,828	806	184	9,145		
Northport	New York	2516	4	1,630	968	454	6,163		
Oswego Harbor Power	New York	2594	5	342	193	226	3,822		
Oswego Harbor Power	New York	2594	6	177	188	135	1,703		
Pinelawn Power	New York	56188	00001	1	1	1	2		
Poletti 500 MW CC	New York	56196	CTG7A	3	4	4	4		
Poletti 500 MW CC	New York	56196	CTG7B	3	4	4	5		
Port Jefferson Energy Center	New York	2517	3	591	320	123	3,901		
Port Jefferson Energy Center	New York	2517	4	246	343	159	5,128		
Port Jefferson Energy Center	New York	2517	UGT002	0	0	0	1		
Port Jefferson Energy Center	New York	2517	UGT003	0	0	0	1		
Pouch Terminal	New York	8053	PT01	0	0	0	0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
KIAC Cogeneration	New York	54114	GT2					46	38
Lockport	New York	54041	011854					266	248
Lockport	New York	54041	011855					237	256
Lockport	New York	54041	011856					249	266
Massena Energy Facility	New York	54592	001					2	2
NRG Dunkirk Power	New York	2554	1					1,081	739
NRG Dunkirk Power	New York	2554	2					1,009	714
NRG Dunkirk Power	New York	2554	3					1,823	1,427
NRG Dunkirk Power	New York	2554	4					1,695	1,214
Nassau Energy Corporation	New York	52056	00004					232	229
Niagara Generation, LLC	New York	50202	1					258	258
Nissequogue Cogen	New York	54149	1					158	150
North 1st	New York	7915	NO1					5	5
Northport	New York	2516	1					2,031	1,658
Northport	New York	2516	2					2,082	1,571
Northport	New York	2516	3					1,761	1,352
Northport	New York	2516	4					1,646	1,710
Oswego Harbor Power	New York	2594	5					224	360
Oswego Harbor Power	New York	2594	6					259	124
Pinelawn Power	New York	56188	00001						
Poletti 500 MW CC	New York	56196	CTG7A						
Poletti 500 MW CC	New York	56196	CTG7B						
Port Jefferson Energy Center	New York	2517	3					624	686
Port Jefferson Energy Center	New York	2517	4					637	983
Port Jefferson Energy Center	New York	2517	UGT002					4	4
Port Jefferson Energy Center	New York	2517	UGT003					4	4
Pouch Terminal	New York	8053	PT01					2	4

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
KIAC Cogeneration	New York	54114	GT2	56	27	30	26	21
Lockport	New York	54041	011854	172	76	126	5	4
Lockport	New York	54041	011855	192	130	98	3	4
Lockport	New York	54041	011856	236	149	125	5	5
Massena Energy Facility	New York	54592	001	5	0	3	1	0
NRG Dunkirk Power	New York	2554	1	631	493	497	560	401
NRG Dunkirk Power	New York	2554	2	675	589	534	571	380
NRG Dunkirk Power	New York	2554	3	1,036	886	1,018	1,006	789
NRG Dunkirk Power	New York	2554	4	976	864	831	999	701
Nassau Energy Corporation	New York	52056	00004	277	252	292	276	249
Niagara Generation, LLC	New York	50202	1	387	561	235	335	136
Nissequogue Cogen	New York	54149	1	144	136	125	131	124
North 1st	New York	7915	NO1	5	4	5	4	1
Northport	New York	2516	1	1,007	1,044	1,632	729	476
Northport	New York	2516	2	2,090	1,276	949	845	459
Northport	New York	2516	3	1,858	1,474	941	801	489
Northport	New York	2516	4	1,720	819	928	774	621
Oswego Harbor Power	New York	2594	5	732	80	213	56	35
Oswego Harbor Power	New York	2594	6	471	74	103	49	53
Pinelawn Power	New York	56188	00001	5	11	10	10	7
Poletti 500 MW CC	New York	56196	CTG7A		57	45	38	35
Poletti 500 MW CC	New York	56196	CTG7B		40	44	40	43
Port Jefferson Energy Center	New York	2517	3	594	387	312	259	156
Port Jefferson Energy Center	New York	2517	4	873	366	384	164	143
Port Jefferson Energy Center	New York	2517	UGT002	4	5	4	3	2
Port Jefferson Energy Center	New York	2517	UGT003	4	4	4	2	2
Pouch Terminal	New York	8053	PT01	3	3	7	6	3

Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
					Highest value of columns AK - AR				
Calculation									
KIAC Cogeneration	New York	54114	GT2	27	56				
Lockport	New York	54041	011854	12	266				
Lockport	New York	54041	011855	11	256				
Lockport	New York	54041	011856	9	266				
Massena Energy Facility	New York	54592	001	1	5				
NRG Dunkirk Power	New York	2554	1	331	1,081				
NRG Dunkirk Power	New York	2554	2	359	1,009				
NRG Dunkirk Power	New York	2554	3	885	1,823				
NRG Dunkirk Power	New York	2554	4	767	1,695				
Nassau Energy Corporation	New York	52056	00004	307	307				
Niagara Generation, LLC	New York	50202	1	44	561				
Nissequogue Cogen	New York	54149	1	142	158				
North 1st	New York	7915	NO1	3	5				
Northport	New York	2516	1	825	2,031				
Northport	New York	2516	2	533	2,090				
Northport	New York	2516	3	519	1,858				
Northport	New York	2516	4	467	1,720				
Oswego Harbor Power	New York	2594	5	49	732				
Oswego Harbor Power	New York	2594	6	40	471				
Pinelawn Power	New York	56188	00001	6	11				
Poletti 500 MW CC	New York	56196	CTG7A	37	57				
Poletti 500 MW CC	New York	56196	CTG7B	39	44				
Port Jefferson Energy Center	New York	2517	3	139	686				
Port Jefferson Energy Center	New York	2517	4	98	983				
Port Jefferson Energy Center	New York	2517	UGT002	3	5				
Port Jefferson Energy Center	New York	2517	UGT003	3	4				
Pouch Terminal	New York	8053	PT01	4	7				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
KIAC Cogeneration	New York	54114	GT2			1	1
Lockport	New York	54041	011854			0	0
Lockport	New York	54041	011855			0	0
Lockport	New York	54041	011856			0	0
Massena Energy Facility	New York	54592	001			0	0
NRG Dunkirk Power	New York	2554	1			678	678
NRG Dunkirk Power	New York	2554	2			718	718
NRG Dunkirk Power	New York	2554	3			1,195	1,195
NRG Dunkirk Power	New York	2554	4			1,126	1,126
Nassau Energy Corporation	New York	52056	00004			8	8
Niagara Generation, LLC	New York	50202	1			387	387
Nissequogue Cogen	New York	54149	1			11	11
North 1st	New York	7915	NO1			0	0
Northport	New York	2516	1			1,669	1,669
Northport	New York	2516	2			1,457	1,457
Northport	New York	2516	3			1,467	1,467
Northport	New York	2516	4			1,403	1,403
Oswego Harbor Power	New York	2594	5			112	112
Oswego Harbor Power	New York	2594	6			85	85
Pinelawn Power	New York	56188	00001			2	2
Poletti 500 MW CC	New York	56196	CTG7A			4	4
Poletti 500 MW CC	New York	56196	CTG7B			5	5
Port Jefferson Energy Center	New York	2517	3			626	626
Port Jefferson Energy Center	New York	2517	4			613	613
Port Jefferson Energy Center	New York	2517	UGT002			1	1
Port Jefferson Energy Center	New York	2517	UGT003			1	1
Pouch Terminal	New York	8053	PT01			0	0

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
KIAC Cogeneration	New York	54114	GT2	1	1	1	1
Lockport	New York	54041	011854	0	0	0	0
Lockport	New York	54041	011855	0	0	0	0
Lockport	New York	54041	011856	0	0	0	0
Massena Energy Facility	New York	54592	001	0	0	0	0
NRG Dunkirk Power	New York	2554	1	494	494	494	494
NRG Dunkirk Power	New York	2554	2	523	523	523	523
NRG Dunkirk Power	New York	2554	3	871	871	871	871
NRG Dunkirk Power	New York	2554	4	821	821	821	821
Nassau Energy Corporation	New York	52056	00004	8	8	8	8
Niagara Generation, LLC	New York	50202	1	282	282	282	282
Nissequogue Cogen	New York	54149	1	11	11	11	11
North 1st	New York	7915	NO1	0	0	0	0
Northport	New York	2516	1	1,217	1,217	1,217	1,217
Northport	New York	2516	2	1,063	1,063	1,063	1,063
Northport	New York	2516	3	1,070	1,070	1,070	1,070
Northport	New York	2516	4	1,023	1,023	1,023	1,023
Oswego Harbor Power	New York	2594	5	82	82	82	82
Oswego Harbor Power	New York	2594	6	62	62	62	62
Pinelawn Power	New York	56188	00001	2	2	2	2
Poletti 500 MW CC	New York	56196	CTG7A	4	4	4	4
Poletti 500 MW CC	New York	56196	CTG7B	5	5	5	5
Port Jefferson Energy Center	New York	2517	3	456	456	456	456
Port Jefferson Energy Center	New York	2517	4	447	447	447	447
Port Jefferson Energy Center	New York	2517	UGT002	1	1	1	1
Port Jefferson Energy Center	New York	2517	UGT003	1	1	1	1
Pouch Terminal	New York	8053	PT01	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
KIAC Cogeneration	New York	54114	GT2	56	56	56	56
Lockport	New York	54041	011854	53	53	53	53
Lockport	New York	54041	011855	60	60	60	60
Lockport	New York	54041	011856	68	68	68	68
Massena Energy Facility	New York	54592	001	3	3	3	3
NRG Dunkirk Power	New York	2554	1	292	292	292	292
NRG Dunkirk Power	New York	2554	2	310	310	310	310
NRG Dunkirk Power	New York	2554	3	516	516	516	516
NRG Dunkirk Power	New York	2554	4	486	486	486	486
Nassau Energy Corporation	New York	52056	00004	191	191	191	191
Niagara Generation, LLC	New York	50202	1	167	167	167	167
Nissequogue Cogen	New York	54149	1	149	149	149	149
North 1st	New York	7915	NO1	5	5	5	5
Northport	New York	2516	1	720	720	720	720
Northport	New York	2516	2	629	629	629	629
Northport	New York	2516	3	633	633	633	633
Northport	New York	2516	4	605	605	605	605
Oswego Harbor Power	New York	2594	5	48	48	48	48
Oswego Harbor Power	New York	2594	6	37	37	37	37
Pinelawn Power	New York	56188	00001	11	11	11	11
Poletti 500 MW CC	New York	56196	CTG7A	57	57	57	57
Poletti 500 MW CC	New York	56196	CTG7B	44	44	44	44
Port Jefferson Energy Center	New York	2517	3	270	270	270	270
Port Jefferson Energy Center	New York	2517	4	264	264	264	264
Port Jefferson Energy Center	New York	2517	UGT002	5	5	5	5
Port Jefferson Energy Center	New York	2517	UGT003	4	4	4	4
Pouch Terminal	New York	8053	PT01	7	7	7	7

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
KIAC Cogeneration	New York	54114	GT2	56	56	833,823	1,115,986	904,342
Lockport	New York	54041	011854	53	53	959,425	1,045,075	23,365
Lockport	New York	54041	011855	60	60	895,119	1,026,721	15,737
Lockport	New York	54041	011856	68	68	875,243	1,044,640	30,193
Massena Energy Facility	New York	54592	001	3	3	4,015	28,044	25,300
NRG Dunkirk Power	New York	2554	1	292	292	2,138,603	2,807,258	3,311,552
NRG Dunkirk Power	New York	2554	2	310	310	3,493,201	2,890,399	2,981,131
NRG Dunkirk Power	New York	2554	3	516	516	4,784,126	4,656,991	5,097,522
NRG Dunkirk Power	New York	2554	4	486	486	4,883,297	4,758,116	5,392,027
Nassau Energy Corporation	New York	52056	00004	191	191	1,842,310	1,904,311	1,755,876
Niagara Generation, LLC	New York	50202	1	167	167	1,906,139	649,607	1,827,608
Nissequogue Cogen	New York	54149	1	149	149	1,372,604	1,205,733	1,282,536
North 1st	New York	7915	NO1	5	5	575,973	658,607	493,761
Northport	New York	2516	1	720	720	7,765,082	7,308,301	6,522,077
Northport	New York	2516	2	629	629	9,197,423	5,914,985	5,380,575
Northport	New York	2516	3	633	633	4,504,043	5,046,341	5,146,922
Northport	New York	2516	4	605	605	7,509,250	8,110,290	4,289,356
Oswego Harbor Power	New York	2594	5	48	48	635,830	237,420	341,832
Oswego Harbor Power	New York	2594	6	37	37	449,079	203,832	304,311
Pinelawn Power	New York	56188	00001	11	11	1,989,442	1,093,508	1,309,670
Poletti 500 MW CC	New York	56196	CTG7A	57	57	4,964,472	5,468,835	2,997,959
Poletti 500 MW CC	New York	56196	CTG7B	44	44	5,224,129	5,470,967	2,854,521
Port Jefferson Energy Center	New York	2517	3	270	270	3,013,187	2,238,290	2,561,403
Port Jefferson Energy Center	New York	2517	4	264	264	3,769,576	3,636,828	2,152,330
Port Jefferson Energy Center	New York	2517	UGT002	5	5	400,734	332,637	407,550
Port Jefferson Energy Center	New York	2517	UGT003	4	4	410,558	416,990	341,481
Pouch Terminal	New York	8053	PT01	7	7	516,094	821,219	722,637

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
KIAC Cogeneration	New York	54114	GT2	1,125,149	1,289,460	1,176,865	338,914,478	0.003472
Lockport	New York	54041	011854	21,113	134,297	712,932	338,914,478	0.002104
Lockport	New York	54041	011855	9,130	135,232	685,691	338,914,478	0.002023
Lockport	New York	54041	011856	17,647	141,842	687,242	338,914,478	0.002028
Massena Energy Facility	New York	54592	001	4,271	48,597	33,980	338,914,478	0.000100
NRG Dunkirk Power	New York	2554	1	2,001,114	1,996,922	2,752,471	338,914,478	0.008121
NRG Dunkirk Power	New York	2554	2	2,061,342	2,062,807	3,121,577	338,914,478	0.009211
NRG Dunkirk Power	New York	2554	3	3,024,368	5,078,862	4,986,837	338,914,478	0.014714
NRG Dunkirk Power	New York	2554	4	3,190,362	4,490,814	5,011,147	338,914,478	0.014786
Nassau Energy Corporation	New York	52056	00004	1,835,997	1,900,553	1,882,391	338,914,478	0.005554
Niagara Generation, LLC	New York	50202	1	821,600		1,518,449	338,914,478	0.004480
Nissequogue Cogen	New York	54149	1	1,165,555	1,515,251	1,390,130	338,914,478	0.004102
North 1st	New York	7915	NO1	55,730	421,364	576,114	338,914,478	0.001700
Northport	New York	2516	1	3,214,824	4,904,435	7,198,487	338,914,478	0.021240
Northport	New York	2516	2	3,193,152	5,352,379	6,830,994	338,914,478	0.020156
Northport	New York	2516	3	4,179,238	9,086,484	6,426,582	338,914,478	0.018962
Northport	New York	2516	4	5,716,072	6,303,878	7,307,806	338,914,478	0.021562
Oswego Harbor Power	New York	2594	5	270,384	223,804	416,016	338,914,478	0.001227
Oswego Harbor Power	New York	2594	6	120,420	223,233	325,541	338,914,478	0.000961
Pinelawn Power	New York	56188	00001	796,132	979,074	1,464,207	338,914,478	0.004320
Poletti 500 MW CC	New York	56196	CTG7A	5,376,124	4,755,608	5,269,810	338,914,478	0.015549
Poletti 500 MW CC	New York	56196	CTG7B	4,827,106	5,089,922	5,261,673	338,914,478	0.015525
Port Jefferson Energy Center	New York	2517	3	1,884,572	2,952,949	2,842,513	338,914,478	0.008387
Port Jefferson Energy Center	New York	2517	4	796,277	2,134,004	3,186,245	338,914,478	0.009401
Port Jefferson Energy Center	New York	2517	UGT002	209,343	426,694	411,659	338,914,478	0.001215
Port Jefferson Energy Center	New York	2517	UGT003	222,308	393,934	407,161	338,914,478	0.001201
Pouch Terminal	New York	8053	PT01	260,860	568,772	704,209	338,914,478	0.002078

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
KIAC Cogeneration	New York	54114	GT2	10,162	10,162	35	35	19	20
Lockport	New York	54041	011854	10,162	10,162	21	21	108	112
Lockport	New York	54041	011855	10,162	10,162	21	21	107	97
Lockport	New York	54041	011856	10,162	10,162	21	21	110	93
Massena Energy Facility	New York	54592	001	10,162	10,162	1	1	2	1
NRG Dunkirk Power	New York	2554	1	10,162	10,162	83	83	389	280
NRG Dunkirk Power	New York	2554	2	10,162	10,162	94	94	352	244
NRG Dunkirk Power	New York	2554	3	10,162	10,162	150	150	644	543
NRG Dunkirk Power	New York	2554	4	10,162	10,162	150	150	579	564
Nassau Energy Corporation	New York	52056	00004	10,162	10,162	56	56	80	87
Niagara Generation, LLC	New York	50202	1	10,162	10,162	46	46	87	118
Nissequogue Cogen	New York	54149	1	10,162	10,162	42	42	64	61
North 1st	New York	7915	NO1	10,162	10,162	17	17	2	2
Northport	New York	2516	1	10,162	10,162	216	216	644	569
Northport	New York	2516	2	10,162	10,162	205	205	913	647
Northport	New York	2516	3	10,162	10,162	193	193	759	601
Northport	New York	2516	4	10,162	10,162	219	219	788	721
Oswego Harbor Power	New York	2594	5	10,162	10,162	12	12	92	25
Oswego Harbor Power	New York	2594	6	10,162	10,162	10	10	32	23
Pinelawn Power	New York	56188	00001	10,162	10,162	44	44		
Poletti 500 MW CC	New York	56196	CTG7A	10,162	10,162	158	158		
Poletti 500 MW CC	New York	56196	CTG7B	10,162	10,162	158	158		
Port Jefferson Energy Center	New York	2517	3	10,162	10,162	85	85	256	331
Port Jefferson Energy Center	New York	2517	4	10,162	10,162	96	96	272	393
Port Jefferson Energy Center	New York	2517	UGT002	10,162	10,162	12	12	2	2
Port Jefferson Energy Center	New York	2517	UGT003	10,162	10,162	12	12	2	2
Pouch Terminal	New York	8053	PT01	10,162	10,162	21	21	1	3

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
KIAC Cogeneration	New York	54114	GT2	25	10	14	10	11	13
Lockport	New York	54041	011854	79	53	53	2	2	8
Lockport	New York	54041	011855	68	52	47	1	2	7
Lockport	New York	54041	011856	87	45	50	3	3	7
Massena Energy Facility	New York	54592	001	4	0	1	0	0	1
NRG Dunkirk Power	New York	2554	1	271	161	211	259	166	144
NRG Dunkirk Power	New York	2554	2	310	293	221	240	166	157
NRG Dunkirk Power	New York	2554	3	360	392	386	433	260	417
NRG Dunkirk Power	New York	2554	4	423	395	383	455	272	371
Nassau Energy Corporation	New York	52056	00004	110	110	118	113	116	124
Niagara Generation, LLC	New York	50202	1	143	180	56	140	40	
Nissequogue Cogen	New York	54149	1	64	55	47	53	47	61
North 1st	New York	7915	NO1	3	3	3	2	0	2
Northport	New York	2516	1	579	542	452	365	177	285
Northport	New York	2516	2	714	515	406	352	139	276
Northport	New York	2516	3	965	375	390	340	231	317
Northport	New York	2516	4	667	393	469	257	232	324
Oswego Harbor Power	New York	2594	5	490	64	23	31	28	25
Oswego Harbor Power	New York	2594	6	244	35	18	25	12	21
Pinelawn Power	New York	56188	00001	3	6	4	5	3	3
Poletti 500 MW CC	New York	56196	CTG7A		16	17	9	14	15
Poletti 500 MW CC	New York	56196	CTG7B		15	18	13	16	17
Port Jefferson Energy Center	New York	2517	3	249	121	118	95	65	116
Port Jefferson Energy Center	New York	2517	4	353	162	146	84	34	90
Port Jefferson Energy Center	New York	2517	UGT002	2	3	2	2	1	2
Port Jefferson Energy Center	New York	2517	UGT003	3	2	3	2	1	2
Pouch Terminal	New York	8053	PT01	2	2	4	3	1	3

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
KIAC Cogeneration	New York	54114	GT2	25					
Lockport	New York	54041	011854	112					
Lockport	New York	54041	011855	107					
Lockport	New York	54041	011856	110					
Massena Energy Facility	New York	54592	001	4					
NRG Dunkirk Power	New York	2554	1	389					
NRG Dunkirk Power	New York	2554	2	352					
NRG Dunkirk Power	New York	2554	3	644					
NRG Dunkirk Power	New York	2554	4	579					
Nassau Energy Corporation	New York	52056	00004	124					
Niagara Generation, LLC	New York	50202	1	180					
Nissequogue Cogen	New York	54149	1	64					
North 1st	New York	7915	NO1	3					
Northport	New York	2516	1	644					
Northport	New York	2516	2	913					
Northport	New York	2516	3	965					
Northport	New York	2516	4	788					
Oswego Harbor Power	New York	2594	5	490					
Oswego Harbor Power	New York	2594	6	244					
Pinelawn Power	New York	56188	00001	6					
Poletti 500 MW CC	New York	56196	CTG7A	17					
Poletti 500 MW CC	New York	56196	CTG7B	18					
Port Jefferson Energy Center	New York	2517	3	331					
Port Jefferson Energy Center	New York	2517	4	393					
Port Jefferson Energy Center	New York	2517	UGT002	3					
Port Jefferson Energy Center	New York	2517	UGT003	3					
Pouch Terminal	New York	8053	PT01	4					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
KIAC Cogeneration	New York	54114	GT2			25	25
Lockport	New York	54041	011854			31	31
Lockport	New York	54041	011855			29	29
Lockport	New York	54041	011856			29	29
Massena Energy Facility	New York	54592	001			1	1
NRG Dunkirk Power	New York	2554	1			118	118
NRG Dunkirk Power	New York	2554	2			134	134
NRG Dunkirk Power	New York	2554	3			214	214
NRG Dunkirk Power	New York	2554	4			215	215
Nassau Energy Corporation	New York	52056	00004			81	81
Niagara Generation, LLC	New York	50202	1			65	65
Nissequogue Cogen	New York	54149	1			60	60
North 1st	New York	7915	NO1			3	3
Northport	New York	2516	1			309	309
Northport	New York	2516	2			293	293
Northport	New York	2516	3			276	276
Northport	New York	2516	4			314	314
Oswego Harbor Power	New York	2594	5			18	18
Oswego Harbor Power	New York	2594	6			14	14
Pinelawn Power	New York	56188	00001			6	6
Poletti 500 MW CC	New York	56196	CTG7A			17	17
Poletti 500 MW CC	New York	56196	CTG7B			18	18
Port Jefferson Energy Center	New York	2517	3			122	122
Port Jefferson Energy Center	New York	2517	4			137	137
Port Jefferson Energy Center	New York	2517	UGT002			3	3
Port Jefferson Energy Center	New York	2517	UGT003			3	3
Pouch Terminal	New York	8053	PT01			4	4

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
KIAC Cogeneration	New York	54114	GT2	25	25	25	25
Lockport	New York	54041	011854	31	31	31	31
Lockport	New York	54041	011855	29	29	29	29
Lockport	New York	54041	011856	29	29	29	29
Massena Energy Facility	New York	54592	001	1	1	1	1
NRG Dunkirk Power	New York	2554	1	118	118	118	118
NRG Dunkirk Power	New York	2554	2	134	134	134	134
NRG Dunkirk Power	New York	2554	3	214	214	214	214
NRG Dunkirk Power	New York	2554	4	215	215	215	215
Nassau Energy Corporation	New York	52056	00004	81	81	81	81
Niagara Generation, LLC	New York	50202	1	65	65	65	65
Nissequogue Cogen	New York	54149	1	60	60	60	60
North 1st	New York	7915	NO1	3	3	3	3
Northport	New York	2516	1	309	309	309	309
Northport	New York	2516	2	293	293	293	293
Northport	New York	2516	3	276	276	276	276
Northport	New York	2516	4	314	314	314	314
Oswego Harbor Power	New York	2594	5	18	18	18	18
Oswego Harbor Power	New York	2594	6	14	14	14	14
Pinelawn Power	New York	56188	00001	6	6	6	6
Poletti 500 MW CC	New York	56196	CTG7A	17	17	17	17
Poletti 500 MW CC	New York	56196	CTG7B	18	18	18	18
Port Jefferson Energy Center	New York	2517	3	122	122	122	122
Port Jefferson Energy Center	New York	2517	4	137	137	137	137
Port Jefferson Energy Center	New York	2517	UGT002	3	3	3	3
Port Jefferson Energy Center	New York	2517	UGT003	3	3	3	3
Pouch Terminal	New York	8053	PT01	4	4	4	4

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
KIAC Cogeneration	New York	54114	GT2	Y	Y		Y		
Lockport	New York	54041	011854	Y	Y		Y		
Lockport	New York	54041	011855	Y	Y		Y		
Lockport	New York	54041	011856	Y	Y		Y		
Massena Energy Facility	New York	54592	001	Y	Y		Y		
NRG Dunkirk Power	New York	2554	1	Y	Y		Y		
NRG Dunkirk Power	New York	2554	2	Y	Y		Y		
NRG Dunkirk Power	New York	2554	3	Y	Y		Y		
NRG Dunkirk Power	New York	2554	4	Y	Y		Y		
Nassau Energy Corporation	New York	52056	00004	Y	Y		Y		
Niagara Generation, LLC	New York	50202	1	Y	Y		Y		
Nissequogue Cogen	New York	54149	1	Y	Y		Y		
North 1st	New York	7915	NO1	Y	Y		Y		
Northport	New York	2516	1	Y	Y		Y		
Northport	New York	2516	2	Y	Y		Y		
Northport	New York	2516	3	Y	Y		Y		
Northport	New York	2516	4	Y	Y		Y		
Oswego Harbor Power	New York	2594	5	Y	Y		Y		
Oswego Harbor Power	New York	2594	6	Y	Y		Y		
Pinelawn Power	New York	56188	00001	Y	Y		Y		
Poletti 500 MW CC	New York	56196	CTG7A	Y	Y		Y		
Poletti 500 MW CC	New York	56196	CTG7B	Y	Y		Y		
Port Jefferson Energy Center	New York	2517	3	Y	Y		Y		
Port Jefferson Energy Center	New York	2517	4	Y	Y		Y		
Port Jefferson Energy Center	New York	2517	UGT002	Y	Y		Y		
Port Jefferson Energy Center	New York	2517	UGT003	Y	Y		Y		
Pouch Terminal	New York	8053	PT01	Y	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Project Orange Facility	New York	54425	001	3770	867,125	649,638	1,208,480	1,553,512	555,198
Project Orange Facility	New York	54425	002	3771	2,025,176	1,910,462	1,452,776	29,353	808,064
Ravenswood Generating Station	New York	2500	10	1675	7,676,971	11,003,112	6,885,999	7,038,325	6,911,991
Ravenswood Generating Station	New York	2500	20	1676	6,613,721	6,292,455	6,810,273	2,497,671	5,747,330
Ravenswood Generating Station	New York	2500	30	1677	17,391,292	18,484,441	9,296,620	10,133,140	12,966,191
Ravenswood Generating Station	New York	2500	CT02-1	1691	51,860	47,743	51,781	20,283	56,784
Ravenswood Generating Station	New York	2500	CT02-2	1692	23,098	51,088	37,846	15,806	30,716
Ravenswood Generating Station	New York	2500	CT02-3	1693	31,504	31,147	37,855	15,266	48,395
Ravenswood Generating Station	New York	2500	CT02-4	1694	35,997	35,802	31,267	12,923	44,777
Ravenswood Generating Station	New York	2500	CT03-1	1695	63,633	74,192	49,114	18,038	59,059
Ravenswood Generating Station	New York	2500	CT03-2	1696	43,813	63,604	39,016	19,459	46,847
Ravenswood Generating Station	New York	2500	CT03-3	1697	55,492	42,309	11,718	10,063	46,590
Ravenswood Generating Station	New York	2500	CT03-4	1698	32,424	41,828	26,402	19,967	46,564
Ravenswood Generating Station	New York	2500	UCC001	89141	12,637,624	9,679,936	12,376,155	11,035,707	9,037,730
Rensselaer Cogen	New York	54034	1GTDBS	3742	67,807	156,952	44,842	18,691	246,821
Richard M Flynn (Holtsville)	New York	7314	001	3092	9,570,522	6,581,150	9,852,937	9,826,416	7,645,852
S A Carlson	New York	2682	10	1811	205,094	226,942	360,727	343,393	274,055
S A Carlson	New York	2682	11	1812	3	3	13		
S A Carlson	New York	2682	12	1813	1,255,960	1,384,081	1,150,982	657,507	450,660
S A Carlson	New York	2682	20	1814	136,769	162,100	59,500	71,700	175,552
S A Carlson	New York	2682	9	1815	838,203	1,126,685	1,053,392	413,020	305,801
Saranac Power Partners, LP	New York	54574	00001	3780	8,708,584	8,463,130	8,863,972	5,112,092	2,321,512
Saranac Power Partners, LP	New York	54574	00002	3781	8,315,019	8,443,331	8,532,870	4,896,357	1,291,783
Selkirk Cogen Partners	New York	10725	CTG101	3577	5,846,375	5,485,424	5,434,578	4,352,246	5,234,753
Selkirk Cogen Partners	New York	10725	CTG201	3578	5,956,363	5,982,639	6,632,081	5,759,618	4,958,991
Selkirk Cogen Partners	New York	10725	CTG301	3579	5,728,679	5,367,932	5,958,784	5,438,998	4,714,866
Shoemaker	New York	2632	1	1799	111,324	22,781	5,506	2,572	17,996

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Project Orange Facility	New York	54425	001	1,209,706	707,632,553	0.001710	35,570	27,005
Project Orange Facility	New York	54425	002	1,796,138	707,632,553	0.002538	35,570	27,005
Ravenswood Generating Station	New York	2500	10	8,572,803	707,632,553	0.012115	35,570	27,005
Ravenswood Generating Station	New York	2500	20	6,572,149	707,632,553	0.009288	35,570	27,005
Ravenswood Generating Station	New York	2500	30	16,280,641	707,632,553	0.023007	35,570	27,005
Ravenswood Generating Station	New York	2500	CT02-1	53,475	707,632,553	0.000076	35,570	27,005
Ravenswood Generating Station	New York	2500	CT02-2	39,883	707,632,553	0.000056	35,570	27,005
Ravenswood Generating Station	New York	2500	CT02-3	39,251	707,632,553	0.000055	35,570	27,005
Ravenswood Generating Station	New York	2500	CT02-4	38,859	707,632,553	0.000055	35,570	27,005
Ravenswood Generating Station	New York	2500	CT03-1	65,628	707,632,553	0.000093	35,570	27,005
Ravenswood Generating Station	New York	2500	CT03-2	51,421	707,632,553	0.000073	35,570	27,005
Ravenswood Generating Station	New York	2500	CT03-3	48,131	707,632,553	0.000068	35,570	27,005
Ravenswood Generating Station	New York	2500	CT03-4	40,272	707,632,553	0.000057	35,570	27,005
Ravenswood Generating Station	New York	2500	UCC001	12,016,496	707,632,553	0.016981	35,570	27,005
Rensselaer Cogen	New York	54034	1GTDBS	157,193	707,632,553	0.000222	35,570	27,005
Richard M Flynn (Holtsville)	New York	7314	001	9,749,958	707,632,553	0.013778	35,570	27,005
S A Carlson	New York	2682	10	326,058	707,632,553	0.000461	35,570	27,005
S A Carlson	New York	2682	11	6	707,632,553	0.000000	35,570	27,005
S A Carlson	New York	2682	12	1,263,675	707,632,553	0.001786	35,570	27,005
S A Carlson	New York	2682	20	158,141	707,632,553	0.000223	35,570	27,005
S A Carlson	New York	2682	9	1,006,093	707,632,553	0.001422	35,570	27,005
Saranac Power Partners, LP	New York	54574	00001	8,678,562	707,632,553	0.012264	35,570	27,005
Saranac Power Partners, LP	New York	54574	00002	8,430,407	707,632,553	0.011914	35,570	27,005
Selkirk Cogen Partners	New York	10725	CTG101	5,588,792	707,632,553	0.007898	35,570	27,005
Selkirk Cogen Partners	New York	10725	CTG201	6,190,361	707,632,553	0.008748	35,570	27,005
Selkirk Cogen Partners	New York	10725	CTG301	5,708,820	707,632,553	0.008067	35,570	27,005
Shoemaker	New York	2632	1	50,700	707,632,553	0.000072	35,570	27,005

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Project Orange Facility	New York	54425	001	21,288	21,288	61	46	36	36
Project Orange Facility	New York	54425	002	21,288	21,288	90	69	54	54
Ravenswood Generating Station	New York	2500	10	21,288	21,288	431	327	258	258
Ravenswood Generating Station	New York	2500	20	21,288	21,288	330	251	198	198
Ravenswood Generating Station	New York	2500	30	21,288	21,288	818	621	490	490
Ravenswood Generating Station	New York	2500	CT02-1	21,288	21,288	3	2	2	2
Ravenswood Generating Station	New York	2500	CT02-2	21,288	21,288	2	2	1	1
Ravenswood Generating Station	New York	2500	CT02-3	21,288	21,288	2	1	1	1
Ravenswood Generating Station	New York	2500	CT02-4	21,288	21,288	2	1	1	1
Ravenswood Generating Station	New York	2500	CT03-1	21,288	21,288	3	3	2	2
Ravenswood Generating Station	New York	2500	CT03-2	21,288	21,288	3	2	2	2
Ravenswood Generating Station	New York	2500	CT03-3	21,288	21,288	2	2	1	1
Ravenswood Generating Station	New York	2500	CT03-4	21,288	21,288	2	2	1	1
Ravenswood Generating Station	New York	2500	UCC001	21,288	21,288	604	459	361	361
Rensselaer Cogen	New York	54034	1GTDBS	21,288	21,288	8	6	5	5
Richard M Flynn (Holtsville)	New York	7314	001	21,288	21,288	490	372	293	293
S A Carlson	New York	2682	10	21,288	21,288	16	12	10	10
S A Carlson	New York	2682	11	21,288	21,288	0	0	0	0
S A Carlson	New York	2682	12	21,288	21,288	64	48	38	38
S A Carlson	New York	2682	20	21,288	21,288	8	6	5	5
S A Carlson	New York	2682	9	21,288	21,288	51	38	30	30
Saranac Power Partners, LP	New York	54574	00001	21,288	21,288	436	331	261	261
Saranac Power Partners, LP	New York	54574	00002	21,288	21,288	424	322	254	254
Selkirk Cogen Partners	New York	10725	CTG101	21,288	21,288	281	213	168	168
Selkirk Cogen Partners	New York	10725	CTG201	21,288	21,288	311	236	186	186
Selkirk Cogen Partners	New York	10725	CTG301	21,288	21,288	287	218	172	172
Shoemaker	New York	2632	1	21,288	21,288	3	2	2	2

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Project Orange Facility	New York	54425	001	0	0	0	0	0
Project Orange Facility	New York	54425	002	0	0	0	1	1
Ravenswood Generating Station	New York	2500	10	670	1,538	1,566	340	489
Ravenswood Generating Station	New York	2500	20	1,176	1,369	1,764	250	267
Ravenswood Generating Station	New York	2500	30	2,126	3,663	2,686	559	734
Ravenswood Generating Station	New York	2500	CT02-1					
Ravenswood Generating Station	New York	2500	CT02-2					
Ravenswood Generating Station	New York	2500	CT02-3					
Ravenswood Generating Station	New York	2500	CT02-4					
Ravenswood Generating Station	New York	2500	CT03-1					
Ravenswood Generating Station	New York	2500	CT03-2					
Ravenswood Generating Station	New York	2500	CT03-3					
Ravenswood Generating Station	New York	2500	CT03-4					
Ravenswood Generating Station	New York	2500	UCC001		4	5	4	4
Rensselaer Cogen	New York	54034	1GTDBS	1	0	0	0	0
Richard M Flynn (Holtsville)	New York	7314	001	69	94	39	17	54
S A Carlson	New York	2682	10	695	969	757	267	291
S A Carlson	New York	2682	11	0	0		0	0
S A Carlson	New York	2682	12	1,799	1,915	1,670	1,665	1,760
S A Carlson	New York	2682	20	0	0	0	0	0
S A Carlson	New York	2682	9	1,222	1,162	973	1,114	1,447
Saranac Power Partners, LP	New York	54574	00001					
Saranac Power Partners, LP	New York	54574	00002					
Selkirk Cogen Partners	New York	10725	CTG101					
Selkirk Cogen Partners	New York	10725	CTG201					
Selkirk Cogen Partners	New York	10725	CTG301					
Shoemaker	New York	2632	1					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Project Orange Facility	New York	54425	001	0	0	0	0		
Project Orange Facility	New York	54425	002	0	0	0	1		
Ravenswood Generating Station	New York	2500	10	100	75	38	1,566		
Ravenswood Generating Station	New York	2500	20	100	83	26	1,764		
Ravenswood Generating Station	New York	2500	30	242	135	193	3,663		
Ravenswood Generating Station	New York	2500	CT02-1		0	0	0		
Ravenswood Generating Station	New York	2500	CT02-2		0	0	0		
Ravenswood Generating Station	New York	2500	CT02-3		0	0	0		
Ravenswood Generating Station	New York	2500	CT02-4		0	0	0		
Ravenswood Generating Station	New York	2500	CT03-1		0	0	0		
Ravenswood Generating Station	New York	2500	CT03-2		0	0	0		
Ravenswood Generating Station	New York	2500	CT03-3		0	0	0		
Ravenswood Generating Station	New York	2500	CT03-4		0	0	0		
Ravenswood Generating Station	New York	2500	UCC001	4	4	3	5		
Rensselaer Cogen	New York	54034	1GTDBS	0	0	0	1		
Richard M Flynn (Holtsville)	New York	7314	001	34	40	6	94		
S A Carlson	New York	2682	10	533	457	355	969		
S A Carlson	New York	2682	11	0			0		
S A Carlson	New York	2682	12	1,688	882	564	1,915		
S A Carlson	New York	2682	20	0	0	0	0		
S A Carlson	New York	2682	9	1,515	546	352	1,515		
Saranac Power Partners, LP	New York	54574	00001		2	1	2		
Saranac Power Partners, LP	New York	54574	00002		1	0	1		
Selkirk Cogen Partners	New York	10725	CTG101	1	1	2	2		
Selkirk Cogen Partners	New York	10725	CTG201		2	1	2		
Selkirk Cogen Partners	New York	10725	CTG301		2	1	2		
Shoemaker	New York	2632	1		0	0	0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Project Orange Facility	New York	54425	001					23	29
Project Orange Facility	New York	54425	002					23	37
Ravenswood Generating Station	New York	2500	10					618	1,097
Ravenswood Generating Station	New York	2500	20					918	836
Ravenswood Generating Station	New York	2500	30					1,827	2,379
Ravenswood Generating Station	New York	2500	CT02-1					14	6
Ravenswood Generating Station	New York	2500	CT02-2					14	8
Ravenswood Generating Station	New York	2500	CT02-3					10	9
Ravenswood Generating Station	New York	2500	CT02-4					10	7
Ravenswood Generating Station	New York	2500	CT03-1					7	7
Ravenswood Generating Station	New York	2500	CT03-2					9	5
Ravenswood Generating Station	New York	2500	CT03-3					13	4
Ravenswood Generating Station	New York	2500	CT03-4					11	6
Ravenswood Generating Station	New York	2500	UCC001						73
Rensselaer Cogen	New York	54034	1GTDBS					9	1
Richard M Flynn (Holtsville)	New York	7314	001					175	189
S A Carlson	New York	2682	10					114	138
S A Carlson	New York	2682	11					0	
S A Carlson	New York	2682	12					293	260
S A Carlson	New York	2682	20					21	29
S A Carlson	New York	2682	9					192	159
Saranac Power Partners, LP	New York	54574	00001					115	130
Saranac Power Partners, LP	New York	54574	00002					132	115
Selkirk Cogen Partners	New York	10725	CTG101					280	245
Selkirk Cogen Partners	New York	10725	CTG201					81	69
Selkirk Cogen Partners	New York	10725	CTG301					77	69
Shoemaker	New York	2632	1					15	4

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Project Orange Facility	New York	54425	001	46	33	24	42	52
Project Orange Facility	New York	54425	002	52	69	62	49	1
Ravenswood Generating Station	New York	2500	10	1,014	317	452	214	236
Ravenswood Generating Station	New York	2500	20	1,101	277	287	254	115
Ravenswood Generating Station	New York	2500	30	1,786	784	859	392	352
Ravenswood Generating Station	New York	2500	CT02-1	12	13	12	11	4
Ravenswood Generating Station	New York	2500	CT02-2	7	7	13	8	3
Ravenswood Generating Station	New York	2500	CT02-3	17	8	8	8	3
Ravenswood Generating Station	New York	2500	CT02-4	16	9	9	7	3
Ravenswood Generating Station	New York	2500	CT03-1	17	16	18	10	4
Ravenswood Generating Station	New York	2500	CT03-2	17	11	16	8	4
Ravenswood Generating Station	New York	2500	CT03-3	7	14	11	3	2
Ravenswood Generating Station	New York	2500	CT03-4	18	8	10	6	4
Ravenswood Generating Station	New York	2500	UCC001	50	44	36	43	40
Rensselaer Cogen	New York	54034	1GTDBS	3	1	3	1	1
Richard M Flynn (Holtsville)	New York	7314	001	145	145	138	167	166
S A Carlson	New York	2682	10	112	44	50	84	71
S A Carlson	New York	2682	11				0	
S A Carlson	New York	2682	12	222	241	277	229	123
S A Carlson	New York	2682	20	6	9	15	5	4
S A Carlson	New York	2682	9	135	166	234	214	84
Saranac Power Partners, LP	New York	54574	00001	120	113	110	115	68
Saranac Power Partners, LP	New York	54574	00002	109	107	108	108	69
Selkirk Cogen Partners	New York	10725	CTG101	217	209	202	203	169
Selkirk Cogen Partners	New York	10725	CTG201	52	49	73	86	73
Selkirk Cogen Partners	New York	10725	CTG301	51	47	65	78	69
Shoemaker	New York	2632	1	7	19	5	1	1

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Project Orange Facility	New York	54425	001	20	52				
Project Orange Facility	New York	54425	002	29	69				
Ravenswood Generating Station	New York	2500	10	212	1,097				
Ravenswood Generating Station	New York	2500	20	207	1,101				
Ravenswood Generating Station	New York	2500	30	503	2,379				
Ravenswood Generating Station	New York	2500	CT02-1	11	14				
Ravenswood Generating Station	New York	2500	CT02-2	6	14				
Ravenswood Generating Station	New York	2500	CT02-3	10	17				
Ravenswood Generating Station	New York	2500	CT02-4	9	16				
Ravenswood Generating Station	New York	2500	CT03-1	12	18				
Ravenswood Generating Station	New York	2500	CT03-2	9	17				
Ravenswood Generating Station	New York	2500	CT03-3	9	14				
Ravenswood Generating Station	New York	2500	CT03-4	9	18				
Ravenswood Generating Station	New York	2500	UCC001	34	73				
Rensselaer Cogen	New York	54034	1GTDBS	4	9				
Richard M Flynn (Holtsville)	New York	7314	001	108	189				
S A Carlson	New York	2682	10	55	138				
S A Carlson	New York	2682	11		0				
S A Carlson	New York	2682	12	87	293				
S A Carlson	New York	2682	20	10	29				
S A Carlson	New York	2682	9	63	234				
Saranac Power Partners, LP	New York	54574	00001	30	130				
Saranac Power Partners, LP	New York	54574	00002	18	132				
Selkirk Cogen Partners	New York	10725	CTG101	198	280				
Selkirk Cogen Partners	New York	10725	CTG201	65	86				
Selkirk Cogen Partners	New York	10725	CTG301	61	78				
Shoemaker	New York	2632	1	9	19				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Project Orange Facility	New York	54425	001			0	0
Project Orange Facility	New York	54425	002			1	1
Ravenswood Generating Station	New York	2500	10			880	880
Ravenswood Generating Station	New York	2500	20			674	674
Ravenswood Generating Station	New York	2500	30			1,670	1,670
Ravenswood Generating Station	New York	2500	CT02-1			0	0
Ravenswood Generating Station	New York	2500	CT02-2			0	0
Ravenswood Generating Station	New York	2500	CT02-3			0	0
Ravenswood Generating Station	New York	2500	CT02-4			0	0
Ravenswood Generating Station	New York	2500	CT03-1			0	0
Ravenswood Generating Station	New York	2500	CT03-2			0	0
Ravenswood Generating Station	New York	2500	CT03-3			0	0
Ravenswood Generating Station	New York	2500	CT03-4			0	0
Ravenswood Generating Station	New York	2500	UCC001			5	5
Rensselaer Cogen	New York	54034	1GTDBS			1	1
Richard M Flynn (Holtsville)	New York	7314	001			94	94
S A Carlson	New York	2682	10			33	33
S A Carlson	New York	2682	11			0	0
S A Carlson	New York	2682	12			130	130
S A Carlson	New York	2682	20			0	0
S A Carlson	New York	2682	9			103	103
Saranac Power Partners, LP	New York	54574	00001			2	2
Saranac Power Partners, LP	New York	54574	00002			1	1
Selkirk Cogen Partners	New York	10725	CTG101			2	2
Selkirk Cogen Partners	New York	10725	CTG201			2	2
Selkirk Cogen Partners	New York	10725	CTG301			2	2
Shoemaker	New York	2632	1			0	0

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Project Orange Facility	New York	54425	001	0	0	0	0
Project Orange Facility	New York	54425	002	1	1	1	1
Ravenswood Generating Station	New York	2500	10	642	642	642	642
Ravenswood Generating Station	New York	2500	20	492	492	492	492
Ravenswood Generating Station	New York	2500	30	1,218	1,218	1,218	1,218
Ravenswood Generating Station	New York	2500	CT02-1	0	0	0	0
Ravenswood Generating Station	New York	2500	CT02-2	0	0	0	0
Ravenswood Generating Station	New York	2500	CT02-3	0	0	0	0
Ravenswood Generating Station	New York	2500	CT02-4	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-1	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-2	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-3	0	0	0	0
Ravenswood Generating Station	New York	2500	CT03-4	0	0	0	0
Ravenswood Generating Station	New York	2500	UCC001	5	5	5	5
Rensselaer Cogen	New York	54034	1GTDBS	1	1	1	1
Richard M Flynn (Holtsville)	New York	7314	001	94	94	94	94
S A Carlson	New York	2682	10	24	24	24	24
S A Carlson	New York	2682	11	0	0	0	0
S A Carlson	New York	2682	12	95	95	95	95
S A Carlson	New York	2682	20	0	0	0	0
S A Carlson	New York	2682	9	75	75	75	75
Saranac Power Partners, LP	New York	54574	00001	2	2	2	2
Saranac Power Partners, LP	New York	54574	00002	1	1	1	1
Selkirk Cogen Partners	New York	10725	CTG101	2	2	2	2
Selkirk Cogen Partners	New York	10725	CTG201	2	2	2	2
Selkirk Cogen Partners	New York	10725	CTG301	2	2	2	2
Shoemaker	New York	2632	1	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Project Orange Facility	New York	54425	001	52	52	52	52
Project Orange Facility	New York	54425	002	69	69	69	69
Ravenswood Generating Station	New York	2500	10	379	379	379	379
Ravenswood Generating Station	New York	2500	20	291	291	291	291
Ravenswood Generating Station	New York	2500	30	721	721	721	721
Ravenswood Generating Station	New York	2500	CT02-1	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-3	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-4	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-1	3	3	3	3
Ravenswood Generating Station	New York	2500	CT03-2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-3	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-4	2	2	2	2
Ravenswood Generating Station	New York	2500	UCC001	73	73	73	73
Rensselaer Cogen	New York	54034	1GTDBS	7	7	7	7
Richard M Flynn (Holtsville)	New York	7314	001	189	189	189	189
S A Carlson	New York	2682	10	14	14	14	14
S A Carlson	New York	2682	11	0	0	0	0
S A Carlson	New York	2682	12	56	56	56	56
S A Carlson	New York	2682	20	7	7	7	7
S A Carlson	New York	2682	9	45	45	45	45
Saranac Power Partners, LP	New York	54574	00001	130	130	130	130
Saranac Power Partners, LP	New York	54574	00002	132	132	132	132
Selkirk Cogen Partners	New York	10725	CTG101	247	247	247	247
Selkirk Cogen Partners	New York	10725	CTG201	86	86	86	86
Selkirk Cogen Partners	New York	10725	CTG301	78	78	78	78
Shoemaker	New York	2632	1	2	2	2	2

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Project Orange Facility	New York	54425	001	52	52	236,485	488,679	271,933
Project Orange Facility	New York	54425	002	69	69	975,642	505,075	590,774
Ravenswood Generating Station	New York	2500	10	379	379	4,827,126	5,905,732	5,895,027
Ravenswood Generating Station	New York	2500	20	291	291	3,762,832	3,754,666	4,039,625
Ravenswood Generating Station	New York	2500	30	721	721	11,310,042	11,685,549	8,984,335
Ravenswood Generating Station	New York	2500	CT02-1	2	2	38,636	34,980	45,585
Ravenswood Generating Station	New York	2500	CT02-2	2	2	20,062	45,663	33,962
Ravenswood Generating Station	New York	2500	CT02-3	2	2	24,677	20,841	36,658
Ravenswood Generating Station	New York	2500	CT02-4	2	2	31,920	29,554	28,454
Ravenswood Generating Station	New York	2500	CT03-1	3	3	41,929	52,677	47,399
Ravenswood Generating Station	New York	2500	CT03-2	2	2	40,207	46,312	36,673
Ravenswood Generating Station	New York	2500	CT03-3	2	2	40,491	29,171	8,884
Ravenswood Generating Station	New York	2500	CT03-4	2	2	21,818	26,920	25,668
Ravenswood Generating Station	New York	2500	UCC001	73	73	5,339,374	5,798,302	5,550,759
Rensselaer Cogen	New York	54034	1GTDBS	7	7	62,563	73,073	44,842
Richard M Flynn (Holtsville)	New York	7314	001	189	189	3,791,398	2,999,104	3,965,112
S A Carlson	New York	2682	10	14	14	49,791	37,088	161,164
S A Carlson	New York	2682	11	0	0		2	2
S A Carlson	New York	2682	12	56	56	552,363	571,904	482,210
S A Carlson	New York	2682	20	7	7	112,131	122,114	46,734
S A Carlson	New York	2682	9	45	45	250,803	424,321	327,923
Saranac Power Partners, LP	New York	54574	00001	130	130	3,641,068	3,586,578	3,740,474
Saranac Power Partners, LP	New York	54574	00002	132	132	3,408,567	3,502,229	3,393,205
Selkirk Cogen Partners	New York	10725	CTG101	247	247	3,049,915	2,340,657	2,527,266
Selkirk Cogen Partners	New York	10725	CTG201	86	86	2,777,282	2,808,299	3,159,585
Selkirk Cogen Partners	New York	10725	CTG301	78	78	2,636,320	2,691,525	3,104,051
Shoemaker	New York	2632	1	2	2	100,048	17,906	2,939

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Project Orange Facility	New York	54425	001	543,447	399,479	477,202	338,914,478	0.001408
Project Orange Facility	New York	54425	002	42	598,621	721,679	338,914,478	0.002129
Ravenswood Generating Station	New York	2500	10	4,652,434	6,094,452	5,965,070	338,914,478	0.017601
Ravenswood Generating Station	New York	2500	20	1,075,271	3,647,267	3,852,374	338,914,478	0.011367
Ravenswood Generating Station	New York	2500	30	7,286,280	11,505,601	11,500,397	338,914,478	0.033933
Ravenswood Generating Station	New York	2500	CT02-1	15,456	50,670	44,964	338,914,478	0.000133
Ravenswood Generating Station	New York	2500	CT02-2	12,785	27,673	35,766	338,914,478	0.000106
Ravenswood Generating Station	New York	2500	CT02-3	13,258	46,649	35,995	338,914,478	0.000106
Ravenswood Generating Station	New York	2500	CT02-4	11,448	40,478	33,984	338,914,478	0.000100
Ravenswood Generating Station	New York	2500	CT03-1	16,054	53,542	51,206	338,914,478	0.000151
Ravenswood Generating Station	New York	2500	CT03-2	16,282	42,947	43,155	338,914,478	0.000127
Ravenswood Generating Station	New York	2500	CT03-3	6,112	42,859	37,507	338,914,478	0.000111
Ravenswood Generating Station	New York	2500	CT03-4	14,894	42,476	31,688	338,914,478	0.000093
Ravenswood Generating Station	New York	2500	UCC001	4,663,555	4,648,675	5,562,812	338,914,478	0.016414
Rensselaer Cogen	New York	54034	1GTDBS	9,469	246,821	127,485	338,914,478	0.000376
Richard M Flynn (Holtsville)	New York	7314	001	3,866,610	1,629,880	3,874,373	338,914,478	0.011432
S A Carlson	New York	2682	10	24,619		82,681	338,914,478	0.000244
S A Carlson	New York	2682	11			2	338,914,478	0.000000
S A Carlson	New York	2682	12	63,162	29,882	535,492	338,914,478	0.001580
S A Carlson	New York	2682	20	54,261	152,932	129,059	338,914,478	0.000381
S A Carlson	New York	2682	9	2,965	7,176	334,349	338,914,478	0.000987
Saranac Power Partners, LP	New York	54574	00001	1,826,109	701,808	3,656,040	338,914,478	0.010788
Saranac Power Partners, LP	New York	54574	00002	1,755,127	427,327	3,434,667	338,914,478	0.010134
Selkirk Cogen Partners	New York	10725	CTG101	2,242,707	2,977,393	2,851,525	338,914,478	0.008414
Selkirk Cogen Partners	New York	10725	CTG201	2,692,530	2,888,738	2,952,208	338,914,478	0.008711
Selkirk Cogen Partners	New York	10725	CTG301	2,602,977	2,773,323	2,856,299	338,914,478	0.008428
Shoemaker	New York	2632	1	1,269	13,949	43,968	338,914,478	0.000130

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Project Orange Facility	New York	54425	001	10,162	10,162	14	14	10	5
Project Orange Facility	New York	54425	002	10,162	10,162	22	22	9	12
Ravenswood Generating Station	New York	2500	10	10,162	10,162	179	179	362	554
Ravenswood Generating Station	New York	2500	20	10,162	10,162	116	116	331	434
Ravenswood Generating Station	New York	2500	30	10,162	10,162	345	345	899	1,481
Ravenswood Generating Station	New York	2500	CT02-1	10,162	10,162	1	1	12	3
Ravenswood Generating Station	New York	2500	CT02-2	10,162	10,162	1	1	12	4
Ravenswood Generating Station	New York	2500	CT02-3	10,162	10,162	1	1	10	5
Ravenswood Generating Station	New York	2500	CT02-4	10,162	10,162	1	1	10	3
Ravenswood Generating Station	New York	2500	CT03-1	10,162	10,162	2	2	7	3
Ravenswood Generating Station	New York	2500	CT03-2	10,162	10,162	1	1	6	3
Ravenswood Generating Station	New York	2500	CT03-3	10,162	10,162	1	1	9	2
Ravenswood Generating Station	New York	2500	CT03-4	10,162	10,162	1	1	10	3
Ravenswood Generating Station	New York	2500	UCC001	10,162	10,162	167	167		21
Rensselaer Cogen	New York	54034	1GTDBS	10,162	10,162	4	4	4	1
Richard M Flynn (Holtsville)	New York	7314	001	10,162	10,162	116	116	60	49
S A Carlson	New York	2682	10	10,162	10,162	2	2	34	44
S A Carlson	New York	2682	11	10,162	10,162	0	0		
S A Carlson	New York	2682	12	10,162	10,162	16	16	50	110
S A Carlson	New York	2682	20	10,162	10,162	4	4	8	14
S A Carlson	New York	2682	9	10,162	10,162	10	10	85	47
Saranac Power Partners, LP	New York	54574	00001	10,162	10,162	110	110	48	56
Saranac Power Partners, LP	New York	54574	00002	10,162	10,162	103	103	56	53
Selkirk Cogen Partners	New York	10725	CTG101	10,162	10,162	86	86	105	94
Selkirk Cogen Partners	New York	10725	CTG201	10,162	10,162	89	89	21	23
Selkirk Cogen Partners	New York	10725	CTG301	10,162	10,162	86	86	19	23
Shoemaker	New York	2632	1	10,162	10,162	1	1	5	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Project Orange Facility	New York	54425	001	24	8	18	9	18	14
Project Orange Facility	New York	54425	002	7	32	17	20	0	21
Ravenswood Generating Station	New York	2500	10	345	169	187	180	149	185
Ravenswood Generating Station	New York	2500	20	494	144	145	139	36	127
Ravenswood Generating Station	New York	2500	30	1,094	497	489	382	271	456
Ravenswood Generating Station	New York	2500	CT02-1	7	10	9	10	3	10
Ravenswood Generating Station	New York	2500	CT02-2	4	6	11	7	3	5
Ravenswood Generating Station	New York	2500	CT02-3	13	6	5	8	3	9
Ravenswood Generating Station	New York	2500	CT02-4	13	8	7	6	2	8
Ravenswood Generating Station	New York	2500	CT03-1	13	10	13	10	3	11
Ravenswood Generating Station	New York	2500	CT03-2	15	10	11	8	3	9
Ravenswood Generating Station	New York	2500	CT03-3	5	10	7	2	1	8
Ravenswood Generating Station	New York	2500	CT03-4	17	5	7	5	3	8
Ravenswood Generating Station	New York	2500	UCC001	20	17	18	17	16	17
Rensselaer Cogen	New York	54034	1GTDBS	3	1	1	1	0	4
Richard M Flynn (Holtsville)	New York	7314	001	52	53	42	60	52	22
S A Carlson	New York	2682	10	59	11	8	39	5	
S A Carlson	New York	2682	11				0		
S A Carlson	New York	2682	12	54	105	112	95	11	5
S A Carlson	New York	2682	20	3	7	8	3	3	9
S A Carlson	New York	2682	9	46	49	88	66	1	1
Saranac Power Partners, LP	New York	54574	00001	49	47	47	49	25	10
Saranac Power Partners, LP	New York	54574	00002	42	44	44	42	27	6
Selkirk Cogen Partners	New York	10725	CTG101	90	106	83	91	83	108
Selkirk Cogen Partners	New York	10725	CTG201	20	21	32	41	34	38
Selkirk Cogen Partners	New York	10725	CTG301	23	20	31	40	33	36
Shoemaker	New York	2632	1	4	16	4	1	1	7

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Project Orange Facility	New York	54425	001	24					
Project Orange Facility	New York	54425	002	32					
Ravenswood Generating Station	New York	2500	10	554					
Ravenswood Generating Station	New York	2500	20	494					
Ravenswood Generating Station	New York	2500	30	1,481					
Ravenswood Generating Station	New York	2500	CT02-1	12					
Ravenswood Generating Station	New York	2500	CT02-2	12					
Ravenswood Generating Station	New York	2500	CT02-3	13					
Ravenswood Generating Station	New York	2500	CT02-4	13					
Ravenswood Generating Station	New York	2500	CT03-1	13					
Ravenswood Generating Station	New York	2500	CT03-2	15					
Ravenswood Generating Station	New York	2500	CT03-3	10					
Ravenswood Generating Station	New York	2500	CT03-4	17					
Ravenswood Generating Station	New York	2500	UCC001	21					
Rensselaer Cogen	New York	54034	1GTDBS	4					
Richard M Flynn (Holtsville)	New York	7314	001	60					
S A Carlson	New York	2682	10	59					
S A Carlson	New York	2682	11	0					
S A Carlson	New York	2682	12	112					
S A Carlson	New York	2682	20	14					
S A Carlson	New York	2682	9	88					
Saranac Power Partners, LP	New York	54574	00001	56					
Saranac Power Partners, LP	New York	54574	00002	56					
Selkirk Cogen Partners	New York	10725	CTG101	108					
Selkirk Cogen Partners	New York	10725	CTG201	41					
Selkirk Cogen Partners	New York	10725	CTG301	40					
Shoemaker	New York	2632	1	16					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Project Orange Facility	New York	54425	001			20	20
Project Orange Facility	New York	54425	002			31	31
Ravenswood Generating Station	New York	2500	10			256	256
Ravenswood Generating Station	New York	2500	20			165	165
Ravenswood Generating Station	New York	2500	30			493	493
Ravenswood Generating Station	New York	2500	CT02-1			2	2
Ravenswood Generating Station	New York	2500	CT02-2			2	2
Ravenswood Generating Station	New York	2500	CT02-3			2	2
Ravenswood Generating Station	New York	2500	CT02-4			1	1
Ravenswood Generating Station	New York	2500	CT03-1			2	2
Ravenswood Generating Station	New York	2500	CT03-2			2	2
Ravenswood Generating Station	New York	2500	CT03-3			2	2
Ravenswood Generating Station	New York	2500	CT03-4			1	1
Ravenswood Generating Station	New York	2500	UCC001			21	21
Rensselaer Cogen	New York	54034	1GTDBS			4	4
Richard M Flynn (Holtsville)	New York	7314	001			60	60
S A Carlson	New York	2682	10			4	4
S A Carlson	New York	2682	11			0	0
S A Carlson	New York	2682	12			23	23
S A Carlson	New York	2682	20			6	6
S A Carlson	New York	2682	9			14	14
Saranac Power Partners, LP	New York	54574	00001			56	56
Saranac Power Partners, LP	New York	54574	00002			56	56
Selkirk Cogen Partners	New York	10725	CTG101			108	108
Selkirk Cogen Partners	New York	10725	CTG201			41	41
Selkirk Cogen Partners	New York	10725	CTG301			40	40
Shoemaker	New York	2632	1			2	2

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Project Orange Facility	New York	54425	001	20	20	20	20
Project Orange Facility	New York	54425	002	31	31	31	31
Ravenswood Generating Station	New York	2500	10	256	256	256	256
Ravenswood Generating Station	New York	2500	20	165	165	165	165
Ravenswood Generating Station	New York	2500	30	493	493	493	493
Ravenswood Generating Station	New York	2500	CT02-1	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-3	2	2	2	2
Ravenswood Generating Station	New York	2500	CT02-4	1	1	1	1
Ravenswood Generating Station	New York	2500	CT03-1	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-2	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-3	2	2	2	2
Ravenswood Generating Station	New York	2500	CT03-4	1	1	1	1
Ravenswood Generating Station	New York	2500	UCC001	21	21	21	21
Rensselaer Cogen	New York	54034	1GTDBS	4	4	4	4
Richard M Flynn (Holtsville)	New York	7314	001	60	60	60	60
S A Carlson	New York	2682	10	4	4	4	4
S A Carlson	New York	2682	11	0	0	0	0
S A Carlson	New York	2682	12	23	23	23	23
S A Carlson	New York	2682	20	6	6	6	6
S A Carlson	New York	2682	9	14	14	14	14
Saranac Power Partners, LP	New York	54574	00001	56	56	56	56
Saranac Power Partners, LP	New York	54574	00002	56	56	56	56
Selkirk Cogen Partners	New York	10725	CTG101	108	108	108	108
Selkirk Cogen Partners	New York	10725	CTG201	41	41	41	41
Selkirk Cogen Partners	New York	10725	CTG301	40	40	40	40
Shoemaker	New York	2632	1	2	2	2	2

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Project Orange Facility	New York	54425	001	Y	Y		Y		
Project Orange Facility	New York	54425	002	Y	Y		Y		
Ravenswood Generating Station	New York	2500	10	Y	Y		Y		
Ravenswood Generating Station	New York	2500	20	Y	Y		Y		
Ravenswood Generating Station	New York	2500	30	Y	Y		Y		
Ravenswood Generating Station	New York	2500	CT02-1	Y	Y		Y		
Ravenswood Generating Station	New York	2500	CT02-2	Y	Y		Y		
Ravenswood Generating Station	New York	2500	CT02-3	Y	Y		Y		
Ravenswood Generating Station	New York	2500	CT02-4	Y	Y		Y		
Ravenswood Generating Station	New York	2500	CT03-1	Y	Y		Y		
Ravenswood Generating Station	New York	2500	CT03-2	Y	Y		Y		
Ravenswood Generating Station	New York	2500	CT03-3	Y	Y		Y		
Ravenswood Generating Station	New York	2500	CT03-4	Y	Y		Y		
Ravenswood Generating Station	New York	2500	UCC001	Y	Y		Y		
Rensselaer Cogen	New York	54034	1GTDBS	Y	Y		Y		
Richard M Flynn (Holtsville)	New York	7314	001	Y	Y		Y		
S A Carlson	New York	2682	10	Y	Y		Y		
S A Carlson	New York	2682	11	Y	Y		Y		
S A Carlson	New York	2682	12	Y	Y		Y		
S A Carlson	New York	2682	20	Y	Y		Y		
S A Carlson	New York	2682	9	Y	Y		Y		
Saranac Power Partners, LP	New York	54574	00001	Y	Y		Y		
Saranac Power Partners, LP	New York	54574	00002	Y	Y		Y		
Selkirk Cogen Partners	New York	10725	CTG101	Y	Y		Y		
Selkirk Cogen Partners	New York	10725	CTG201	Y	Y		Y		
Selkirk Cogen Partners	New York	10725	CTG301	Y	Y		Y		
Shoemaker	New York	2632	1	Y	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Shoreham Energy	New York	55787	CT01	10134	91,728	222,318	182,484	93,710	160,102
Shoreham Energy	New York	55787	CT02	10135	85,416	195,412	185,685	99,192	154,554
Sterling Power Plant	New York	50744	00001	3692	104,577	59,241	30,129	70,301	99,549
Syracuse Energy Corporation	New York	50651	BLR1	3686	1,150,066	1,491,135	1,397,010	942,244	648,421
Syracuse Energy Corporation	New York	50651	BLR2	3687	1,005,937	1,498,457	1,440,827	1,189,775	1,021,187
Syracuse Energy Corporation	New York	50651	BLR3	3688	1,268,329	1,294,609	1,292,736	474,039	1,188,152
Syracuse Energy Corporation	New York	50651	BLR4	3689	968,264	834,587	990,084	674,656	716,257
Syracuse Energy Corporation	New York	50651	BLR5	3690	1,202,199	907,574	828,942	676,391	671,184
Vernon Boulevard	New York	7909	VB01	8380	498,066	543,563	525,791	91,141	372,302
Vernon Boulevard	New York	7909	VB02	8382	558,579	633,983	663,523	98,218	316,650
WPS Beaver Falls Generation, LLC	New York	10617	1	3560		507,335	119,903	185,132	17,768
WPS Syracuse Generation, LLC	New York	10621	1	3564	540,823	570,231	213,723	213,066	64,619
Wading River Facility	New York	7146	UGT007	2955	185,659	382,053	395,242	190,212	301,761
Wading River Facility	New York	7146	UGT008	2956	247,473	466,418	372,280	183,187	284,256
Wading River Facility	New York	7146	UGT009	2957	322,182	439,112	420,869	208,797	288,275
Wading River Facility	New York	7146	UGT013	2958	54,681	22,120	14,008	12,788	36,782
West Babylon Facility	New York	2521	UGT001	1753	36,160	17,766	36,396	7,741	24,721
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	4361	4,653	8,569	3,438	4,559	5,049
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	4363	7,009	4,786	4,086	7,617	3,127
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	4365	3,110	5,613	6,064	3,976	5,335
Ashtabula	Ohio	2835	7	1901	18,695,534	16,482,356	13,974,908	6,912,201	10,842,971
Avon Lake Power Plant	Ohio	2836	10	1904	3,406,103	4,562,567	2,461,811	519,482	741,911
Avon Lake Power Plant	Ohio	2836	12	1906	31,705,425	24,480,326	26,876,132	28,746,316	24,931,939
Avon Lake Power Plant	Ohio	2836	CT10	10208	13,525	10,647	277	533	3,575
Bay Shore	Ohio	2878	1	1984	14,480,573	12,310,656	14,371,913	14,179,523	15,223,411
Bay Shore	Ohio	2878	2	1985	9,642,914	9,572,170	9,238,025	2,636,435	6,248,843
Bay Shore	Ohio	2878	3	1986	10,364,396	9,712,175	9,503,731	5,753,505	7,919,515

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Shoreham Energy	New York	55787	CT01	188,302	707,632,553	0.000266	35,570	27,005
Shoreham Energy	New York	55787	CT02	178,550	707,632,553	0.000252	35,570	27,005
Sterling Power Plant	New York	50744	00001	91,476	707,632,553	0.000129	35,570	27,005
Syracuse Energy Corporation	New York	50651	BLR1	1,346,070	707,632,553	0.001902	35,570	27,005
Syracuse Energy Corporation	New York	50651	BLR2	1,376,353	707,632,553	0.001945	35,570	27,005
Syracuse Energy Corporation	New York	50651	BLR3	1,285,225	707,632,553	0.001816	35,570	27,005
Syracuse Energy Corporation	New York	50651	BLR4	930,979	707,632,553	0.001316	35,570	27,005
Syracuse Energy Corporation	New York	50651	BLR5	979,572	707,632,553	0.001384	35,570	27,005
Vernon Boulevard	New York	7909	VB01	522,473	707,632,553	0.000738	35,570	27,005
Vernon Boulevard	New York	7909	VB02	618,695	707,632,553	0.000874	35,570	27,005
WPS Beaver Falls Generation, LLC	New York	10617	1	270,790	707,632,553	0.000383	35,570	27,005
WPS Syracuse Generation, LLC	New York	10621	1	441,592	707,632,553	0.000624	35,570	27,005
Wading River Facility	New York	7146	UGT007	359,685	707,632,553	0.000508	35,570	27,005
Wading River Facility	New York	7146	UGT008	374,318	707,632,553	0.000529	35,570	27,005
Wading River Facility	New York	7146	UGT009	394,054	707,632,553	0.000557	35,570	27,005
Wading River Facility	New York	7146	UGT013	37,861	707,632,553	0.000054	35,570	27,005
West Babylon Facility	New York	2521	UGT001	32,425	707,632,553	0.000046	35,570	27,005
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	6,090	1,419,359,736	0.000004	309,085	139,395
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	6,471	1,419,359,736	0.000005	309,085	139,395
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	5,671	1,419,359,736	0.000004	309,085	139,395
Ashtabula	Ohio	2835	7	16,384,266	1,419,359,736	0.011543	309,085	139,395
Avon Lake Power Plant	Ohio	2836	10	3,476,827	1,419,359,736	0.002450	309,085	139,395
Avon Lake Power Plant	Ohio	2836	12	29,109,291	1,419,359,736	0.020509	309,085	139,395
Avon Lake Power Plant	Ohio	2836	CT10	9,249	1,419,359,736	0.000007	309,085	139,395
Bay Shore	Ohio	2878	1	14,691,966	1,419,359,736	0.010351	309,085	139,395
Bay Shore	Ohio	2878	2	9,484,369	1,419,359,736	0.006682	309,085	139,395
Bay Shore	Ohio	2878	3	9,860,101	1,419,359,736	0.006947	309,085	139,395

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Shoreham Energy	New York	55787	CT01	21,288	21,288	9	7	6	6
Shoreham Energy	New York	55787	CT02	21,288	21,288	9	7	5	5
Sterling Power Plant	New York	50744	00001	21,288	21,288	5	3	3	3
Syracuse Energy Corporation	New York	50651	BLR1	21,288	21,288	68	51	40	40
Syracuse Energy Corporation	New York	50651	BLR2	21,288	21,288	69	53	41	41
Syracuse Energy Corporation	New York	50651	BLR3	21,288	21,288	65	49	39	39
Syracuse Energy Corporation	New York	50651	BLR4	21,288	21,288	47	36	28	28
Syracuse Energy Corporation	New York	50651	BLR5	21,288	21,288	49	37	29	29
Vernon Boulevard	New York	7909	VB01	21,288	21,288	26	20	16	16
Vernon Boulevard	New York	7909	VB02	21,288	21,288	31	24	19	19
WPS Beaver Falls Generation, LLC	New York	10617	1	21,288	21,288	14	10	8	8
WPS Syracuse Generation, LLC	New York	10621	1	21,288	21,288	22	17	13	13
Wading River Facility	New York	7146	UGT007	21,288	21,288	18	14	11	11
Wading River Facility	New York	7146	UGT008	21,288	21,288	19	14	11	11
Wading River Facility	New York	7146	UGT009	21,288	21,288	20	15	12	12
Wading River Facility	New York	7146	UGT013	21,288	21,288	2	1	1	1
West Babylon Facility	New York	2521	UGT001	21,288	21,288	2	1	1	1
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	93,559	88,453	1	1	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	93,559	88,453	1	1	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	93,559	88,453	1	1	0	0
Ashtabula	Ohio	2835	7	93,559	88,453	3,568	1,609	1,080	1,021
Avon Lake Power Plant	Ohio	2836	10	93,559	88,453	757	341	229	217
Avon Lake Power Plant	Ohio	2836	12	93,559	88,453	6,339	2,859	1,919	1,814
Avon Lake Power Plant	Ohio	2836	CT10	93,559	88,453	2	1	1	1
Bay Shore	Ohio	2878	1	93,559	88,453	3,199	1,443	968	916
Bay Shore	Ohio	2878	2	93,559	88,453	2,065	931	625	591
Bay Shore	Ohio	2878	3	93,559	88,453	2,147	968	650	614

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Shoreham Energy	New York	55787	CT01	2	1	4	2	4
Shoreham Energy	New York	55787	CT02	2	1	4	2	4
Sterling Power Plant	New York	50744	00001	0	0	0	0	0
Syracuse Energy Corporation	New York	50651	BLR1					
Syracuse Energy Corporation	New York	50651	BLR2					
Syracuse Energy Corporation	New York	50651	BLR3					
Syracuse Energy Corporation	New York	50651	BLR4					
Syracuse Energy Corporation	New York	50651	BLR5					
Vernon Boulevard	New York	7909	VB01	0	0	0	0	0
Vernon Boulevard	New York	7909	VB02	0	0	0	0	0
WPS Beaver Falls Generation, LLC	New York	10617	1					
WPS Syracuse Generation, LLC	New York	10621	1	0	0	0	0	0
Wading River Facility	New York	7146	UGT007					
Wading River Facility	New York	7146	UGT008					
Wading River Facility	New York	7146	UGT009					
Wading River Facility	New York	7146	UGT013					
West Babylon Facility	New York	2521	UGT001					
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0		0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0		0	0	0
Ashtabula	Ohio	2835	7	2,602	3,558	4,176	5,589	6,655
Avon Lake Power Plant	Ohio	2836	10	5,039	2,765	4,748	4,782	6,553
Avon Lake Power Plant	Ohio	2836	12	30,968	25,594	37,774	38,697	32,219
Avon Lake Power Plant	Ohio	2836	CT10					
Bay Shore	Ohio	2878	1	2,550	2,807	2,686	3,015	2,594
Bay Shore	Ohio	2878	2	2,390	1,964	3,072	3,139	3,019
Bay Shore	Ohio	2878	3	2,483	2,360	2,944	3,357	3,078

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns V - AC		
Shoreham Energy	New York	55787	CT01	3	1	2	4		
Shoreham Energy	New York	55787	CT02	3	1	2	4		
Sterling Power Plant	New York	50744	00001	0	0	0	0		
Syracuse Energy Corporation	New York	50651	BLR1		513	319	513		
Syracuse Energy Corporation	New York	50651	BLR2		638	502	638		
Syracuse Energy Corporation	New York	50651	BLR3		281	585	585		
Syracuse Energy Corporation	New York	50651	BLR4		372	352	372		
Syracuse Energy Corporation	New York	50651	BLR5		354	330	354		
Vernon Boulevard	New York	7909	VB01	0	0	0	0		
Vernon Boulevard	New York	7909	VB02	0	0	0	0		
WPS Beaver Falls Generation, LLC	New York	10617	1		0	0	0		
WPS Syracuse Generation, LLC	New York	10621	1	0	0	0	0		
Wading River Facility	New York	7146	UGT007		24	35	35		
Wading River Facility	New York	7146	UGT008		24	33	33		
Wading River Facility	New York	7146	UGT009		27	33	33		
Wading River Facility	New York	7146	UGT013		3	9	9		
West Babylon Facility	New York	2521	UGT001		1	3	3		
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	0	0		
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0	0		
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	0	0		
Ashtabula	Ohio	2835	7	3,850	4,955	5,029	6,655		
Avon Lake Power Plant	Ohio	2836	10	2,015	658	1,007	6,553		
Avon Lake Power Plant	Ohio	2836	12	20,583	36,503	34,481	38,697		
Avon Lake Power Plant	Ohio	2836	CT10		0	1	1		
Bay Shore	Ohio	2878	1	2,710	2,130	2,455	3,015		
Bay Shore	Ohio	2878	2	2,857	868	2,332	3,139		
Bay Shore	Ohio	2878	3	2,935	1,829	2,932	3,357		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Shoreham Energy	New York	55787	CT01					2	1
Shoreham Energy	New York	55787	CT02					2	1
Sterling Power Plant	New York	50744	00001					9	4
Syracuse Energy Corporation	New York	50651	BLR1					337	271
Syracuse Energy Corporation	New York	50651	BLR2					310	247
Syracuse Energy Corporation	New York	50651	BLR3					305	205
Syracuse Energy Corporation	New York	50651	BLR4					190	202
Syracuse Energy Corporation	New York	50651	BLR5					223	209
Vernon Boulevard	New York	7909	VB01					2	3
Vernon Boulevard	New York	7909	VB02					3	3
WPS Beaver Falls Generation, LLC	New York	10617	1					6	1
WPS Syracuse Generation, LLC	New York	10621	1					3	6
Wading River Facility	New York	7146	UGT007					159	135
Wading River Facility	New York	7146	UGT008					279	85
Wading River Facility	New York	7146	UGT009					189	101
Wading River Facility	New York	7146	UGT013					17	5
West Babylon Facility	New York	2521	UGT001					20	7
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1					0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1					0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1					0	
Ashtabula	Ohio	2835	7					1,739	1,499
Avon Lake Power Plant	Ohio	2836	10					1,047	443
Avon Lake Power Plant	Ohio	2836	12					13,299	5,347
Avon Lake Power Plant	Ohio	2836	CT10					6	7
Bay Shore	Ohio	2878	1					647	530
Bay Shore	Ohio	2878	2					2,141	1,362
Bay Shore	Ohio	2878	3					2,142	1,530

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Shoreham Energy	New York	55787	CT01	3	1	3	2	1
Shoreham Energy	New York	55787	CT02	2	1	3	2	1
Sterling Power Plant	New York	50744	00001	27	6	4	2	4
Syracuse Energy Corporation	New York	50651	BLR1	107	178	258	254	169
Syracuse Energy Corporation	New York	50651	BLR2	102	161	257	263	217
Syracuse Energy Corporation	New York	50651	BLR3	184	205	223	236	84
Syracuse Energy Corporation	New York	50651	BLR4	175	161	142	179	119
Syracuse Energy Corporation	New York	50651	BLR5	175	199	157	151	122
Vernon Boulevard	New York	7909	VB01	3	3	3	3	1
Vernon Boulevard	New York	7909	VB02	3	3	3	4	1
WPS Beaver Falls Generation, LLC	New York	10617	1	2		7	2	5
WPS Syracuse Generation, LLC	New York	10621	1	3	8	10	7	9
Wading River Facility	New York	7146	UGT007	76	25	54	42	19
Wading River Facility	New York	7146	UGT008	114	31	59	49	23
Wading River Facility	New York	7146	UGT009	73	41	54	57	27
Wading River Facility	New York	7146	UGT013	16	14	6	4	4
West Babylon Facility	New York	2521	UGT001	12	9	5	11	2
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	2	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	0	0	0
Ashtabula	Ohio	2835	7	1,599	1,613	1,626	1,463	1,016
Avon Lake Power Plant	Ohio	2836	10	683	797	862	482	98
Avon Lake Power Plant	Ohio	2836	12	6,196	5,504	4,953	5,088	5,014
Avon Lake Power Plant	Ohio	2836	CT10	8	8	6	0	0
Bay Shore	Ohio	2878	1	678	737	738	986	771
Bay Shore	Ohio	2878	2	1,705	1,745	1,972	1,821	552
Bay Shore	Ohio	2878	3	1,613	1,851	1,974	1,838	896

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Shoreham Energy	New York	55787	CT01	2	3				
Shoreham Energy	New York	55787	CT02	2	3				
Sterling Power Plant	New York	50744	00001	6	27				
Syracuse Energy Corporation	New York	50651	BLR1	114	337				
Syracuse Energy Corporation	New York	50651	BLR2	183	310				
Syracuse Energy Corporation	New York	50651	BLR3	213	305				
Syracuse Energy Corporation	New York	50651	BLR4	127	202				
Syracuse Energy Corporation	New York	50651	BLR5	122	223				
Vernon Boulevard	New York	7909	VB01	2	3				
Vernon Boulevard	New York	7909	VB02	2	4				
WPS Beaver Falls Generation, LLC	New York	10617	1	2	7				
WPS Syracuse Generation, LLC	New York	10621	1	2	10				
Wading River Facility	New York	7146	UGT007	26	159				
Wading River Facility	New York	7146	UGT008	33	279				
Wading River Facility	New York	7146	UGT009	31	189				
Wading River Facility	New York	7146	UGT013	11	17				
West Babylon Facility	New York	2521	UGT001	8	20				
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	2				
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0				
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0				
Ashtabula	Ohio	2835	7	1,425	1,739				
Avon Lake Power Plant	Ohio	2836	10	129	1,047				
Avon Lake Power Plant	Ohio	2836	12	4,974	13,299				
Avon Lake Power Plant	Ohio	2836	CT10	2	8				
Bay Shore	Ohio	2878	1	1,021	1,021				
Bay Shore	Ohio	2878	2	1,400	2,141				
Bay Shore	Ohio	2878	3	1,705	2,142				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Shoreham Energy	New York	55787	CT01			4	4
Shoreham Energy	New York	55787	CT02			4	4
Sterling Power Plant	New York	50744	00001			0	0
Syracuse Energy Corporation	New York	50651	BLR1			138	138
Syracuse Energy Corporation	New York	50651	BLR2			141	141
Syracuse Energy Corporation	New York	50651	BLR3			132	132
Syracuse Energy Corporation	New York	50651	BLR4			96	96
Syracuse Energy Corporation	New York	50651	BLR5			101	101
Vernon Boulevard	New York	7909	VB01			0	0
Vernon Boulevard	New York	7909	VB02			0	0
WPS Beaver Falls Generation, LLC	New York	10617	1			0	0
WPS Syracuse Generation, LLC	New York	10621	1			0	0
Wading River Facility	New York	7146	UGT007			35	35
Wading River Facility	New York	7146	UGT008			33	33
Wading River Facility	New York	7146	UGT009			33	33
Wading River Facility	New York	7146	UGT013			4	4
West Babylon Facility	New York	2521	UGT001			3	3
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1			0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1			0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1			0	0
Ashtabula	Ohio	2835	7			3,767	3,820
Avon Lake Power Plant	Ohio	2836	10			799	811
Avon Lake Power Plant	Ohio	2836	12			6,692	6,786
Avon Lake Power Plant	Ohio	2836	CT10			1	1
Bay Shore	Ohio	2878	1			3,015	3,015
Bay Shore	Ohio	2878	2			2,180	2,211
Bay Shore	Ohio	2878	3			2,267	2,299

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Shoreham Energy	New York	55787	CT01	4	4	4	4
Shoreham Energy	New York	55787	CT02	4	4	4	4
Sterling Power Plant	New York	50744	00001	0	0	0	0
Syracuse Energy Corporation	New York	50651	BLR1	101	101	101	101
Syracuse Energy Corporation	New York	50651	BLR2	103	103	103	103
Syracuse Energy Corporation	New York	50651	BLR3	96	96	96	96
Syracuse Energy Corporation	New York	50651	BLR4	70	70	70	70
Syracuse Energy Corporation	New York	50651	BLR5	73	73	73	73
Vernon Boulevard	New York	7909	VB01	0	0	0	0
Vernon Boulevard	New York	7909	VB02	0	0	0	0
WPS Beaver Falls Generation, LLC	New York	10617	1	0	0	0	0
WPS Syracuse Generation, LLC	New York	10621	1	0	0	0	0
Wading River Facility	New York	7146	UGT007	27	27	27	27
Wading River Facility	New York	7146	UGT008	28	28	28	28
Wading River Facility	New York	7146	UGT009	29	29	29	29
Wading River Facility	New York	7146	UGT013	3	3	3	3
West Babylon Facility	New York	2521	UGT001	2	2	2	2
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	0	0
Ashtabula	Ohio	2835	7	1,682	1,682	1,682	1,682
Avon Lake Power Plant	Ohio	2836	10	357	357	357	357
Avon Lake Power Plant	Ohio	2836	12	2,988	2,988	2,988	2,988
Avon Lake Power Plant	Ohio	2836	CT10	1	1	1	1
Bay Shore	Ohio	2878	1	1,508	1,508	1,508	1,508
Bay Shore	Ohio	2878	2	973	973	973	973
Bay Shore	Ohio	2878	3	1,012	1,012	1,012	1,012

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Shoreham Energy	New York	55787	CT01	3	3	3	3
Shoreham Energy	New York	55787	CT02	3	3	3	3
Sterling Power Plant	New York	50744	00001	4	4	4	4
Syracuse Energy Corporation	New York	50651	BLR1	60	60	60	60
Syracuse Energy Corporation	New York	50651	BLR2	61	61	61	61
Syracuse Energy Corporation	New York	50651	BLR3	57	57	57	57
Syracuse Energy Corporation	New York	50651	BLR4	41	41	41	41
Syracuse Energy Corporation	New York	50651	BLR5	43	43	43	43
Vernon Boulevard	New York	7909	VB01	3	3	3	3
Vernon Boulevard	New York	7909	VB02	4	4	4	4
WPS Beaver Falls Generation, LLC	New York	10617	1	7	7	7	7
WPS Syracuse Generation, LLC	New York	10621	1	10	10	10	10
Wading River Facility	New York	7146	UGT007	16	16	16	16
Wading River Facility	New York	7146	UGT008	17	17	17	17
Wading River Facility	New York	7146	UGT009	17	17	17	17
Wading River Facility	New York	7146	UGT013	2	2	2	2
West Babylon Facility	New York	2521	UGT001	1	1	1	1
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	0	0
Ashtabula	Ohio	2835	7	1,106	1,120	1,058	1,058
Avon Lake Power Plant	Ohio	2836	10	235	238	225	225
Avon Lake Power Plant	Ohio	2836	12	1,966	1,989	1,880	1,880
Avon Lake Power Plant	Ohio	2836	CT10	1	1	1	1
Bay Shore	Ohio	2878	1	992	1,004	949	949
Bay Shore	Ohio	2878	2	640	648	613	613
Bay Shore	Ohio	2878	3	666	674	637	637

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Shoreham Energy	New York	55787	CT01	3	3	82,291	149,652	169,850
Shoreham Energy	New York	55787	CT02	3	3	74,833	123,314	175,158
Sterling Power Plant	New York	50744	00001	4	4	55,455	37,627	22,622
Syracuse Energy Corporation	New York	50651	BLR1	60	60	598,066	626,780	573,690
Syracuse Energy Corporation	New York	50651	BLR2	61	61	487,971	668,490	617,003
Syracuse Energy Corporation	New York	50651	BLR3	57	57	494,311	654,209	524,238
Syracuse Energy Corporation	New York	50651	BLR4	41	41	388,885	413,802	430,345
Syracuse Energy Corporation	New York	50651	BLR5	43	43	495,125	472,091	392,293
Vernon Boulevard	New York	7909	VB01	3	3	309,023	369,475	444,373
Vernon Boulevard	New York	7909	VB02	4	4	356,488	364,271	458,590
WPS Beaver Falls Generation, LLC	New York	10617	1	7	7		381,569	93,573
WPS Syracuse Generation, LLC	New York	10621	1	10	10	419,501	262,749	98,626
Wading River Facility	New York	7146	UGT007	16	16	171,089	251,051	378,007
Wading River Facility	New York	7146	UGT008	17	17	226,753	289,404	352,400
Wading River Facility	New York	7146	UGT009	17	17	199,716	320,369	359,435
Wading River Facility	New York	7146	UGT013	2	2	48,906	10,526	13,964
West Babylon Facility	New York	2521	UGT001	1	1	33,560	14,812	30,170
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	4,159	5,946	3,438
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	7,009	3,810	1,058
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	3,110	4,747	6,064
Ashtabula	Ohio	2835	7	1,058	1,058	8,003,208	6,811,777	5,539,287
Avon Lake Power Plant	Ohio	2836	10	225	225	1,533,976	1,967,357	695,059
Avon Lake Power Plant	Ohio	2836	12	1,880	1,880	12,906,289	11,718,166	8,765,097
Avon Lake Power Plant	Ohio	2836	CT10	1	1	13,525	10,647	277
Bay Shore	Ohio	2878	1	949	949	5,931,761	5,594,728	5,723,754
Bay Shore	Ohio	2878	2	613	613	4,112,618	4,057,669	4,151,315
Bay Shore	Ohio	2878	3	637	637	4,476,688	4,056,237	3,929,626

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Shoreham Energy	New York	55787	CT01	82,426	148,040	155,847	338,914,478	0.000460
Shoreham Energy	New York	55787	CT02	81,161	142,475	146,982	338,914,478	0.000434
Sterling Power Plant	New York	50744	00001	56,761	97,190	69,802	338,914,478	0.000206
Syracuse Energy Corporation	New York	50651	BLR1	388,015	219,219	599,512	338,914,478	0.001769
Syracuse Energy Corporation	New York	50651	BLR2	538,717	417,208	608,070	338,914,478	0.001794
Syracuse Energy Corporation	New York	50651	BLR3	81,572	493,398	557,586	338,914,478	0.001645
Syracuse Energy Corporation	New York	50651	BLR4	240,329	244,854	411,011	338,914,478	0.001213
Syracuse Energy Corporation	New York	50651	BLR5	345,323	353,527	453,170	338,914,478	0.001337
Vernon Boulevard	New York	7909	VB01	45,607	256,618	374,290	338,914,478	0.001104
Vernon Boulevard	New York	7909	VB02	49,372	217,737	393,116	338,914,478	0.001160
WPS Beaver Falls Generation, LLC	New York	10617	1	67,561	8,420	180,901	338,914,478	0.000534
WPS Syracuse Generation, LLC	New York	10621	1	90,248	41,856	260,292	338,914,478	0.000768
Wading River Facility	New York	7146	UGT007	157,323	292,883	307,313	338,914,478	0.000907
Wading River Facility	New York	7146	UGT008	148,375	272,440	304,748	338,914,478	0.000899
Wading River Facility	New York	7146	UGT009	168,512	274,140	317,981	338,914,478	0.000938
Wading River Facility	New York	7146	UGT013	7,228	33,946	32,272	338,914,478	0.000095
West Babylon Facility	New York	2521	UGT001	4,274	12,858	26,181	338,914,478	0.000077
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	3,320	4,906	5,004	616,903,319	0.000008
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	6,992	2,047	5,937	616,903,319	0.000010
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	3,608	4,231	5,014	616,903,319	0.000008
Ashtabula	Ohio	2835	7	619,717	4,093,217	6,784,757	616,903,319	0.010998
Avon Lake Power Plant	Ohio	2836	10	143,164	499,545	1,398,798	616,903,319	0.002267
Avon Lake Power Plant	Ohio	2836	12	11,519,168	11,637,384	12,087,279	616,903,319	0.019593
Avon Lake Power Plant	Ohio	2836	CT10	533	3,575	9,249	616,903,319	0.000015
Bay Shore	Ohio	2878	1	5,794,952	6,548,618	6,091,777	616,903,319	0.009875
Bay Shore	Ohio	2878	2	1,150,865	3,341,902	4,107,201	616,903,319	0.006658
Bay Shore	Ohio	2878	3	2,004,090	3,853,970	4,154,184	616,903,319	0.006734

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
Calculation						Column BS x column BT	Column BS x column BU		
Shoreham Energy	New York	55787	CT01	10,162	10,162	5	5	2	1
Shoreham Energy	New York	55787	CT02	10,162	10,162	4	4	2	1
Sterling Power Plant	New York	50744	00001	10,162	10,162	2	2	8	2
Syracuse Energy Corporation	New York	50651	BLR1	10,162	10,162	18	18	123	105
Syracuse Energy Corporation	New York	50651	BLR2	10,162	10,162	18	18	114	94
Syracuse Energy Corporation	New York	50651	BLR3	10,162	10,162	17	17	110	78
Syracuse Energy Corporation	New York	50651	BLR4	10,162	10,162	12	12	72	79
Syracuse Energy Corporation	New York	50651	BLR5	10,162	10,162	14	14	75	70
Vernon Boulevard	New York	7909	VB01	10,162	10,162	11	11	1	1
Vernon Boulevard	New York	7909	VB02	10,162	10,162	12	12	1	1
WPS Beaver Falls Generation, LLC	New York	10617	1	10,162	10,162	5	5	4	1
WPS Syracuse Generation, LLC	New York	10621	1	10,162	10,162	8	8	1	3
Wading River Facility	New York	7146	UGT007	10,162	10,162	9	9	107	58
Wading River Facility	New York	7146	UGT008	10,162	10,162	9	9	97	33
Wading River Facility	New York	7146	UGT009	10,162	10,162	10	10	106	31
Wading River Facility	New York	7146	UGT013	10,162	10,162	1	1	17	4
West Babylon Facility	New York	2521	UGT001	10,162	10,162	1	1	20	7
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	40,458	38,233	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	40,458	38,233	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	40,458	38,233	0	0	0	0
Ashtabula	Ohio	2835	7	40,458	38,233	445	420	758	516
Avon Lake Power Plant	Ohio	2836	10	40,458	38,233	92	87	452	188
Avon Lake Power Plant	Ohio	2836	12	40,458	38,233	793	749	5,964	2,246
Avon Lake Power Plant	Ohio	2836	CT10	40,458	38,233	1	1	6	7
Bay Shore	Ohio	2878	1	40,458	38,233	400	378	210	173
Bay Shore	Ohio	2878	2	40,458	38,233	269	255	951	452
Bay Shore	Ohio	2878	3	40,458	38,233	272	257	831	495

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Shoreham Energy	New York	55787	CT01	2	1	2	2	1	2
Shoreham Energy	New York	55787	CT02	2	1	2	2	1	2
Sterling Power Plant	New York	50744	00001	21	3	2	2	3	5
Syracuse Energy Corporation	New York	50651	BLR1	56	87	106	102	68	39
Syracuse Energy Corporation	New York	50651	BLR2	47	74	113	111	96	75
Syracuse Energy Corporation	New York	50651	BLR3	78	72	111	95	13	89
Syracuse Energy Corporation	New York	50651	BLR4	71	61	70	77	42	44
Syracuse Energy Corporation	New York	50651	BLR5	73	76	80	71	62	64
Vernon Boulevard	New York	7909	VB01	2	2	2	2	0	1
Vernon Boulevard	New York	7909	VB02	2	2	2	2	0	1
WPS Beaver Falls Generation, LLC	New York	10617	1	1		6	2	1	0
WPS Syracuse Generation, LLC	New York	10621	1		6	4	3	6	2
Wading River Facility	New York	7146	UGT007	47	23	36	40	14	25
Wading River Facility	New York	7146	UGT008	56	28	35	47	18	32
Wading River Facility	New York	7146	UGT009	43	25	39	48	21	29
Wading River Facility	New York	7146	UGT013	12	13	3	4	2	11
West Babylon Facility	New York	2521	UGT001	7	9	4	9	1	4
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	1	0	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	0	0	0	0
Ashtabula	Ohio	2835	7	525	656	814	710	96	393
Avon Lake Power Plant	Ohio	2836	10	317	367	356	138	25	87
Avon Lake Power Plant	Ohio	2836	12	2,375	2,059	2,396	1,555	1,836	2,259
Avon Lake Power Plant	Ohio	2836	CT10	8	8	6	0	0	2
Bay Shore	Ohio	2878	1	244	276	365	353	319	393
Bay Shore	Ohio	2878	2	695	725	818	786	245	716
Bay Shore	Ohio	2878	3	587	775	805	739	313	812

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Shoreham Energy	New York	55787	CT01	2					
Shoreham Energy	New York	55787	CT02	2					
Sterling Power Plant	New York	50744	00001	21					
Syracuse Energy Corporation	New York	50651	BLR1	123					
Syracuse Energy Corporation	New York	50651	BLR2	114					
Syracuse Energy Corporation	New York	50651	BLR3	111					
Syracuse Energy Corporation	New York	50651	BLR4	79					
Syracuse Energy Corporation	New York	50651	BLR5	80					
Vernon Boulevard	New York	7909	VB01	2					
Vernon Boulevard	New York	7909	VB02	2					
WPS Beaver Falls Generation, LLC	New York	10617	1	6					
WPS Syracuse Generation, LLC	New York	10621	1	6					
Wading River Facility	New York	7146	UGT007	107					
Wading River Facility	New York	7146	UGT008	97					
Wading River Facility	New York	7146	UGT009	106					
Wading River Facility	New York	7146	UGT013	17					
West Babylon Facility	New York	2521	UGT001	20					
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	1					
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0					
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0					
Ashtabula	Ohio	2835	7	814					
Avon Lake Power Plant	Ohio	2836	10	452					
Avon Lake Power Plant	Ohio	2836	12	5,964					
Avon Lake Power Plant	Ohio	2836	CT10	8					
Bay Shore	Ohio	2878	1	393					
Bay Shore	Ohio	2878	2	951					
Bay Shore	Ohio	2878	3	831					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Shoreham Energy	New York	55787	CT01			2	2
Shoreham Energy	New York	55787	CT02			2	2
Sterling Power Plant	New York	50744	00001			3	3
Syracuse Energy Corporation	New York	50651	BLR1			26	26
Syracuse Energy Corporation	New York	50651	BLR2			26	26
Syracuse Energy Corporation	New York	50651	BLR3			24	24
Syracuse Energy Corporation	New York	50651	BLR4			18	18
Syracuse Energy Corporation	New York	50651	BLR5			19	19
Vernon Boulevard	New York	7909	VB01			2	2
Vernon Boulevard	New York	7909	VB02			2	2
WPS Beaver Falls Generation, LLC	New York	10617	1			6	6
WPS Syracuse Generation, LLC	New York	10621	1			6	6
Wading River Facility	New York	7146	UGT007			13	13
Wading River Facility	New York	7146	UGT008			13	13
Wading River Facility	New York	7146	UGT009			14	14
Wading River Facility	New York	7146	UGT013			1	1
West Babylon Facility	New York	2521	UGT001			1	1
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1			0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1			0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1			0	0
Ashtabula	Ohio	2835	7			471	478
Avon Lake Power Plant	Ohio	2836	10			97	99
Avon Lake Power Plant	Ohio	2836	12			840	852
Avon Lake Power Plant	Ohio	2836	CT10			1	1
Bay Shore	Ohio	2878	1			393	393
Bay Shore	Ohio	2878	2			285	289
Bay Shore	Ohio	2878	3			289	293

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Shoreham Energy	New York	55787	CT01	2	2	2	2
Shoreham Energy	New York	55787	CT02	2	2	2	2
Sterling Power Plant	New York	50744	00001	3	3	3	3
Syracuse Energy Corporation	New York	50651	BLR1	26	26	26	26
Syracuse Energy Corporation	New York	50651	BLR2	26	26	26	26
Syracuse Energy Corporation	New York	50651	BLR3	24	24	24	24
Syracuse Energy Corporation	New York	50651	BLR4	18	18	18	18
Syracuse Energy Corporation	New York	50651	BLR5	19	19	19	19
Vernon Boulevard	New York	7909	VB01	2	2	2	2
Vernon Boulevard	New York	7909	VB02	2	2	2	2
WPS Beaver Falls Generation, LLC	New York	10617	1	6	6	6	6
WPS Syracuse Generation, LLC	New York	10621	1	6	6	6	6
Wading River Facility	New York	7146	UGT007	13	13	13	13
Wading River Facility	New York	7146	UGT008	13	13	13	13
Wading River Facility	New York	7146	UGT009	14	14	14	14
Wading River Facility	New York	7146	UGT013	1	1	1	1
West Babylon Facility	New York	2521	UGT001	1	1	1	1
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	0	0	0	0
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	0	0	0	0
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	0	0	0	0
Ashtabula	Ohio	2835	7	448	448	448	448
Avon Lake Power Plant	Ohio	2836	10	92	92	92	92
Avon Lake Power Plant	Ohio	2836	12	798	798	798	798
Avon Lake Power Plant	Ohio	2836	CT10	1	1	1	1
Bay Shore	Ohio	2878	1	393	393	393	393
Bay Shore	Ohio	2878	2	271	271	271	271
Bay Shore	Ohio	2878	3	274	274	274	274

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Shoreham Energy	New York	55787	CT01	Y	Y		Y		
Shoreham Energy	New York	55787	CT02	Y	Y		Y		
Sterling Power Plant	New York	50744	00001	Y	Y		Y		
Syracuse Energy Corporation	New York	50651	BLR1	Y	Y		Y		
Syracuse Energy Corporation	New York	50651	BLR2	Y	Y		Y		
Syracuse Energy Corporation	New York	50651	BLR3	Y	Y		Y		
Syracuse Energy Corporation	New York	50651	BLR4	Y	Y		Y		
Syracuse Energy Corporation	New York	50651	BLR5	Y	Y		Y		
Vernon Boulevard	New York	7909	VB01	Y	Y		Y		
Vernon Boulevard	New York	7909	VB02	Y	Y		Y		
WPS Beaver Falls Generation, LLC	New York	10617	1	Y	Y		Y		
WPS Syracuse Generation, LLC	New York	10621	1	Y	Y		Y		
Wading River Facility	New York	7146	UGT007	Y	Y		Y		
Wading River Facility	New York	7146	UGT008	Y	Y		Y		
Wading River Facility	New York	7146	UGT009	Y	Y		Y		
Wading River Facility	New York	7146	UGT013	Y	Y		Y		
West Babylon Facility	New York	2521	UGT001	Y	Y		Y		
AMP-Ohio Gas Turbines Bowling Green	Ohio	55262	CT1	Y	Y		Y		
AMP-Ohio Gas Turbines Galion	Ohio	55263	CT1	Y	Y		Y		
AMP-Ohio Gas Turbines Napoleon	Ohio	55264	CT1	Y	Y		Y		
Ashtabula	Ohio	2835	7	Y	Y		Y		
Avon Lake Power Plant	Ohio	2836	10	Y	Y		Y		
Avon Lake Power Plant	Ohio	2836	12	Y	Y		Y		
Avon Lake Power Plant	Ohio	2836	CT10	Y	Y		Y		
Bay Shore	Ohio	2878	1	Y	Y		Y		
Bay Shore	Ohio	2878	2	Y	Y		Y		
Bay Shore	Ohio	2878	3	Y	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Bay Shore	Ohio	2878	4	1987	17,544,350	14,271,946	14,679,922	9,674,865	11,495,596
Cardinal	Ohio	2828	1	1883	31,028,035	29,305,347	29,626,743	32,906,487	33,791,587
Cardinal	Ohio	2828	2	1884	36,636,142	29,398,620	35,523,516	27,521,683	24,979,145
Cardinal	Ohio	2828	3	1885	39,408,868	44,597,075	33,384,325	43,351,427	37,871,602
Conesville	Ohio	2840	3	1920	5,002,365	6,683,884	8,195,881	4,929,771	5,743,176
Conesville	Ohio	2840	4	1921	38,915,110	44,885,034	36,844,643	20,260,274	25,123,658
Conesville	Ohio	2840	5	1922	22,834,171	28,730,364	31,309,228	18,578,189	17,243,322
Conesville	Ohio	2840	6	1923	25,441,528	27,931,487	24,420,828	22,319,625	19,001,793
Darby Electric Generating Station	Ohio	55247	CT1	4313	61,471	178,619	61,234	27,208	89,886
Darby Electric Generating Station	Ohio	55247	CT2	4314	63,675	173,439	61,261	25,401	89,724
Darby Electric Generating Station	Ohio	55247	CT3	4315	56,322	187,199	44,825	30,596	105,706
Darby Electric Generating Station	Ohio	55247	CT4	4316	50,983	190,603	58,829	25,788	90,746
Darby Electric Generating Station	Ohio	55247	CT5	4317	42,158	175,804	42,643	37,716	18,194
Darby Electric Generating Station	Ohio	55247	CT6	4318	43,453	177,423	50,719	28,357	85,416
Dicks Creek Station	Ohio	2831	1	9185	16,740			19,207	1,919
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	9079	1,972,459	3,662,116	2,769,034	4,803,989	7,217,669
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	9080	1,839,064	3,583,019	3,055,214	4,584,381	7,176,409
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	9081	2,039,300	3,104,039	2,593,908	4,858,933	6,228,896
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	9082	1,861,861	2,732,579	2,311,930	4,737,733	5,654,051
Duke Energy Washington, II LLC	Ohio	55397	CT1	9212	1,567,759	2,712,728	1,210,803	4,279,532	6,456,461
Duke Energy Washington, II LLC	Ohio	55397	CT2	9213	1,426,863	2,614,535	1,368,370	4,690,723	6,664,085
Eastlake	Ohio	2837	1	1908	6,610,984	8,124,743	7,917,467	6,738,459	8,013,469
Eastlake	Ohio	2837	2	1909	9,582,228	8,785,640	7,885,379	3,565,648	5,870,087
Eastlake	Ohio	2837	3	1910	8,606,980	8,834,903	8,011,268	3,381,556	5,243,229
Eastlake	Ohio	2837	4	1911	17,644,289	16,831,958	14,865,439	8,481,018	10,644,754
Eastlake	Ohio	2837	5	1912	42,648,146	34,014,903	35,179,791	27,935,909	31,735,224
Eastlake	Ohio	2837	6	10209	22,560	16,800	10,560	11,520	20,640

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Bay Shore	Ohio	2878	4	15,498,739	1,419,359,736	0.010920	309,085	139,395
Cardinal	Ohio	2828	1	32,575,370	1,419,359,736	0.022951	309,085	139,395
Cardinal	Ohio	2828	2	33,852,759	1,419,359,736	0.023851	309,085	139,395
Cardinal	Ohio	2828	3	42,452,457	1,419,359,736	0.029910	309,085	139,395
Conesville	Ohio	2840	3	6,874,314	1,419,359,736	0.004843	309,085	139,395
Conesville	Ohio	2840	4	40,214,929	1,419,359,736	0.028333	309,085	139,395
Conesville	Ohio	2840	5	27,624,588	1,419,359,736	0.019463	309,085	139,395
Conesville	Ohio	2840	6	25,931,281	1,419,359,736	0.018270	309,085	139,395
Darby Electric Generating Station	Ohio	55247	CT1	109,992	1,419,359,736	0.000077	309,085	139,395
Darby Electric Generating Station	Ohio	55247	CT2	108,946	1,419,359,736	0.000077	309,085	139,395
Darby Electric Generating Station	Ohio	55247	CT3	116,409	1,419,359,736	0.000082	309,085	139,395
Darby Electric Generating Station	Ohio	55247	CT4	113,393	1,419,359,736	0.000080	309,085	139,395
Darby Electric Generating Station	Ohio	55247	CT5	86,868	1,419,359,736	0.000061	309,085	139,395
Darby Electric Generating Station	Ohio	55247	CT6	104,519	1,419,359,736	0.000074	309,085	139,395
Dicks Creek Station	Ohio	2831	1	12,622	1,419,359,736	0.000009	309,085	139,395
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	5,227,924	1,419,359,736	0.003683	309,085	139,395
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	5,114,603	1,419,359,736	0.003603	309,085	139,395
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	4,730,623	1,419,359,736	0.003333	309,085	139,395
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	4,374,788	1,419,359,736	0.003082	309,085	139,395
Duke Energy Washington, II LLC	Ohio	55397	CT1	4,482,907	1,419,359,736	0.003158	309,085	139,395
Duke Energy Washington, II LLC	Ohio	55397	CT2	4,656,448	1,419,359,736	0.003281	309,085	139,395
Eastlake	Ohio	2837	1	8,018,560	1,419,359,736	0.005649	309,085	139,395
Eastlake	Ohio	2837	2	8,751,082	1,419,359,736	0.006166	309,085	139,395
Eastlake	Ohio	2837	3	8,484,384	1,419,359,736	0.005978	309,085	139,395
Eastlake	Ohio	2837	4	16,447,229	1,419,359,736	0.011588	309,085	139,395
Eastlake	Ohio	2837	5	37,280,947	1,419,359,736	0.026266	309,085	139,395
Eastlake	Ohio	2837	6	20,000	1,419,359,736	0.000014	309,085	139,395

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Bay Shore	Ohio	2878	4	93,559	88,453	3,375	1,522	1,022	966
Cardinal	Ohio	2828	1	93,559	88,453	7,094	3,199	2,147	2,030
Cardinal	Ohio	2828	2	93,559	88,453	7,372	3,325	2,231	2,110
Cardinal	Ohio	2828	3	93,559	88,453	9,245	4,169	2,798	2,646
Conesville	Ohio	2840	3	93,559	88,453	1,497	675	453	428
Conesville	Ohio	2840	4	93,559	88,453	8,757	3,949	2,651	2,506
Conesville	Ohio	2840	5	93,559	88,453	6,016	2,713	1,821	1,722
Conesville	Ohio	2840	6	93,559	88,453	5,647	2,547	1,709	1,616
Darby Electric Generating Station	Ohio	55247	CT1	93,559	88,453	24	11	7	7
Darby Electric Generating Station	Ohio	55247	CT2	93,559	88,453	24	11	7	7
Darby Electric Generating Station	Ohio	55247	CT3	93,559	88,453	25	11	8	7
Darby Electric Generating Station	Ohio	55247	CT4	93,559	88,453	25	11	7	7
Darby Electric Generating Station	Ohio	55247	CT5	93,559	88,453	19	9	6	5
Darby Electric Generating Station	Ohio	55247	CT6	93,559	88,453	23	10	7	7
Dicks Creek Station	Ohio	2831	1	93,559	88,453	3	1	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	93,559	88,453	1,138	513	345	326
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	93,559	88,453	1,114	502	337	319
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	93,559	88,453	1,030	465	312	295
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	93,559	88,453	953	430	288	273
Duke Energy Washington, II LLC	Ohio	55397	CT1	93,559	88,453	976	440	295	279
Duke Energy Washington, II LLC	Ohio	55397	CT2	93,559	88,453	1,014	457	307	290
Eastlake	Ohio	2837	1	93,559	88,453	1,746	788	529	500
Eastlake	Ohio	2837	2	93,559	88,453	1,906	859	577	545
Eastlake	Ohio	2837	3	93,559	88,453	1,848	833	559	529
Eastlake	Ohio	2837	4	93,559	88,453	3,582	1,615	1,084	1,025
Eastlake	Ohio	2837	5	93,559	88,453	8,118	3,661	2,457	2,323
Eastlake	Ohio	2837	6	93,559	88,453	4	2	1	1

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Bay Shore	Ohio	2878	4	3,162	3,134	5,333	5,697	4,515
Cardinal	Ohio	2828	1	52,481	44,294	46,714	37,115	36,779
Cardinal	Ohio	2828	2	21,148	28,733	41,530	24,445	17,685
Cardinal	Ohio	2828	3	23,299	27,107	27,604	25,320	26,824
Conesville	Ohio	2840	3	15,339	13,074	13,142	9,195	13,234
Conesville	Ohio	2840	4	83,558	47,874	80,981	71,923	92,626
Conesville	Ohio	2840	5	4,568	6,780	5,933	4,294	3,864
Conesville	Ohio	2840	6	6,047	7,015	4,671	5,129	4,329
Darby Electric Generating Station	Ohio	55247	CT1	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT2	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT3	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT4	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT5	0	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT6	0	0	0	0	0
Dicks Creek Station	Ohio	2831	1					
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	0	0	1	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	0	0	0	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	0	0	0	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	0	0	1	1	1
Duke Energy Washington, II LLC	Ohio	55397	CT1	0	0	0	0	1
Duke Energy Washington, II LLC	Ohio	55397	CT2	1	0	0	0	1
Eastlake	Ohio	2837	1	4,619	4,615	6,624	6,689	5,032
Eastlake	Ohio	2837	2	5,263	4,422	4,424	9,360	5,080
Eastlake	Ohio	2837	3	5,017	4,541	6,045	8,890	5,339
Eastlake	Ohio	2837	4	9,220	6,549	8,409	9,135	8,946
Eastlake	Ohio	2837	5	43,566	43,711	49,293	48,632	37,057
Eastlake	Ohio	2837	6					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Bay Shore	Ohio	2878	4	4,531	3,051	4,229	5,697		
Cardinal	Ohio	2828	1	6,832	2,688	3,806	52,481		
Cardinal	Ohio	2828	2	3,457	4,274	2,119	41,530		
Cardinal	Ohio	2828	3	22,208	27,789	26,596	27,789		
Conesville	Ohio	2840	3	15,871	10,108	11,604	15,871		
Conesville	Ohio	2840	4	72,395	12,025	1,823	92,626		
Conesville	Ohio	2840	5	2,661	1,970	1,570	6,780		
Conesville	Ohio	2840	6	2,432	2,128	1,561	7,015		
Darby Electric Generating Station	Ohio	55247	CT1	0	0	0	0		
Darby Electric Generating Station	Ohio	55247	CT2	0	0	0	0		
Darby Electric Generating Station	Ohio	55247	CT3	0	0	0	0		
Darby Electric Generating Station	Ohio	55247	CT4	0	0	0	0		
Darby Electric Generating Station	Ohio	55247	CT5	0	0	0	0		
Darby Electric Generating Station	Ohio	55247	CT6	0	0	0	0		
Dicks Creek Station	Ohio	2831	1		0	0	0		
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	1	1	2	2		
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	1	1	2	2		
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	1	1	2	2		
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	1	1	2	2		
Duke Energy Washington, II LLC	Ohio	55397	CT1	0	1	2	2		
Duke Energy Washington, II LLC	Ohio	55397	CT2	0	1	2	2		
Eastlake	Ohio	2837	1	3,434	6,135	4,755	6,689		
Eastlake	Ohio	2837	2	3,243	3,634	3,959	9,360		
Eastlake	Ohio	2837	3	3,205	2,964	3,711	8,890		
Eastlake	Ohio	2837	4	5,292	8,001	4,111	9,220		
Eastlake	Ohio	2837	5	35,711	28,128	31,527	49,293		
Eastlake	Ohio	2837	6		3	5	5		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Bay Shore	Ohio	2878	4					2,829	1,728
Cardinal	Ohio	2828	1					9,014	6,510
Cardinal	Ohio	2828	2					5,555	4,580
Cardinal	Ohio	2828	3					6,174	6,404
Conesville	Ohio	2840	3					2,166	1,847
Conesville	Ohio	2840	4					12,670	6,056
Conesville	Ohio	2840	5					3,100	4,386
Conesville	Ohio	2840	6					4,225	4,552
Darby Electric Generating Station	Ohio	55247	CT1					0	0
Darby Electric Generating Station	Ohio	55247	CT2					0	0
Darby Electric Generating Station	Ohio	55247	CT3					0	0
Darby Electric Generating Station	Ohio	55247	CT4					0	0
Darby Electric Generating Station	Ohio	55247	CT5					1	0
Darby Electric Generating Station	Ohio	55247	CT6					1	0
Dicks Creek Station	Ohio	2831	1						1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1					10	13
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2					8	12
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3					10	13
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4					7	10
Duke Energy Washington, II LLC	Ohio	55397	CT1					12	9
Duke Energy Washington, II LLC	Ohio	55397	CT2					13	9
Eastlake	Ohio	2837	1					1,222	1,048
Eastlake	Ohio	2837	2					897	798
Eastlake	Ohio	2837	3					794	763
Eastlake	Ohio	2837	4					1,619	1,315
Eastlake	Ohio	2837	5					15,519	5,147
Eastlake	Ohio	2837	6					27	3

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Bay Shore	Ohio	2878	4	2,910	3,136	2,851	2,800	1,473
Cardinal	Ohio	2828	1	4,854	4,190	4,959	4,051	562
Cardinal	Ohio	2828	2	4,529	6,243	4,853	6,399	522
Cardinal	Ohio	2828	3	6,467	6,715	5,784	6,686	880
Conesville	Ohio	2840	3	1,842	1,441	1,880	2,345	1,107
Conesville	Ohio	2840	4	9,580	7,493	8,616	8,103	3,911
Conesville	Ohio	2840	5	4,979	4,209	5,869	5,571	2,881
Conesville	Ohio	2840	6	4,287	4,718	5,841	4,428	3,426
Darby Electric Generating Station	Ohio	55247	CT1	1	1	3	1	0
Darby Electric Generating Station	Ohio	55247	CT2	1	1	3	1	0
Darby Electric Generating Station	Ohio	55247	CT3	1	1	2	1	0
Darby Electric Generating Station	Ohio	55247	CT4	1	1	2	1	0
Darby Electric Generating Station	Ohio	55247	CT5	1	1	3	1	1
Darby Electric Generating Station	Ohio	55247	CT6	1	1	3	1	1
Dicks Creek Station	Ohio	2831	1	1	2			2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	16	21	35	23	19
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	10	20	32	30	20
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	19	24	31	25	24
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	19	19	25	18	22
Duke Energy Washington, II LLC	Ohio	55397	CT1	9	16	24	8	20
Duke Energy Washington, II LLC	Ohio	55397	CT2	9	14	24	15	29
Eastlake	Ohio	2837	1	1,129	893	915	856	864
Eastlake	Ohio	2837	2	860	1,272	930	824	496
Eastlake	Ohio	2837	3	898	1,206	1,007	874	422
Eastlake	Ohio	2837	4	1,924	1,917	1,692	1,489	1,286
Eastlake	Ohio	2837	5	7,385	7,429	4,878	5,298	4,012
Eastlake	Ohio	2837	6	15	14	10	6	7

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Bay Shore	Ohio	2878	4	2,453	3,136				
Cardinal	Ohio	2828	1	654	9,014				
Cardinal	Ohio	2828	2	611	6,399				
Cardinal	Ohio	2828	3	827	6,715				
Conesville	Ohio	2840	3	1,192	2,345				
Conesville	Ohio	2840	4	827	12,670				
Conesville	Ohio	2840	5	2,752	5,869				
Conesville	Ohio	2840	6	3,026	5,841				
Darby Electric Generating Station	Ohio	55247	CT1	1	3				
Darby Electric Generating Station	Ohio	55247	CT2	1	3				
Darby Electric Generating Station	Ohio	55247	CT3	1	2				
Darby Electric Generating Station	Ohio	55247	CT4	1	2				
Darby Electric Generating Station	Ohio	55247	CT5	0	3				
Darby Electric Generating Station	Ohio	55247	CT6	1	3				
Dicks Creek Station	Ohio	2831	1	0	2				
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	35	35				
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	33	33				
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	28	31				
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	26	26				
Duke Energy Washington, II LLC	Ohio	55397	CT1	27	27				
Duke Energy Washington, II LLC	Ohio	55397	CT2	37	37				
Eastlake	Ohio	2837	1	1,057	1,222				
Eastlake	Ohio	2837	2	658	1,272				
Eastlake	Ohio	2837	3	624	1,206				
Eastlake	Ohio	2837	4	1,300	1,924				
Eastlake	Ohio	2837	5	4,434	15,519				
Eastlake	Ohio	2837	6	12	27				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Bay Shore	Ohio	2878	4			3,563	3,613
Cardinal	Ohio	2828	1			7,489	7,595
Cardinal	Ohio	2828	2			7,783	7,892
Cardinal	Ohio	2828	3			9,760	9,897
Conesville	Ohio	2840	3			1,580	1,603
Conesville	Ohio	2840	4			9,245	9,376
Conesville	Ohio	2840	5			6,351	6,440
Conesville	Ohio	2840	6			5,962	6,046
Darby Electric Generating Station	Ohio	55247	CT1			0	0
Darby Electric Generating Station	Ohio	55247	CT2			0	0
Darby Electric Generating Station	Ohio	55247	CT3			0	0
Darby Electric Generating Station	Ohio	55247	CT4			0	0
Darby Electric Generating Station	Ohio	55247	CT5			0	0
Darby Electric Generating Station	Ohio	55247	CT6			0	0
Dicks Creek Station	Ohio	2831	1			0	0
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1			2	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2			2	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3			2	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4			2	2
Duke Energy Washington, II LLC	Ohio	55397	CT1			2	2
Duke Energy Washington, II LLC	Ohio	55397	CT2			2	2
Eastlake	Ohio	2837	1			1,843	1,869
Eastlake	Ohio	2837	2			2,012	2,040
Eastlake	Ohio	2837	3			1,951	1,978
Eastlake	Ohio	2837	4			3,781	3,834
Eastlake	Ohio	2837	5			8,571	8,692
Eastlake	Ohio	2837	6			5	5

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Bay Shore	Ohio	2878	4	1,591	1,591	1,591	1,591
Cardinal	Ohio	2828	1	3,343	3,343	3,343	3,343
Cardinal	Ohio	2828	2	3,474	3,474	3,474	3,474
Cardinal	Ohio	2828	3	4,357	4,357	4,357	4,357
Conesville	Ohio	2840	3	706	706	706	706
Conesville	Ohio	2840	4	4,127	4,127	4,127	4,127
Conesville	Ohio	2840	5	2,835	2,835	2,835	2,835
Conesville	Ohio	2840	6	2,661	2,661	2,661	2,661
Darby Electric Generating Station	Ohio	55247	CT1	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT2	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT3	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT4	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT5	0	0	0	0
Darby Electric Generating Station	Ohio	55247	CT6	0	0	0	0
Dicks Creek Station	Ohio	2831	1	0	0	0	0
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	2	2	2	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	2	2	2	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	2	2	2	2
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	2	2	2	2
Duke Energy Washington, II LLC	Ohio	55397	CT1	2	2	2	2
Duke Energy Washington, II LLC	Ohio	55397	CT2	2	2	2	2
Eastlake	Ohio	2837	1	823	823	823	823
Eastlake	Ohio	2837	2	898	898	898	898
Eastlake	Ohio	2837	3	871	871	871	871
Eastlake	Ohio	2837	4	1,688	1,688	1,688	1,688
Eastlake	Ohio	2837	5	3,826	3,826	3,826	3,826
Eastlake	Ohio	2837	6	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Bay Shore	Ohio	2878	4	1,047	1,059	1,001	1,001
Cardinal	Ohio	2828	1	2,200	2,226	2,104	2,104
Cardinal	Ohio	2828	2	2,286	2,313	2,186	2,186
Cardinal	Ohio	2828	3	2,867	2,901	2,742	2,742
Conesville	Ohio	2840	3	464	470	444	444
Conesville	Ohio	2840	4	2,716	2,748	2,597	2,597
Conesville	Ohio	2840	5	1,865	1,888	1,784	1,784
Conesville	Ohio	2840	6	1,751	1,772	1,675	1,675
Darby Electric Generating Station	Ohio	55247	CT1	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT2	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT3	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT4	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT5	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT6	3	3	3	3
Dicks Creek Station	Ohio	2831	1	1	1	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	35	35	35	35
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	33	33	33	33
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	31	31	31	31
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	26	26	26	26
Duke Energy Washington, II LLC	Ohio	55397	CT1	27	27	27	27
Duke Energy Washington, II LLC	Ohio	55397	CT2	37	37	37	37
Eastlake	Ohio	2837	1	541	548	518	518
Eastlake	Ohio	2837	2	591	598	565	565
Eastlake	Ohio	2837	3	573	580	548	548
Eastlake	Ohio	2837	4	1,111	1,124	1,062	1,062
Eastlake	Ohio	2837	5	2,518	2,548	2,408	2,408
Eastlake	Ohio	2837	6	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation								
Bay Shore	Ohio	2878	4	1,001	1,001	7,546,494	6,128,332	6,402,031
Cardinal	Ohio	2828	1	2,104	2,104	15,970,885	12,617,221	15,199,784
Cardinal	Ohio	2828	2	2,186	2,186	14,435,985	13,943,862	14,844,549
Cardinal	Ohio	2828	3	2,742	2,742	13,671,694	19,671,800	12,452,646
Conesville	Ohio	2840	3	444	444	2,265,901	2,273,928	3,664,865
Conesville	Ohio	2840	4	2,597	2,597	19,005,413	19,091,495	18,833,917
Conesville	Ohio	2840	5	1,784	1,784	10,099,946	11,973,401	14,663,312
Conesville	Ohio	2840	6	1,675	1,675	10,933,050	10,874,229	9,467,249
Darby Electric Generating Station	Ohio	55247	CT1	3	3	61,471	150,805	46,222
Darby Electric Generating Station	Ohio	55247	CT2	3	3	60,563	151,703	47,070
Darby Electric Generating Station	Ohio	55247	CT3	2	2	53,605	159,280	31,747
Darby Electric Generating Station	Ohio	55247	CT4	2	2	49,697	160,640	45,764
Darby Electric Generating Station	Ohio	55247	CT5	3	3	42,158	148,942	30,689
Darby Electric Generating Station	Ohio	55247	CT6	3	3	43,453	149,662	34,134
Dicks Creek Station	Ohio	2831	1	1	1	16,740		
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	35	35	1,370,765	2,206,244	1,547,129
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	33	33	1,333,112	2,162,977	1,624,567
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	31	31	1,453,352	1,980,905	1,517,732
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	26	26	1,370,105	1,815,801	1,355,655
Duke Energy Washington, II LLC	Ohio	55397	CT1	27	27	1,123,181	1,791,189	869,122
Duke Energy Washington, II LLC	Ohio	55397	CT2	37	37	1,124,630	1,769,687	1,000,309
Eastlake	Ohio	2837	1	518	518	3,634,301	2,850,118	3,416,692
Eastlake	Ohio	2837	2	565	565	3,828,287	3,450,028	3,368,052
Eastlake	Ohio	2837	3	548	548	3,470,611	3,662,200	3,252,071
Eastlake	Ohio	2837	4	1,062	1,062	7,430,912	6,457,056	6,465,020
Eastlake	Ohio	2837	5	2,408	2,408	18,412,757	17,631,519	16,057,254
Eastlake	Ohio	2837	6	1	1	22,560	16,800	3,840

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Bay Shore	Ohio	2878	4	3,668,286	5,669,059	6,692,286	616,903,319	0.010848
Cardinal	Ohio	2828	1	11,617,762	16,248,172	15,806,280	616,903,319	0.025622
Cardinal	Ohio	2828	2	14,742,750	14,150,049	14,674,428	616,903,319	0.023787
Cardinal	Ohio	2828	3	17,811,763	18,423,601	18,635,722	616,903,319	0.030208
Conesville	Ohio	2840	3	2,426,256	2,824,094	2,971,738	616,903,319	0.004817
Conesville	Ohio	2840	4	3,442,990	9,630,958	18,976,942	616,903,319	0.030762
Conesville	Ohio	2840	5	8,988,431	8,521,593	12,245,553	616,903,319	0.019850
Conesville	Ohio	2840	6	9,300,202	9,809,082	10,538,787	616,903,319	0.017083
Darby Electric Generating Station	Ohio	55247	CT1	27,013	78,823	97,033	616,903,319	0.000157
Darby Electric Generating Station	Ohio	55247	CT2	25,229	78,784	97,017	616,903,319	0.000157
Darby Electric Generating Station	Ohio	55247	CT3	30,410	95,363	102,749	616,903,319	0.000167
Darby Electric Generating Station	Ohio	55247	CT4	25,616	86,442	98,927	616,903,319	0.000160
Darby Electric Generating Station	Ohio	55247	CT5	20,966	18,194	73,930	616,903,319	0.000120
Darby Electric Generating Station	Ohio	55247	CT6	28,270	85,416	92,844	616,903,319	0.000150
Dicks Creek Station	Ohio	2831	1	19,207	1,919	12,622	616,903,319	0.000020
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	2,536,606	3,408,094	2,716,982	616,903,319	0.004404
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	2,437,420	3,417,231	2,672,543	616,903,319	0.004332
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	2,563,346	3,342,243	2,628,831	616,903,319	0.004261
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	2,705,616	3,191,257	2,570,891	616,903,319	0.004167
Duke Energy Washington, II LLC	Ohio	55397	CT1	2,662,927	3,107,313	2,520,477	616,903,319	0.004086
Duke Energy Washington, II LLC	Ohio	55397	CT2	2,859,157	3,241,175	2,623,339	616,903,319	0.004252
Eastlake	Ohio	2837	1	2,549,292	3,380,311	3,477,101	616,903,319	0.005636
Eastlake	Ohio	2837	2	1,232,870	2,806,401	3,548,789	616,903,319	0.005753
Eastlake	Ohio	2837	3	1,367,722	2,592,161	3,461,628	616,903,319	0.005611
Eastlake	Ohio	2837	4	2,210,131	5,079,199	6,784,329	616,903,319	0.010997
Eastlake	Ohio	2837	5	14,188,811	15,549,502	17,367,177	616,903,319	0.028152
Eastlake	Ohio	2837	6	5,760	13,920	17,760	616,903,319	0.000029

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Bay Shore	Ohio	2878	4	40,458	38,233	439	415	1,773	834
Cardinal	Ohio	2828	1	40,458	38,233	1,037	980	2,764	1,029
Cardinal	Ohio	2828	2	40,458	38,233	962	909	696	470
Cardinal	Ohio	2828	3	40,458	38,233	1,222	1,155	1,069	731
Conesville	Ohio	2840	3	40,458	38,233	195	184	823	660
Conesville	Ohio	2840	4	40,458	38,233	1,245	1,176	4,794	1,903
Conesville	Ohio	2840	5	40,458	38,233	803	759	431	1,540
Conesville	Ohio	2840	6	40,458	38,233	691	653	1,384	1,604
Darby Electric Generating Station	Ohio	55247	CT1	40,458	38,233	6	6	0	0
Darby Electric Generating Station	Ohio	55247	CT2	40,458	38,233	6	6	0	0
Darby Electric Generating Station	Ohio	55247	CT3	40,458	38,233	7	6	0	0
Darby Electric Generating Station	Ohio	55247	CT4	40,458	38,233	6	6	0	0
Darby Electric Generating Station	Ohio	55247	CT5	40,458	38,233	5	5	0	0
Darby Electric Generating Station	Ohio	55247	CT6	40,458	38,233	6	6	0	0
Dicks Creek Station	Ohio	2831	1	40,458	38,233	1	1		1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	40,458	38,233	178	168	10	10
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	40,458	38,233	175	166	8	9
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	40,458	38,233	172	163	10	11
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	40,458	38,233	169	159	6	8
Duke Energy Washington, II LLC	Ohio	55397	CT1	40,458	38,233	165	156	7	7
Duke Energy Washington, II LLC	Ohio	55397	CT2	40,458	38,233	172	163	7	6
Eastlake	Ohio	2837	1	40,458	38,233	228	215	556	390
Eastlake	Ohio	2837	2	40,458	38,233	233	220	344	298
Eastlake	Ohio	2837	3	40,458	38,233	227	215	314	279
Eastlake	Ohio	2837	4	40,458	38,233	445	420	593	443
Eastlake	Ohio	2837	5	40,458	38,233	1,139	1,076	6,056	2,434
Eastlake	Ohio	2837	6	40,458	38,233	1	1	27	3

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Bay Shore	Ohio	2878	4	1,219	1,304	1,218	1,203	570	1,187
Cardinal	Ohio	2828	1	348	345	329	252	177	321
Cardinal	Ohio	2828	2	375	320	320	356	298	354
Cardinal	Ohio	2828	3	318	206	223	294	368	397
Conesville	Ohio	2840	3	649	542	591	1,038	530	624
Conesville	Ohio	2840	4	2,192	2,764	2,594	3,505	564	203
Conesville	Ohio	2840	5	1,324	1,414	1,870	2,300	1,345	1,300
Conesville	Ohio	2840	6	955	1,523	1,697	1,463	1,389	1,483
Darby Electric Generating Station	Ohio	55247	CT1	1	1	3	1	0	1
Darby Electric Generating Station	Ohio	55247	CT2	1	1	2	1	0	1
Darby Electric Generating Station	Ohio	55247	CT3	1	1	2	0	0	1
Darby Electric Generating Station	Ohio	55247	CT4	1	1	2	1	0	1
Darby Electric Generating Station	Ohio	55247	CT5	1	1	3	1	0	0
Darby Electric Generating Station	Ohio	55247	CT6	1	1	2	1	1	1
Dicks Creek Station	Ohio	2831	1	1	2			2	0
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	12	13	19	11	8	18
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	7	13	16	13	10	16
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	12	16	17	12	11	15
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	14	13	14	9	11	15
Duke Energy Washington, II LLC	Ohio	55397	CT1	7	10	13	5	13	13
Duke Energy Washington, II LLC	Ohio	55397	CT2	7	11	14	10	17	20
Eastlake	Ohio	2837	1	450	469	349	377	314	446
Eastlake	Ohio	2837	2	359	476	401	366	158	298
Eastlake	Ohio	2837	3	339	391	410	354	156	305
Eastlake	Ohio	2837	4	728	745	643	657	324	549
Eastlake	Ohio	2837	5	2,957	3,001	2,500	2,493	2,023	2,136
Eastlake	Ohio	2837	6	15	14	10	2	3	8

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Bay Shore	Ohio	2878	4	1,773					
Cardinal	Ohio	2828	1	2,764					
Cardinal	Ohio	2828	2	696					
Cardinal	Ohio	2828	3	1,069					
Conesville	Ohio	2840	3	1,038					
Conesville	Ohio	2840	4	4,794					
Conesville	Ohio	2840	5	2,300					
Conesville	Ohio	2840	6	1,697					
Darby Electric Generating Station	Ohio	55247	CT1	3					
Darby Electric Generating Station	Ohio	55247	CT2	2					
Darby Electric Generating Station	Ohio	55247	CT3	2					
Darby Electric Generating Station	Ohio	55247	CT4	2					
Darby Electric Generating Station	Ohio	55247	CT5	3					
Darby Electric Generating Station	Ohio	55247	CT6	2					
Dicks Creek Station	Ohio	2831	1	2					
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	19					
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	16					
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	17					
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	15					
Duke Energy Washington, II LLC	Ohio	55397	CT1	13					
Duke Energy Washington, II LLC	Ohio	55397	CT2	20					
Eastlake	Ohio	2837	1	556					
Eastlake	Ohio	2837	2	476					
Eastlake	Ohio	2837	3	410					
Eastlake	Ohio	2837	4	745					
Eastlake	Ohio	2837	5	6,056					
Eastlake	Ohio	2837	6	27					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Bay Shore	Ohio	2878	4			465	472
Cardinal	Ohio	2828	1			1,098	1,114
Cardinal	Ohio	2828	2			696	696
Cardinal	Ohio	2828	3			1,069	1,069
Conesville	Ohio	2840	3			207	209
Conesville	Ohio	2840	4			1,319	1,337
Conesville	Ohio	2840	5			851	863
Conesville	Ohio	2840	6			732	743
Darby Electric Generating Station	Ohio	55247	CT1			3	3
Darby Electric Generating Station	Ohio	55247	CT2			2	2
Darby Electric Generating Station	Ohio	55247	CT3			2	2
Darby Electric Generating Station	Ohio	55247	CT4			2	2
Darby Electric Generating Station	Ohio	55247	CT5			3	3
Darby Electric Generating Station	Ohio	55247	CT6			2	2
Dicks Creek Station	Ohio	2831	1			1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1			19	19
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2			16	16
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3			17	17
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4			15	15
Duke Energy Washington, II LLC	Ohio	55397	CT1			13	13
Duke Energy Washington, II LLC	Ohio	55397	CT2			20	20
Eastlake	Ohio	2837	1			242	245
Eastlake	Ohio	2837	2			247	250
Eastlake	Ohio	2837	3			241	244
Eastlake	Ohio	2837	4			471	478
Eastlake	Ohio	2837	5			1,207	1,224
Eastlake	Ohio	2837	6			1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)
Bay Shore	Ohio	2878	4	442	442	442	442
Cardinal	Ohio	2828	1	1,044	1,044	1,044	1,044
Cardinal	Ohio	2828	2	696	696	696	696
Cardinal	Ohio	2828	3	1,069	1,069	1,069	1,069
Conesville	Ohio	2840	3	196	196	196	196
Conesville	Ohio	2840	4	1,253	1,253	1,253	1,253
Conesville	Ohio	2840	5	809	809	809	809
Conesville	Ohio	2840	6	696	696	696	696
Darby Electric Generating Station	Ohio	55247	CT1	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT2	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT3	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT4	2	2	2	2
Darby Electric Generating Station	Ohio	55247	CT5	3	3	3	3
Darby Electric Generating Station	Ohio	55247	CT6	2	2	2	2
Dicks Creek Station	Ohio	2831	1	1	1	1	1
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	19	19	19	19
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	16	16	16	16
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	17	17	17	17
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	15	15	15	15
Duke Energy Washington, II LLC	Ohio	55397	CT1	13	13	13	13
Duke Energy Washington, II LLC	Ohio	55397	CT2	20	20	20	20
Eastlake	Ohio	2837	1	230	230	230	230
Eastlake	Ohio	2837	2	234	234	234	234
Eastlake	Ohio	2837	3	229	229	229	229
Eastlake	Ohio	2837	4	448	448	448	448
Eastlake	Ohio	2837	5	1,147	1,147	1,147	1,147
Eastlake	Ohio	2837	6	1	1	1	1

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Bay Shore	Ohio	2878	4	Y	Y		Y		
Cardinal	Ohio	2828	1	Y	Y		Y		
Cardinal	Ohio	2828	2	Y	Y		Y		
Cardinal	Ohio	2828	3	Y	Y		Y		
Conesville	Ohio	2840	3	Y	Y		Y		
Conesville	Ohio	2840	4	Y	Y		Y		
Conesville	Ohio	2840	5	Y	Y		Y		
Conesville	Ohio	2840	6	Y	Y		Y		
Darby Electric Generating Station	Ohio	55247	CT1	Y	Y		Y		
Darby Electric Generating Station	Ohio	55247	CT2	Y	Y		Y		
Darby Electric Generating Station	Ohio	55247	CT3	Y	Y		Y		
Darby Electric Generating Station	Ohio	55247	CT4	Y	Y		Y		
Darby Electric Generating Station	Ohio	55247	CT5	Y	Y		Y		
Darby Electric Generating Station	Ohio	55247	CT6	Y	Y		Y		
Dicks Creek Station	Ohio	2831	1	Y	Y		Y		
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG1	Y	Y		Y		
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG2	Y	Y		Y		
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG3	Y	Y		Y		
Duke Energy Hanging Rock, II LLC	Ohio	55736	CTG4	Y	Y		Y		
Duke Energy Washington, II LLC	Ohio	55397	CT1	Y	Y		Y		
Duke Energy Washington, II LLC	Ohio	55397	CT2	Y	Y		Y		
Eastlake	Ohio	2837	1	Y	Y		Y		
Eastlake	Ohio	2837	2	Y	Y		Y		
Eastlake	Ohio	2837	3	Y	Y		Y		
Eastlake	Ohio	2837	4	Y	Y		Y		
Eastlake	Ohio	2837	5	Y	Y		Y		
Eastlake	Ohio	2837	6	Y	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Frank M Tait Station	Ohio	2847	1	1928	34,452	90,365	38,671	33,082	104,736
Frank M Tait Station	Ohio	2847	2	1929	41,829	82,246	37,192	31,079	101,161
Frank M Tait Station	Ohio	2847	3	1930	28,503	95,097	45,853	45,201	197,603
Gen J M Gavin	Ohio	8102	1	3461	71,980,848	98,890,952	95,412,565	94,717,585	83,833,990
Gen J M Gavin	Ohio	8102	2	3462	93,686,331	87,674,959	93,634,715	97,185,090	92,075,701
Greenville Electric Gen Station	Ohio	55228	G1CT1	4212	61,311	69,432	30,429	25,832	73,603
Greenville Electric Gen Station	Ohio	55228	G1CT2	4213	49,259	64,889	24,625	26,716	75,024
Greenville Electric Gen Station	Ohio	55228	G2CT1	4214	62,179	69,779	32,278	24,853	74,094
Greenville Electric Gen Station	Ohio	55228	G2CT2	4215	66,077	75,094	34,082	24,042	72,032
Greenville Electric Gen Station	Ohio	55228	G3CT1	4216	71,094	75,590	35,140	25,726	78,012
Greenville Electric Gen Station	Ohio	55228	G3CT2	4217	69,772	74,716	33,073	25,515	77,065
Greenville Electric Gen Station	Ohio	55228	G4CT1	4218	62,509	70,642	31,498	24,866	75,421
Greenville Electric Gen Station	Ohio	55228	G4CT2	4219	67,750	74,779	840	29,096	78,069
Hamilton Municipal Power Plant	Ohio	2917	9	1994	3,410,328	3,831,634	3,199,890	1,834,428	1,419,554
J M Stuart	Ohio	2850	1	1937	30,646,464	37,624,045	38,355,774	39,282,807	32,473,531
J M Stuart	Ohio	2850	2	1938	34,601,223	29,306,806	38,348,746	38,149,758	41,308,583
J M Stuart	Ohio	2850	3	1939	37,740,832	37,394,109	38,171,929	41,031,771	31,990,408
J M Stuart	Ohio	2850	4	1940	30,645,557	34,748,910	35,960,206	37,852,199	34,368,836
Killen Station	Ohio	6031	2	2694	41,790,006	43,064,968	38,801,370	45,121,209	43,210,492
Kyger Creek	Ohio	2876	1	1971	14,518,090	13,053,108	13,524,506	12,857,287	13,245,459
Kyger Creek	Ohio	2876	2	1972	14,411,013	12,458,553	13,158,983	12,290,654	13,845,872
Kyger Creek	Ohio	2876	3	1973	13,529,883	13,620,194	12,383,091	13,532,220	11,422,505
Kyger Creek	Ohio	2876	4	1974	15,226,463	13,564,220	13,793,616	13,326,590	13,665,961
Kyger Creek	Ohio	2876	5	1975	12,177,967	14,137,591	14,795,718	13,715,766	13,335,997
Lake Shore	Ohio	2838	18	1913	10,281,387	13,862,295	11,646,014	3,038,360	7,720,050
Mad River	Ohio	2860	A	9285	33,810	11,592	3,864		6,762
Mad River	Ohio	2860	B	9286	29,946	11,592	2,898		11,109

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Frank M Tait Station	Ohio	2847	1	77,924	1,419,359,736	0.000055	309,085	139,395
Frank M Tait Station	Ohio	2847	2	75,078	1,419,359,736	0.000053	309,085	139,395
Frank M Tait Station	Ohio	2847	3	112,851	1,419,359,736	0.000080	309,085	139,395
Gen J M Gavin	Ohio	8102	1	96,340,367	1,419,359,736	0.067876	309,085	139,395
Gen J M Gavin	Ohio	8102	2	94,835,379	1,419,359,736	0.066816	309,085	139,395
Greenville Electric Gen Station	Ohio	55228	G1CT1	68,115	1,419,359,736	0.000048	309,085	139,395
Greenville Electric Gen Station	Ohio	55228	G1CT2	63,057	1,419,359,736	0.000044	309,085	139,395
Greenville Electric Gen Station	Ohio	55228	G2CT1	68,684	1,419,359,736	0.000048	309,085	139,395
Greenville Electric Gen Station	Ohio	55228	G2CT2	71,068	1,419,359,736	0.000050	309,085	139,395
Greenville Electric Gen Station	Ohio	55228	G3CT1	74,899	1,419,359,736	0.000053	309,085	139,395
Greenville Electric Gen Station	Ohio	55228	G3CT2	73,851	1,419,359,736	0.000052	309,085	139,395
Greenville Electric Gen Station	Ohio	55228	G4CT1	69,524	1,419,359,736	0.000049	309,085	139,395
Greenville Electric Gen Station	Ohio	55228	G4CT2	73,533	1,419,359,736	0.000052	309,085	139,395
Hamilton Municipal Power Plant	Ohio	2917	9	3,480,617	1,419,359,736	0.002452	309,085	139,395
J M Stuart	Ohio	2850	1	38,420,875	1,419,359,736	0.027069	309,085	139,395
J M Stuart	Ohio	2850	2	39,269,029	1,419,359,736	0.027667	309,085	139,395
J M Stuart	Ohio	2850	3	38,981,510	1,419,359,736	0.027464	309,085	139,395
J M Stuart	Ohio	2850	4	36,187,105	1,419,359,736	0.025495	309,085	139,395
Killen Station	Ohio	6031	2	43,798,889	1,419,359,736	0.030858	309,085	139,395
Kyger Creek	Ohio	2876	1	13,762,685	1,419,359,736	0.009696	309,085	139,395
Kyger Creek	Ohio	2876	2	13,805,290	1,419,359,736	0.009726	309,085	139,395
Kyger Creek	Ohio	2876	3	13,560,765	1,419,359,736	0.009554	309,085	139,395
Kyger Creek	Ohio	2876	4	14,228,680	1,419,359,736	0.010025	309,085	139,395
Kyger Creek	Ohio	2876	5	14,216,358	1,419,359,736	0.010016	309,085	139,395
Lake Shore	Ohio	2838	18	11,929,899	1,419,359,736	0.008405	309,085	139,395
Mad River	Ohio	2860	A	17,388	1,419,359,736	0.000012	309,085	139,395
Mad River	Ohio	2860	B	17,549	1,419,359,736	0.000012	309,085	139,395

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Frank M Tait Station	Ohio	2847	1	93,559	88,453	17	8	5	5
Frank M Tait Station	Ohio	2847	2	93,559	88,453	16	7	5	5
Frank M Tait Station	Ohio	2847	3	93,559	88,453	25	11	7	7
Gen J M Gavin	Ohio	8102	1	93,559	88,453	20,979	9,462	6,350	6,004
Gen J M Gavin	Ohio	8102	2	93,559	88,453	20,652	9,314	6,251	5,910
Greenville Electric Gen Station	Ohio	55228	G1CT1	93,559	88,453	15	7	4	4
Greenville Electric Gen Station	Ohio	55228	G1CT2	93,559	88,453	14	6	4	4
Greenville Electric Gen Station	Ohio	55228	G2CT1	93,559	88,453	15	7	5	4
Greenville Electric Gen Station	Ohio	55228	G2CT2	93,559	88,453	15	7	5	4
Greenville Electric Gen Station	Ohio	55228	G3CT1	93,559	88,453	16	7	5	5
Greenville Electric Gen Station	Ohio	55228	G3CT2	93,559	88,453	16	7	5	5
Greenville Electric Gen Station	Ohio	55228	G4CT1	93,559	88,453	15	7	5	4
Greenville Electric Gen Station	Ohio	55228	G4CT2	93,559	88,453	16	7	5	5
Hamilton Municipal Power Plant	Ohio	2917	9	93,559	88,453	758	342	229	217
J M Stuart	Ohio	2850	1	93,559	88,453	8,367	3,773	2,533	2,394
J M Stuart	Ohio	2850	2	93,559	88,453	8,551	3,857	2,588	2,447
J M Stuart	Ohio	2850	3	93,559	88,453	8,489	3,828	2,570	2,429
J M Stuart	Ohio	2850	4	93,559	88,453	7,880	3,554	2,385	2,255
Killen Station	Ohio	6031	2	93,559	88,453	9,538	4,301	2,887	2,730
Kyger Creek	Ohio	2876	1	93,559	88,453	2,997	1,352	907	858
Kyger Creek	Ohio	2876	2	93,559	88,453	3,006	1,356	910	860
Kyger Creek	Ohio	2876	3	93,559	88,453	2,953	1,332	894	845
Kyger Creek	Ohio	2876	4	93,559	88,453	3,098	1,397	938	887
Kyger Creek	Ohio	2876	5	93,559	88,453	3,096	1,396	937	886
Lake Shore	Ohio	2838	18	93,559	88,453	2,598	1,172	786	743
Mad River	Ohio	2860	A	93,559	88,453	4	2	1	1
Mad River	Ohio	2860	B	93,559	88,453	4	2	1	1

Plant Name	State	ORIS ID	Boiler ID	Step 7				
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Frank M Tait Station	Ohio	2847	1	0	0	0	0	0
Frank M Tait Station	Ohio	2847	2	0	0	0	0	0
Frank M Tait Station	Ohio	2847	3	0	0	0	0	0
Gen J M Gavin	Ohio	8102	1	15,536	16,439	12,968	10,403	15,644
Gen J M Gavin	Ohio	8102	2	21,024	17,277	14,998	14,384	13,520
Greenville Electric Gen Station	Ohio	55228	G1CT1	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G1CT2	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G2CT1	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G2CT2	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G3CT1	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G3CT2	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G4CT1	0	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G4CT2	0	0	0	0	0
Hamilton Municipal Power Plant	Ohio	2917	9	1,559	1,071	1,252	1,433	1,565
J M Stuart	Ohio	2850	1	29,430	29,537	24,542	23,182	28,032
J M Stuart	Ohio	2850	2	31,477	30,215	27,811	27,207	22,719
J M Stuart	Ohio	2850	3	31,262	30,513	23,889	29,966	28,958
J M Stuart	Ohio	2850	4	32,030	25,301	29,984	23,294	27,610
Killen Station	Ohio	6031	2	23,724	23,049	19,565	22,825	8,601
Kyger Creek	Ohio	2876	1	15,206	15,064	14,218	13,937	11,300
Kyger Creek	Ohio	2876	2	16,507	14,626	14,972	13,830	10,661
Kyger Creek	Ohio	2876	3	12,925	14,170	14,004	12,793	11,835
Kyger Creek	Ohio	2876	4	13,534	14,236	14,469	14,629	11,573
Kyger Creek	Ohio	2876	5	14,171	14,754	14,765	11,968	12,066
Lake Shore	Ohio	2838	18	2,091	2,488	3,002	2,838	5,132
Mad River	Ohio	2860	A					
Mad River	Ohio	2860	B					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Frank M Tait Station	Ohio	2847	1	0	0	0	0		
Frank M Tait Station	Ohio	2847	2	0	0	0	0		
Frank M Tait Station	Ohio	2847	3	0	0	0	0		
Gen J M Gavin	Ohio	8102	1	14,760	13,781	11,990	16,439		
Gen J M Gavin	Ohio	8102	2	15,181	12,484	13,339	21,024		
Greenville Electric Gen Station	Ohio	55228	G1CT1	0	0	0	0		
Greenville Electric Gen Station	Ohio	55228	G1CT2	0	0	0	0		
Greenville Electric Gen Station	Ohio	55228	G2CT1	0	0	0	0		
Greenville Electric Gen Station	Ohio	55228	G2CT2	0	0	0	0		
Greenville Electric Gen Station	Ohio	55228	G3CT1	0	0	0	0		
Greenville Electric Gen Station	Ohio	55228	G3CT2	0	0	0	0		
Greenville Electric Gen Station	Ohio	55228	G4CT1	0	0	0	0		
Greenville Electric Gen Station	Ohio	55228	G4CT2		0	0	0		
Hamilton Municipal Power Plant	Ohio	2917	9	1,370	786	616	1,565		
J M Stuart	Ohio	2850	1	9,612	12,423	2,871	29,537		
J M Stuart	Ohio	2850	2	11,657	14,720	3,389	31,477		
J M Stuart	Ohio	2850	3	6,478	17,856	1,208	31,262		
J M Stuart	Ohio	2850	4	7,166	19,002	2,337	32,030		
Killen Station	Ohio	6031	2	1,028	1,973	6,095	23,724		
Kyger Creek	Ohio	2876	1	11,910	11,013	21,857	21,857		
Kyger Creek	Ohio	2876	2	11,693	10,533	23,298	23,298		
Kyger Creek	Ohio	2876	3	10,853	11,669	18,914	18,914		
Kyger Creek	Ohio	2876	4	12,087	11,463	23,029	23,029		
Kyger Creek	Ohio	2876	5	13,092	11,719	22,565	22,565		
Lake Shore	Ohio	2838	18	4,671	1,099	3,068	5,132		
Mad River	Ohio	2860	A			2	2		
Mad River	Ohio	2860	B			3	3		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Frank M Tait Station	Ohio	2847	1					1	0
Frank M Tait Station	Ohio	2847	2					2	0
Frank M Tait Station	Ohio	2847	3					1	0
Gen J M Gavin	Ohio	8102	1					22,929	20,925
Gen J M Gavin	Ohio	8102	2					21,184	19,707
Greenville Electric Gen Station	Ohio	55228	G1CT1					3	3
Greenville Electric Gen Station	Ohio	55228	G1CT2					3	3
Greenville Electric Gen Station	Ohio	55228	G2CT1					3	2
Greenville Electric Gen Station	Ohio	55228	G2CT2					3	2
Greenville Electric Gen Station	Ohio	55228	G3CT1					3	2
Greenville Electric Gen Station	Ohio	55228	G3CT2					3	2
Greenville Electric Gen Station	Ohio	55228	G4CT1					2	2
Greenville Electric Gen Station	Ohio	55228	G4CT2					2	2
Hamilton Municipal Power Plant	Ohio	2917	9					535	423
J M Stuart	Ohio	2850	1					12,270	6,261
J M Stuart	Ohio	2850	2					13,123	8,428
J M Stuart	Ohio	2850	3					11,177	7,752
J M Stuart	Ohio	2850	4					10,799	5,491
Killen Station	Ohio	6031	2					10,820	7,131
Kyger Creek	Ohio	2876	1					4,509	3,812
Kyger Creek	Ohio	2876	2					4,921	3,722
Kyger Creek	Ohio	2876	3					3,770	3,553
Kyger Creek	Ohio	2876	4					3,958	3,869
Kyger Creek	Ohio	2876	5					4,186	3,752
Lake Shore	Ohio	2838	18					1,327	1,386
Mad River	Ohio	2860	A					6	15
Mad River	Ohio	2860	B					6	12

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Frank M Tait Station	Ohio	2847	1	2	1	5	2	2
Frank M Tait Station	Ohio	2847	2	2	3	5	3	2
Frank M Tait Station	Ohio	2847	3	1	1	4	2	2
Gen J M Gavin	Ohio	8102	1	18,375	13,364	22,347	22,054	3,421
Gen J M Gavin	Ohio	8102	2	20,330	20,593	11,153	21,146	3,483
Greenville Electric Gen Station	Ohio	55228	G1CT1	3	3	3	1	1
Greenville Electric Gen Station	Ohio	55228	G1CT2	3	2	3	1	1
Greenville Electric Gen Station	Ohio	55228	G2CT1	3	3	3	1	1
Greenville Electric Gen Station	Ohio	55228	G2CT2	3	3	3	2	1
Greenville Electric Gen Station	Ohio	55228	G3CT1	3	3	3	2	1
Greenville Electric Gen Station	Ohio	55228	G3CT2	3	3	3	1	1
Greenville Electric Gen Station	Ohio	55228	G4CT1	3	3	3	1	1
Greenville Electric Gen Station	Ohio	55228	G4CT2	3	3	3	0	1
Hamilton Municipal Power Plant	Ohio	2917	9	442	564	664	488	264
J M Stuart	Ohio	2850	1	4,620	5,307	6,913	5,878	1,831
J M Stuart	Ohio	2850	2	6,520	7,739	4,984	5,681	1,871
J M Stuart	Ohio	2850	3	6,096	6,614	6,616	6,547	2,185
J M Stuart	Ohio	2850	4	7,185	5,858	6,623	5,801	2,410
Killen Station	Ohio	6031	2	5,967	7,185	8,410	7,350	2,884
Kyger Creek	Ohio	2876	1	3,581	3,708	2,433	2,842	643
Kyger Creek	Ohio	2876	2	3,852	3,628	2,583	2,801	588
Kyger Creek	Ohio	2876	3	3,484	3,456	2,642	2,555	664
Kyger Creek	Ohio	2876	4	3,713	3,903	2,958	2,764	650
Kyger Creek	Ohio	2876	5	3,808	3,168	2,852	3,206	683
Lake Shore	Ohio	2838	18	1,854	1,563	2,127	1,673	428
Mad River	Ohio	2860	A	40	20	7	2	
Mad River	Ohio	2860	B	41	18	7	2	

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Frank M Tait Station	Ohio	2847	1	5	5				
Frank M Tait Station	Ohio	2847	2	5	5				
Frank M Tait Station	Ohio	2847	3	5	5				
Gen J M Gavin	Ohio	8102	1	3,102	22,929				
Gen J M Gavin	Ohio	8102	2	3,618	21,184				
Greenville Electric Gen Station	Ohio	55228	G1CT1	3	3				
Greenville Electric Gen Station	Ohio	55228	G1CT2	3	3				
Greenville Electric Gen Station	Ohio	55228	G2CT1	3	3				
Greenville Electric Gen Station	Ohio	55228	G2CT2	3	3				
Greenville Electric Gen Station	Ohio	55228	G3CT1	3	3				
Greenville Electric Gen Station	Ohio	55228	G3CT2	3	3				
Greenville Electric Gen Station	Ohio	55228	G4CT1	3	3				
Greenville Electric Gen Station	Ohio	55228	G4CT2	3	3				
Hamilton Municipal Power Plant	Ohio	2917	9	196	664				
J M Stuart	Ohio	2850	1	1,600	12,270				
J M Stuart	Ohio	2850	2	2,273	13,123				
J M Stuart	Ohio	2850	3	1,967	11,177				
J M Stuart	Ohio	2850	4	2,151	10,799				
Killen Station	Ohio	6031	2	4,158	10,820				
Kyger Creek	Ohio	2876	1	928	4,509				
Kyger Creek	Ohio	2876	2	1,002	4,921				
Kyger Creek	Ohio	2876	3	847	3,770				
Kyger Creek	Ohio	2876	4	982	3,958				
Kyger Creek	Ohio	2876	5	965	4,186				
Lake Shore	Ohio	2838	18	1,079	2,127				
Mad River	Ohio	2860	A	4	40				
Mad River	Ohio	2860	B	7	41				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Frank M Tait Station	Ohio	2847	1			0	0
Frank M Tait Station	Ohio	2847	2			0	0
Frank M Tait Station	Ohio	2847	3			0	0
Gen J M Gavin	Ohio	8102	1			16,439	16,439
Gen J M Gavin	Ohio	8102	2			21,024	21,024
Greenville Electric Gen Station	Ohio	55228	G1CT1			0	0
Greenville Electric Gen Station	Ohio	55228	G1CT2			0	0
Greenville Electric Gen Station	Ohio	55228	G2CT1			0	0
Greenville Electric Gen Station	Ohio	55228	G2CT2			0	0
Greenville Electric Gen Station	Ohio	55228	G3CT1			0	0
Greenville Electric Gen Station	Ohio	55228	G3CT2			0	0
Greenville Electric Gen Station	Ohio	55228	G4CT1			0	0
Greenville Electric Gen Station	Ohio	55228	G4CT2			0	0
Hamilton Municipal Power Plant	Ohio	2917	9			800	811
J M Stuart	Ohio	2850	1			8,833	8,957
J M Stuart	Ohio	2850	2			9,028	9,155
J M Stuart	Ohio	2850	3			8,962	9,088
J M Stuart	Ohio	2850	4			8,319	8,437
Killen Station	Ohio	6031	2			10,069	10,211
Kyger Creek	Ohio	2876	1			3,164	3,209
Kyger Creek	Ohio	2876	2			3,174	3,219
Kyger Creek	Ohio	2876	3			3,118	3,162
Kyger Creek	Ohio	2876	4			3,271	3,317
Kyger Creek	Ohio	2876	5			3,268	3,314
Lake Shore	Ohio	2838	18			2,743	2,781
Mad River	Ohio	2860	A			2	2
Mad River	Ohio	2860	B			3	3

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Frank M Tait Station	Ohio	2847	1	0	0	0	0
Frank M Tait Station	Ohio	2847	2	0	0	0	0
Frank M Tait Station	Ohio	2847	3	0	0	0	0
Gen J M Gavin	Ohio	8102	1	9,888	9,888	9,888	9,888
Gen J M Gavin	Ohio	8102	2	9,733	9,733	9,733	9,733
Greenville Electric Gen Station	Ohio	55228	G1CT1	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G1CT2	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G2CT1	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G2CT2	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G3CT1	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G3CT2	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G4CT1	0	0	0	0
Greenville Electric Gen Station	Ohio	55228	G4CT2	0	0	0	0
Hamilton Municipal Power Plant	Ohio	2917	9	357	357	357	357
J M Stuart	Ohio	2850	1	3,943	3,943	3,943	3,943
J M Stuart	Ohio	2850	2	4,030	4,030	4,030	4,030
J M Stuart	Ohio	2850	3	4,001	4,001	4,001	4,001
J M Stuart	Ohio	2850	4	3,714	3,714	3,714	3,714
Killen Station	Ohio	6031	2	4,495	4,495	4,495	4,495
Kyger Creek	Ohio	2876	1	1,412	1,412	1,412	1,412
Kyger Creek	Ohio	2876	2	1,417	1,417	1,417	1,417
Kyger Creek	Ohio	2876	3	1,392	1,392	1,392	1,392
Kyger Creek	Ohio	2876	4	1,460	1,460	1,460	1,460
Kyger Creek	Ohio	2876	5	1,459	1,459	1,459	1,459
Lake Shore	Ohio	2838	18	1,224	1,224	1,224	1,224
Mad River	Ohio	2860	A	2	2	2	2
Mad River	Ohio	2860	B	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Frank M Tait Station	Ohio	2847	1	5	5	5	5
Frank M Tait Station	Ohio	2847	2	5	5	5	5
Frank M Tait Station	Ohio	2847	3	5	5	5	5
Gen J M Gavin	Ohio	8102	1	6,506	6,584	6,222	6,222
Gen J M Gavin	Ohio	8102	2	6,404	6,481	6,125	6,125
Greenville Electric Gen Station	Ohio	55228	G1CT1	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G1CT2	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT1	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT2	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT1	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT2	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT1	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT2	3	3	3	3
Hamilton Municipal Power Plant	Ohio	2917	9	235	238	225	225
J M Stuart	Ohio	2850	1	2,595	2,626	2,481	2,481
J M Stuart	Ohio	2850	2	2,652	2,684	2,536	2,536
J M Stuart	Ohio	2850	3	2,632	2,664	2,517	2,517
J M Stuart	Ohio	2850	4	2,444	2,473	2,337	2,337
Killen Station	Ohio	6031	2	2,958	2,993	2,829	2,829
Kyger Creek	Ohio	2876	1	929	940	889	889
Kyger Creek	Ohio	2876	2	932	943	892	892
Kyger Creek	Ohio	2876	3	916	927	876	876
Kyger Creek	Ohio	2876	4	961	972	919	919
Kyger Creek	Ohio	2876	5	960	971	918	918
Lake Shore	Ohio	2838	18	806	815	770	770
Mad River	Ohio	2860	A	1	1	1	1
Mad River	Ohio	2860	B	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
				(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)	Step 1		
Calculation								
Frank M Tait Station	Ohio	2847	1	5	5	33,902	80,182	28,719
Frank M Tait Station	Ohio	2847	2	5	5	41,609	78,126	24,629
Frank M Tait Station	Ohio	2847	3	5	5	28,383	86,057	32,066
Gen J M Gavin	Ohio	8102	1	6,222	6,222	38,879,431	39,661,483	38,123,296
Gen J M Gavin	Ohio	8102	2	6,125	6,125	33,309,117	44,255,948	40,332,858
Greenville Electric Gen Station	Ohio	55228	G1CT1	3	3	45,954	54,714	28,384
Greenville Electric Gen Station	Ohio	55228	G1CT2	3	3	45,981	53,940	22,668
Greenville Electric Gen Station	Ohio	55228	G2CT1	3	3	41,256	53,268	30,224
Greenville Electric Gen Station	Ohio	55228	G2CT2	3	3	43,841	58,364	32,152
Greenville Electric Gen Station	Ohio	55228	G3CT1	3	3	47,754	59,061	33,332
Greenville Electric Gen Station	Ohio	55228	G3CT2	3	3	46,657	58,512	31,552
Greenville Electric Gen Station	Ohio	55228	G4CT1	3	3	42,661	55,629	29,051
Greenville Electric Gen Station	Ohio	55228	G4CT2	3	3	45,614	58,566	
Hamilton Municipal Power Plant	Ohio	2917	9	225	225	1,258,689	1,797,497	1,698,851
J M Stuart	Ohio	2850	1	2,481	2,481	13,877,754	16,466,719	18,326,792
J M Stuart	Ohio	2850	2	2,536	2,536	13,895,723	13,275,553	17,445,098
J M Stuart	Ohio	2850	3	2,517	2,517	16,556,733	16,780,795	16,835,564
J M Stuart	Ohio	2850	4	2,337	2,337	14,141,072	13,161,941	16,967,376
Killen Station	Ohio	6031	2	2,829	2,829	18,914,934	16,628,320	16,717,190
Kyger Creek	Ohio	2876	1	889	889	5,959,270	5,980,196	5,839,531
Kyger Creek	Ohio	2876	2	892	892	6,060,026	5,227,092	5,495,225
Kyger Creek	Ohio	2876	3	876	876	5,508,012	6,057,165	5,478,215
Kyger Creek	Ohio	2876	4	919	919	6,141,003	4,870,042	6,274,087
Kyger Creek	Ohio	2876	5	918	918	4,758,574	6,079,643	5,955,490
Lake Shore	Ohio	2838	18	770	770	3,875,257	5,909,120	5,192,630
Mad River	Ohio	2860	A	1	1	33,810	11,592	3,864
Mad River	Ohio	2860	B	1	1	29,946	11,592	2,898

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Frank M Tait Station	Ohio	2847	1	13,727	83,178	65,754	616,903,319	0.000107
Frank M Tait Station	Ohio	2847	2	13,790	87,927	69,221	616,903,319	0.000112
Frank M Tait Station	Ohio	2847	3	11,272	122,891	80,338	616,903,319	0.000130
Gen J M Gavin	Ohio	8102	1	32,870,983	33,477,766	38,888,070	616,903,319	0.063038
Gen J M Gavin	Ohio	8102	2	45,848,516	37,617,231	43,479,107	616,903,319	0.070480
Greenville Electric Gen Station	Ohio	55228	G1CT1	17,699	60,885	53,851	616,903,319	0.000087
Greenville Electric Gen Station	Ohio	55228	G1CT2	18,091	61,866	53,929	616,903,319	0.000087
Greenville Electric Gen Station	Ohio	55228	G2CT1	16,924	64,955	53,160	616,903,319	0.000086
Greenville Electric Gen Station	Ohio	55228	G2CT2	16,889	62,127	54,777	616,903,319	0.000089
Greenville Electric Gen Station	Ohio	55228	G3CT1	17,521	65,455	57,423	616,903,319	0.000093
Greenville Electric Gen Station	Ohio	55228	G3CT2	17,165	64,627	56,599	616,903,319	0.000092
Greenville Electric Gen Station	Ohio	55228	G4CT1	16,898	63,926	54,072	616,903,319	0.000088
Greenville Electric Gen Station	Ohio	55228	G4CT2	20,438	66,209	56,796	616,903,319	0.000092
Hamilton Municipal Power Plant	Ohio	2917	9	1,371,010	1,419,319	1,638,556	616,903,319	0.002656
J M Stuart	Ohio	2850	1	14,970,479	16,897,124	17,230,212	616,903,319	0.027930
J M Stuart	Ohio	2850	2	14,179,298	16,440,815	16,021,737	616,903,319	0.025971
J M Stuart	Ohio	2850	3	15,819,043	16,328,857	16,724,364	616,903,319	0.027110
J M Stuart	Ohio	2850	4	15,284,167	15,367,713	15,873,086	616,903,319	0.025730
Killen Station	Ohio	6031	2	17,798,130	19,002,997	18,572,021	616,903,319	0.030105
Kyger Creek	Ohio	2876	1	4,718,221	5,399,924	5,926,332	616,903,319	0.009607
Kyger Creek	Ohio	2876	2	5,362,420	5,996,763	5,850,671	616,903,319	0.009484
Kyger Creek	Ohio	2876	3	4,784,041	3,796,815	5,681,131	616,903,319	0.009209
Kyger Creek	Ohio	2876	4	5,575,865	5,918,791	6,111,294	616,903,319	0.009906
Kyger Creek	Ohio	2876	5	6,134,860	5,664,914	6,056,665	616,903,319	0.009818
Lake Shore	Ohio	2838	18	525,214	3,087,233	4,992,336	616,903,319	0.008093
Mad River	Ohio	2860	A		5,796	17,066	616,903,319	0.000028
Mad River	Ohio	2860	B		10,143	17,227	616,903,319	0.000028

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Frank M Tait Station	Ohio	2847	1	40,458	38,233	4	4	0	0
Frank M Tait Station	Ohio	2847	2	40,458	38,233	5	4	0	0
Frank M Tait Station	Ohio	2847	3	40,458	38,233	5	5	0	0
Gen J M Gavin	Ohio	8102	1	40,458	38,233	2,550	2,410	9,627	2,255
Gen J M Gavin	Ohio	8102	2	40,458	38,233	2,851	2,695	1,588	2,594
Greenville Electric Gen Station	Ohio	55228	G1CT1	40,458	38,233	4	3	2	2
Greenville Electric Gen Station	Ohio	55228	G1CT2	40,458	38,233	4	3	3	2
Greenville Electric Gen Station	Ohio	55228	G2CT1	40,458	38,233	3	3	2	1
Greenville Electric Gen Station	Ohio	55228	G2CT2	40,458	38,233	4	3	2	2
Greenville Electric Gen Station	Ohio	55228	G3CT1	40,458	38,233	4	4	2	2
Greenville Electric Gen Station	Ohio	55228	G3CT2	40,458	38,233	4	4	2	2
Greenville Electric Gen Station	Ohio	55228	G4CT1	40,458	38,233	4	3	2	2
Greenville Electric Gen Station	Ohio	55228	G4CT2	40,458	38,233	4	4	2	2
Hamilton Municipal Power Plant	Ohio	2917	9	40,458	38,233	107	102	253	180
J M Stuart	Ohio	2850	1	40,458	38,233	1,130	1,068	5,343	1,076
J M Stuart	Ohio	2850	2	40,458	38,233	1,051	993	6,193	1,809
J M Stuart	Ohio	2850	3	40,458	38,233	1,097	1,037	4,713	1,507
J M Stuart	Ohio	2850	4	40,458	38,233	1,041	984	3,945	1,396
Killen Station	Ohio	6031	2	40,458	38,233	1,218	1,151	4,853	1,495
Kyger Creek	Ohio	2876	1	40,458	38,233	389	367	1,221	494
Kyger Creek	Ohio	2876	2	40,458	38,233	384	363	1,301	519
Kyger Creek	Ohio	2876	3	40,458	38,233	373	352	1,269	459
Kyger Creek	Ohio	2876	4	40,458	38,233	401	379	1,297	325
Kyger Creek	Ohio	2876	5	40,458	38,233	397	375	808	489
Lake Shore	Ohio	2838	18	40,458	38,233	327	309	440	497
Mad River	Ohio	2860	A	40,458	38,233	1	1	6	15
Mad River	Ohio	2860	B	40,458	38,233	1	1	6	12

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Frank M Tait Station	Ohio	2847	1	1	1	5	2	1	4
Frank M Tait Station	Ohio	2847	2	1	3	4	2	1	4
Frank M Tait Station	Ohio	2847	3	0	1	3	2	0	3
Gen J M Gavin	Ohio	8102	1	1,132	1,292	1,331	1,478	1,129	1,243
Gen J M Gavin	Ohio	8102	2	1,127	1,024	1,528	1,441	1,566	1,461
Greenville Electric Gen Station	Ohio	55228	G1CT1	3	2	2	1	1	3
Greenville Electric Gen Station	Ohio	55228	G1CT2	3	2	3	1	1	3
Greenville Electric Gen Station	Ohio	55228	G2CT1	3	2	2	1	1	3
Greenville Electric Gen Station	Ohio	55228	G2CT2	3	2	3	1	1	3
Greenville Electric Gen Station	Ohio	55228	G3CT1	3	2	3	1	1	3
Greenville Electric Gen Station	Ohio	55228	G3CT2	2	2	2	1	1	3
Greenville Electric Gen Station	Ohio	55228	G4CT1	3	2	2	1	1	3
Greenville Electric Gen Station	Ohio	55228	G4CT2	3	2	3		1	3
Hamilton Municipal Power Plant	Ohio	2917	9	213	211	301	236	198	196
J M Stuart	Ohio	2850	1	720	775	826	1,083	646	821
J M Stuart	Ohio	2850	2	809	898	778	1,092	678	945
J M Stuart	Ohio	2850	3	542	743	829	1,292	748	880
J M Stuart	Ohio	2850	4	1,067	1,350	639	1,338	1,049	873
Killen Station	Ohio	6031	2	639	1,151	1,670	1,608	901	1,812
Kyger Creek	Ohio	2876	1	239	254	272	302	218	389
Kyger Creek	Ohio	2876	2	246	256	240	291	242	459
Kyger Creek	Ohio	2876	3	240	235	275	286	219	311
Kyger Creek	Ohio	2876	4	253	261	223	324	251	437
Kyger Creek	Ohio	2876	5	244	204	275	305	278	428
Lake Shore	Ohio	2838	18	719	555	839	733	85	422
Mad River	Ohio	2860	A	40	20	7	2		3
Mad River	Ohio	2860	B	41	18	7	2		6

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Frank M Tait Station	Ohio	2847	1	5					
Frank M Tait Station	Ohio	2847	2	4					
Frank M Tait Station	Ohio	2847	3	3					
Gen J M Gavin	Ohio	8102	1	9,627					
Gen J M Gavin	Ohio	8102	2	2,594					
Greenville Electric Gen Station	Ohio	55228	G1CT1	3					
Greenville Electric Gen Station	Ohio	55228	G1CT2	3					
Greenville Electric Gen Station	Ohio	55228	G2CT1	3					
Greenville Electric Gen Station	Ohio	55228	G2CT2	3					
Greenville Electric Gen Station	Ohio	55228	G3CT1	3					
Greenville Electric Gen Station	Ohio	55228	G3CT2	3					
Greenville Electric Gen Station	Ohio	55228	G4CT1	3					
Greenville Electric Gen Station	Ohio	55228	G4CT2	3					
Hamilton Municipal Power Plant	Ohio	2917	9	301					
J M Stuart	Ohio	2850	1	5,343					
J M Stuart	Ohio	2850	2	6,193					
J M Stuart	Ohio	2850	3	4,713					
J M Stuart	Ohio	2850	4	3,945					
Killen Station	Ohio	6031	2	4,853					
Kyger Creek	Ohio	2876	1	1,221					
Kyger Creek	Ohio	2876	2	1,301					
Kyger Creek	Ohio	2876	3	1,269					
Kyger Creek	Ohio	2876	4	1,297					
Kyger Creek	Ohio	2876	5	808					
Lake Shore	Ohio	2838	18	839					
Mad River	Ohio	2860	A	40					
Mad River	Ohio	2860	B	41					

						Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Frank M Tait Station	Ohio	2847	1			5	5
Frank M Tait Station	Ohio	2847	2			4	4
Frank M Tait Station	Ohio	2847	3			3	3
Gen J M Gavin	Ohio	8102	1			2,702	2,741
Gen J M Gavin	Ohio	8102	2			2,594	2,594
Greenville Electric Gen Station	Ohio	55228	G1CT1			3	3
Greenville Electric Gen Station	Ohio	55228	G1CT2			3	3
Greenville Electric Gen Station	Ohio	55228	G2CT1			3	3
Greenville Electric Gen Station	Ohio	55228	G2CT2			3	3
Greenville Electric Gen Station	Ohio	55228	G3CT1			3	3
Greenville Electric Gen Station	Ohio	55228	G3CT2			3	3
Greenville Electric Gen Station	Ohio	55228	G4CT1			3	3
Greenville Electric Gen Station	Ohio	55228	G4CT2			3	3
Hamilton Municipal Power Plant	Ohio	2917	9			114	115
J M Stuart	Ohio	2850	1			1,197	1,214
J M Stuart	Ohio	2850	2			1,113	1,129
J M Stuart	Ohio	2850	3			1,162	1,179
J M Stuart	Ohio	2850	4			1,103	1,119
Killen Station	Ohio	6031	2			1,291	1,309
Kyger Creek	Ohio	2876	1			412	418
Kyger Creek	Ohio	2876	2			407	412
Kyger Creek	Ohio	2876	3			395	400
Kyger Creek	Ohio	2876	4			425	431
Kyger Creek	Ohio	2876	5			421	427
Lake Shore	Ohio	2838	18			347	352
Mad River	Ohio	2860	A			1	1
Mad River	Ohio	2860	B			1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI))	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ))	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK))	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL))
Frank M Tait Station	Ohio	2847	1	4	4	4	4
Frank M Tait Station	Ohio	2847	2	4	4	4	4
Frank M Tait Station	Ohio	2847	3	3	3	3	3
Gen J M Gavin	Ohio	8102	1	2,568	2,568	2,568	2,568
Gen J M Gavin	Ohio	8102	2	2,594	2,594	2,594	2,594
Greenville Electric Gen Station	Ohio	55228	G1CT1	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G1CT2	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT1	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G2CT2	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT1	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G3CT2	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT1	3	3	3	3
Greenville Electric Gen Station	Ohio	55228	G4CT2	3	3	3	3
Hamilton Municipal Power Plant	Ohio	2917	9	108	108	108	108
J M Stuart	Ohio	2850	1	1,138	1,138	1,138	1,138
J M Stuart	Ohio	2850	2	1,058	1,058	1,058	1,058
J M Stuart	Ohio	2850	3	1,104	1,104	1,104	1,104
J M Stuart	Ohio	2850	4	1,048	1,048	1,048	1,048
Killen Station	Ohio	6031	2	1,226	1,226	1,226	1,226
Kyger Creek	Ohio	2876	1	391	391	391	391
Kyger Creek	Ohio	2876	2	386	386	386	386
Kyger Creek	Ohio	2876	3	375	375	375	375
Kyger Creek	Ohio	2876	4	404	404	404	404
Kyger Creek	Ohio	2876	5	400	400	400	400
Lake Shore	Ohio	2838	18	330	330	330	330
Mad River	Ohio	2860	A	1	1	1	1
Mad River	Ohio	2860	B	1	1	1	1

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Frank M Tait Station	Ohio	2847	1	Y	Y		Y		
Frank M Tait Station	Ohio	2847	2	Y	Y		Y		
Frank M Tait Station	Ohio	2847	3	Y	Y		Y		
Gen J M Gavin	Ohio	8102	1	Y	Y		Y		
Gen J M Gavin	Ohio	8102	2	Y	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G1CT1	Y	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G1CT2	Y	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G2CT1	Y	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G2CT2	Y	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G3CT1	Y	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G3CT2	Y	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G4CT1	Y	Y		Y		
Greenville Electric Gen Station	Ohio	55228	G4CT2	Y	Y		Y		
Hamilton Municipal Power Plant	Ohio	2917	9	Y	Y		Y		
J M Stuart	Ohio	2850	1	Y	Y		Y		
J M Stuart	Ohio	2850	2	Y	Y		Y		
J M Stuart	Ohio	2850	3	Y	Y		Y		
J M Stuart	Ohio	2850	4	Y	Y		Y		
Killen Station	Ohio	6031	2	Y	Y		Y		
Kyger Creek	Ohio	2876	1	Y	Y		Y		
Kyger Creek	Ohio	2876	2	Y	Y		Y		
Kyger Creek	Ohio	2876	3	Y	Y		Y		
Kyger Creek	Ohio	2876	4	Y	Y		Y		
Kyger Creek	Ohio	2876	5	Y	Y		Y		
Lake Shore	Ohio	2838	18	Y	Y		Y		
Mad River	Ohio	2860	A	Y	Y		Y		
Mad River	Ohio	2860	B	Y	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Madison Generating Station	Ohio	55110	1	3912	375,209	409,594	118,857	175,937	363,113
Madison Generating Station	Ohio	55110	2	3913	306,496	438,001	139,705	164,629	247,426
Madison Generating Station	Ohio	55110	3	3914	302,941	291,079	93,584	125,752	227,510
Madison Generating Station	Ohio	55110	4	3915	270,007	258,966	94,807	138,528	199,632
Madison Generating Station	Ohio	55110	5	3916	262,123	316,683	84,733	144,219	249,279
Madison Generating Station	Ohio	55110	6	3917	271,579	324,596	85,376	150,819	201,938
Madison Generating Station	Ohio	55110	7	3918	288,505	289,734	74,979	154,878	224,106
Madison Generating Station	Ohio	55110	8	3919	292,493	308,302	119,620	208,675	248,394
Miami Fort Generating Station	Ohio	2832	6	1894	10,053,484	11,188,375	10,280,405	10,354,696	9,452,000
Miami Fort Generating Station	Ohio	2832	7	1895	31,952,503	27,828,466	34,168,588	38,549,906	41,667,171
Miami Fort Generating Station	Ohio	2832	8	1896	32,409,163	30,803,778	33,127,522	35,654,740	33,454,770
Muskingum River	Ohio	2872	1	1966	8,331,615	11,765,822	11,851,464	7,090,391	7,210,909
Muskingum River	Ohio	2872	2	1967	8,532,606	11,429,678	11,638,475	6,124,590	6,561,224
Muskingum River	Ohio	2872	3	1968	8,984,642	11,116,951	11,503,439	10,066,107	8,520,547
Muskingum River	Ohio	2872	4	1969	7,290,879	11,215,269	9,872,136	8,636,478	9,570,327
Muskingum River	Ohio	2872	5	1970	35,301,392	32,937,941	38,870,297	35,093,118	30,764,097
Niles	Ohio	2861	1	1946	6,680,272	7,023,053	5,049,949	2,868,704	2,375,008
Niles	Ohio	2861	2	1947	3,158,995	5,539,362	4,363,614	349,784	2,457,151
Niles	Ohio	2861	CTA	9278	9,552	364		1,018	2,995
O H Hutchings	Ohio	2848	H-1	1931	238,277	143,914	57,547	47,557	58,785
O H Hutchings	Ohio	2848	H-2	1932	206,693	133,947	100,108	36,909	76,280
O H Hutchings	Ohio	2848	H-3	1933	773,126	1,779,337	967,706	213,642	643,168
O H Hutchings	Ohio	2848	H-4	1934	1,115,965	1,920,667	1,283,416	540,884	252,644
O H Hutchings	Ohio	2848	H-5	1935	1,162,990	1,744,704	1,193,070	290,538	722,071
O H Hutchings	Ohio	2848	H-6	1936	1,271,630	1,753,969	1,002,442	178,940	598,419
O H Hutchings	Ohio	2848	H-7	88237	2,132	1,256	6,194	3,393	3,421
Omega JV2 Bowling Green	Ohio	7783	P001	3226	19,397	8,783	10,555	1,803	12,159

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Madison Generating Station	Ohio	55110	1	382,639	1,419,359,736	0.000270	309,085	139,395
Madison Generating Station	Ohio	55110	2	330,641	1,419,359,736	0.000233	309,085	139,395
Madison Generating Station	Ohio	55110	3	273,843	1,419,359,736	0.000193	309,085	139,395
Madison Generating Station	Ohio	55110	4	242,868	1,419,359,736	0.000171	309,085	139,395
Madison Generating Station	Ohio	55110	5	276,028	1,419,359,736	0.000194	309,085	139,395
Madison Generating Station	Ohio	55110	6	266,038	1,419,359,736	0.000187	309,085	139,395
Madison Generating Station	Ohio	55110	7	267,448	1,419,359,736	0.000188	309,085	139,395
Madison Generating Station	Ohio	55110	8	283,063	1,419,359,736	0.000199	309,085	139,395
Miami Fort Generating Station	Ohio	2832	6	10,607,825	1,419,359,736	0.007474	309,085	139,395
Miami Fort Generating Station	Ohio	2832	7	38,128,555	1,419,359,736	0.026863	309,085	139,395
Miami Fort Generating Station	Ohio	2832	8	34,079,011	1,419,359,736	0.024010	309,085	139,395
Muskingum River	Ohio	2872	1	10,649,633	1,419,359,736	0.007503	309,085	139,395
Muskingum River	Ohio	2872	2	10,533,586	1,419,359,736	0.007421	309,085	139,395
Muskingum River	Ohio	2872	3	10,895,499	1,419,359,736	0.007676	309,085	139,395
Muskingum River	Ohio	2872	4	10,219,244	1,419,359,736	0.007200	309,085	139,395
Muskingum River	Ohio	2872	5	36,421,602	1,419,359,736	0.025661	309,085	139,395
Niles	Ohio	2861	1	6,251,091	1,419,359,736	0.004404	309,085	139,395
Niles	Ohio	2861	2	4,353,991	1,419,359,736	0.003068	309,085	139,395
Niles	Ohio	2861	CTA	4,522	1,419,359,736	0.000003	309,085	139,395
O H Hutchings	Ohio	2848	H-1	146,992	1,419,359,736	0.000104	309,085	139,395
O H Hutchings	Ohio	2848	H-2	146,916	1,419,359,736	0.000104	309,085	139,395
O H Hutchings	Ohio	2848	H-3	1,173,390	1,419,359,736	0.000827	309,085	139,395
O H Hutchings	Ohio	2848	H-4	1,440,016	1,419,359,736	0.001015	309,085	139,395
O H Hutchings	Ohio	2848	H-5	1,366,921	1,419,359,736	0.000963	309,085	139,395
O H Hutchings	Ohio	2848	H-6	1,342,680	1,419,359,736	0.000946	309,085	139,395
O H Hutchings	Ohio	2848	H-7	4,336	1,419,359,736	0.000003	309,085	139,395
Omega JV2 Bowling Green	Ohio	7783	P001	14,037	1,419,359,736	0.000010	309,085	139,395

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Madison Generating Station	Ohio	55110	1	93,559	88,453	83	38	25	24
Madison Generating Station	Ohio	55110	2	93,559	88,453	72	32	22	21
Madison Generating Station	Ohio	55110	3	93,559	88,453	60	27	18	17
Madison Generating Station	Ohio	55110	4	93,559	88,453	53	24	16	15
Madison Generating Station	Ohio	55110	5	93,559	88,453	60	27	18	17
Madison Generating Station	Ohio	55110	6	93,559	88,453	58	26	18	17
Madison Generating Station	Ohio	55110	7	93,559	88,453	58	26	18	17
Madison Generating Station	Ohio	55110	8	93,559	88,453	62	28	19	18
Miami Fort Generating Station	Ohio	2832	6	93,559	88,453	2,310	1,042	699	661
Miami Fort Generating Station	Ohio	2832	7	93,559	88,453	8,303	3,745	2,513	2,376
Miami Fort Generating Station	Ohio	2832	8	93,559	88,453	7,421	3,347	2,246	2,124
Muskingum River	Ohio	2872	1	93,559	88,453	2,319	1,046	702	664
Muskingum River	Ohio	2872	2	93,559	88,453	2,294	1,035	694	656
Muskingum River	Ohio	2872	3	93,559	88,453	2,373	1,070	718	679
Muskingum River	Ohio	2872	4	93,559	88,453	2,225	1,004	674	637
Muskingum River	Ohio	2872	5	93,559	88,453	7,931	3,577	2,401	2,270
Niles	Ohio	2861	1	93,559	88,453	1,361	614	412	390
Niles	Ohio	2861	2	93,559	88,453	948	428	287	271
Niles	Ohio	2861	CTA	93,559	88,453	1	0	0	0
O H Hutchings	Ohio	2848	H-1	93,559	88,453	32	14	10	9
O H Hutchings	Ohio	2848	H-2	93,559	88,453	32	14	10	9
O H Hutchings	Ohio	2848	H-3	93,559	88,453	256	115	77	73
O H Hutchings	Ohio	2848	H-4	93,559	88,453	314	141	95	90
O H Hutchings	Ohio	2848	H-5	93,559	88,453	298	134	90	85
O H Hutchings	Ohio	2848	H-6	93,559	88,453	292	132	89	84
O H Hutchings	Ohio	2848	H-7	93,559	88,453	1	0	0	0
Omega JV2 Bowling Green	Ohio	7783	P001	93,559	88,453	3	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Step 7				
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Madison Generating Station	Ohio	55110	1	0	0	0	0	0
Madison Generating Station	Ohio	55110	2	0	0	0	0	0
Madison Generating Station	Ohio	55110	3	0	0	0	0	0
Madison Generating Station	Ohio	55110	4	0	0	0	0	0
Madison Generating Station	Ohio	55110	5	0	0	0	0	0
Madison Generating Station	Ohio	55110	6	0	0	0	0	0
Madison Generating Station	Ohio	55110	7	0	0	0	0	0
Madison Generating Station	Ohio	55110	8	0	0	0	0	0
Miami Fort Generating Station	Ohio	2832	6	18,752	16,782	19,990	17,304	17,055
Miami Fort Generating Station	Ohio	2832	7	41,189	64,169	37,419	29,236	25,229
Miami Fort Generating Station	Ohio	2832	8	16,253	15,256	15,844	14,455	4,655
Muskingum River	Ohio	2872	1	21,024	24,359	24,997	18,368	24,521
Muskingum River	Ohio	2872	2	23,577	19,677	16,939	18,734	23,988
Muskingum River	Ohio	2872	3	25,173	24,470	20,300	20,133	23,137
Muskingum River	Ohio	2872	4	25,650	22,412	21,237	16,155	24,263
Muskingum River	Ohio	2872	5	43,697	50,234	51,090	49,594	36,550
Niles	Ohio	2861	1	9,084	8,095	9,083	7,043	7,630
Niles	Ohio	2861	2	8,936	5,945	6,286	4,560	7,482
Niles	Ohio	2861	CTA					
O H Hutchings	Ohio	2848	H-1	708	195	589	163	100
O H Hutchings	Ohio	2848	H-2	700	155	634	143	91
O H Hutchings	Ohio	2848	H-3	1,451	632	1,128	533	1,112
O H Hutchings	Ohio	2848	H-4	1,681	941	969	770	1,220
O H Hutchings	Ohio	2848	H-5	1,672	776	1,323	800	1,091
O H Hutchings	Ohio	2848	H-6	1,782	1,013	1,200	879	1,107
O H Hutchings	Ohio	2848	H-7					
Omega JV2 Bowling Green	Ohio	7783	P001	0	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Madison Generating Station	Ohio	55110	1	0	0	0	0		
Madison Generating Station	Ohio	55110	2	0	0	0	0		
Madison Generating Station	Ohio	55110	3	0	0	0	0		
Madison Generating Station	Ohio	55110	4	0	0	0	0		
Madison Generating Station	Ohio	55110	5	0	0	0	0		
Madison Generating Station	Ohio	55110	6	0	0	0	0		
Madison Generating Station	Ohio	55110	7	0	0	0	0		
Madison Generating Station	Ohio	55110	8	0	0	0	0		
Miami Fort Generating Station	Ohio	2832	6	19,872	19,971	17,984	19,990		
Miami Fort Generating Station	Ohio	2832	7	2,469	2,658	3,597	64,169		
Miami Fort Generating Station	Ohio	2832	8	2,352	2,712	3,369	16,253		
Muskingum River	Ohio	2872	1	25,010	15,543	15,815	25,010		
Muskingum River	Ohio	2872	2	24,370	13,421	14,413	24,370		
Muskingum River	Ohio	2872	3	24,338	22,168	19,124	25,173		
Muskingum River	Ohio	2872	4	21,002	18,994	21,474	25,650		
Muskingum River	Ohio	2872	5	29,428	27,883	27,688	51,090		
Niles	Ohio	2861	1	6,620	6,269	5,490	9,084		
Niles	Ohio	2861	2	6,370	663	5,740	8,936		
Niles	Ohio	2861	CTA		0	1	1		
O H Hutchings	Ohio	2848	H-1	40	29	33	708		
O H Hutchings	Ohio	2848	H-2	66	23	42	700		
O H Hutchings	Ohio	2848	H-3	591	129	375	1,451		
O H Hutchings	Ohio	2848	H-4	778	328	158	1,681		
O H Hutchings	Ohio	2848	H-5	765	176	437	1,672		
O H Hutchings	Ohio	2848	H-6	646	111	360	1,782		
O H Hutchings	Ohio	2848	H-7		0	0	0		
Omega JV2 Bowling Green	Ohio	7783	P001	0	0	0	0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Madison Generating Station	Ohio	55110	1					5	1
Madison Generating Station	Ohio	55110	2					10	3
Madison Generating Station	Ohio	55110	3					6	2
Madison Generating Station	Ohio	55110	4					9	2
Madison Generating Station	Ohio	55110	5					2	1
Madison Generating Station	Ohio	55110	6					5	2
Madison Generating Station	Ohio	55110	7					6	1
Madison Generating Station	Ohio	55110	8					8	2
Miami Fort Generating Station	Ohio	2832	6					3,771	2,825
Miami Fort Generating Station	Ohio	2832	7					4,493	7,642
Miami Fort Generating Station	Ohio	2832	8					6,159	5,769
Muskingum River	Ohio	2872	1					3,364	3,284
Muskingum River	Ohio	2872	2					3,598	2,903
Muskingum River	Ohio	2872	3					3,613	3,201
Muskingum River	Ohio	2872	4					3,706	2,813
Muskingum River	Ohio	2872	5					11,162	8,737
Niles	Ohio	2861	1					2,772	2,951
Niles	Ohio	2861	2					3,054	1,680
Niles	Ohio	2861	CTA					1	0
O H Hutchings	Ohio	2848	H-1					347	108
O H Hutchings	Ohio	2848	H-2					350	88
O H Hutchings	Ohio	2848	H-3					698	322
O H Hutchings	Ohio	2848	H-4					832	486
O H Hutchings	Ohio	2848	H-5					756	389
O H Hutchings	Ohio	2848	H-6					791	506
O H Hutchings	Ohio	2848	H-7						
Omega JV2 Bowling Green	Ohio	7783	P001					1	1

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Madison Generating Station	Ohio	55110	1	12	6	6	2	3
Madison Generating Station	Ohio	55110	2	14	5	7	3	3
Madison Generating Station	Ohio	55110	3	13	5	5	2	3
Madison Generating Station	Ohio	55110	4	13	4	4	2	3
Madison Generating Station	Ohio	55110	5	10	4	5	2	3
Madison Generating Station	Ohio	55110	6	10	4	5	2	3
Madison Generating Station	Ohio	55110	7	11	5	5	1	3
Madison Generating Station	Ohio	55110	8	10	5	6	2	5
Miami Fort Generating Station	Ohio	2832	6	3,290	2,000	1,251	1,179	1,443
Miami Fort Generating Station	Ohio	2832	7	5,445	5,665	4,212	5,627	1,471
Miami Fort Generating Station	Ohio	2832	8	5,715	4,982	4,291	5,566	1,423
Muskingum River	Ohio	2872	1	2,928	2,869	3,912	3,999	1,638
Muskingum River	Ohio	2872	2	2,084	2,654	3,713	3,858	1,379
Muskingum River	Ohio	2872	3	2,337	2,646	3,707	3,926	2,026
Muskingum River	Ohio	2872	4	2,551	2,210	3,550	3,263	1,764
Muskingum River	Ohio	2872	5	5,797	7,567	6,124	1,095	997
Niles	Ohio	2861	1	2,700	2,517	2,737	2,137	889
Niles	Ohio	2861	2	1,454	1,131	2,119	1,793	139
Niles	Ohio	2861	CTA	1	6	0		1
O H Hutchings	Ohio	2848	H-1	267	77	46	16	12
O H Hutchings	Ohio	2848	H-2	289	65	41	27	10
O H Hutchings	Ohio	2848	H-3	568	174	364	183	39
O H Hutchings	Ohio	2848	H-4	514	240	394	239	100
O H Hutchings	Ohio	2848	H-5	607	234	333	213	56
O H Hutchings	Ohio	2848	H-6	544	256	340	180	34
O H Hutchings	Ohio	2848	H-7	1	1	0	2	1
Omega JV2 Bowling Green	Ohio	7783	P001	2	1	1	1	0

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Madison Generating Station	Ohio	55110	1	6	12				
Madison Generating Station	Ohio	55110	2	5	14				
Madison Generating Station	Ohio	55110	3	4	13				
Madison Generating Station	Ohio	55110	4	3	13				
Madison Generating Station	Ohio	55110	5	4	10				
Madison Generating Station	Ohio	55110	6	3	10				
Madison Generating Station	Ohio	55110	7	4	11				
Madison Generating Station	Ohio	55110	8	4	10				
Miami Fort Generating Station	Ohio	2832	6	1,259	3,771				
Miami Fort Generating Station	Ohio	2832	7	2,870	7,642				
Miami Fort Generating Station	Ohio	2832	8	1,693	6,159				
Muskingum River	Ohio	2872	1	1,849	3,999				
Muskingum River	Ohio	2872	2	1,698	3,858				
Muskingum River	Ohio	2872	3	2,142	3,926				
Muskingum River	Ohio	2872	4	2,352	3,706				
Muskingum River	Ohio	2872	5	877	11,162				
Niles	Ohio	2861	1	958	2,951				
Niles	Ohio	2861	2	1,053	3,054				
Niles	Ohio	2861	CTA	2	6				
O H Hutchings	Ohio	2848	H-1	14	347				
O H Hutchings	Ohio	2848	H-2	18	350				
O H Hutchings	Ohio	2848	H-3	117	698				
O H Hutchings	Ohio	2848	H-4	56	832				
O H Hutchings	Ohio	2848	H-5	140	756				
O H Hutchings	Ohio	2848	H-6	131	791				
O H Hutchings	Ohio	2848	H-7	1	2				
Omega JV2 Bowling Green	Ohio	7783	P001	1	2				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Madison Generating Station	Ohio	55110	1			0	0
Madison Generating Station	Ohio	55110	2			0	0
Madison Generating Station	Ohio	55110	3			0	0
Madison Generating Station	Ohio	55110	4			0	0
Madison Generating Station	Ohio	55110	5			0	0
Madison Generating Station	Ohio	55110	6			0	0
Madison Generating Station	Ohio	55110	7			0	0
Madison Generating Station	Ohio	55110	8			0	0
Miami Fort Generating Station	Ohio	2832	6			2,439	2,473
Miami Fort Generating Station	Ohio	2832	7			8,766	8,889
Miami Fort Generating Station	Ohio	2832	8			7,835	7,945
Muskingum River	Ohio	2872	1			2,448	2,483
Muskingum River	Ohio	2872	2			2,422	2,456
Muskingum River	Ohio	2872	3			2,505	2,540
Muskingum River	Ohio	2872	4			2,349	2,382
Muskingum River	Ohio	2872	5			8,373	8,491
Niles	Ohio	2861	1			1,437	1,457
Niles	Ohio	2861	2			1,001	1,015
Niles	Ohio	2861	CTA			1	1
O H Hutchings	Ohio	2848	H-1			34	34
O H Hutchings	Ohio	2848	H-2			34	34
O H Hutchings	Ohio	2848	H-3			270	274
O H Hutchings	Ohio	2848	H-4			331	336
O H Hutchings	Ohio	2848	H-5			314	319
O H Hutchings	Ohio	2848	H-6			309	313
O H Hutchings	Ohio	2848	H-7			0	0
Omega JV2 Bowling Green	Ohio	7783	P001			0	0

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Madison Generating Station	Ohio	55110	1	0	0	0	0
Madison Generating Station	Ohio	55110	2	0	0	0	0
Madison Generating Station	Ohio	55110	3	0	0	0	0
Madison Generating Station	Ohio	55110	4	0	0	0	0
Madison Generating Station	Ohio	55110	5	0	0	0	0
Madison Generating Station	Ohio	55110	6	0	0	0	0
Madison Generating Station	Ohio	55110	7	0	0	0	0
Madison Generating Station	Ohio	55110	8	0	0	0	0
Miami Fort Generating Station	Ohio	2832	6	1,089	1,089	1,089	1,089
Miami Fort Generating Station	Ohio	2832	7	3,913	3,913	3,913	3,913
Miami Fort Generating Station	Ohio	2832	8	3,498	3,498	3,498	3,498
Muskingum River	Ohio	2872	1	1,093	1,093	1,093	1,093
Muskingum River	Ohio	2872	2	1,081	1,081	1,081	1,081
Muskingum River	Ohio	2872	3	1,118	1,118	1,118	1,118
Muskingum River	Ohio	2872	4	1,049	1,049	1,049	1,049
Muskingum River	Ohio	2872	5	3,738	3,738	3,738	3,738
Niles	Ohio	2861	1	642	642	642	642
Niles	Ohio	2861	2	447	447	447	447
Niles	Ohio	2861	CTA	0	0	0	0
O H Hutchings	Ohio	2848	H-1	15	15	15	15
O H Hutchings	Ohio	2848	H-2	15	15	15	15
O H Hutchings	Ohio	2848	H-3	120	120	120	120
O H Hutchings	Ohio	2848	H-4	148	148	148	148
O H Hutchings	Ohio	2848	H-5	140	140	140	140
O H Hutchings	Ohio	2848	H-6	138	138	138	138
O H Hutchings	Ohio	2848	H-7	0	0	0	0
Omega JV2 Bowling Green	Ohio	7783	P001	0	0	0	0

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Madison Generating Station	Ohio	55110	1	12	12	12	12
Madison Generating Station	Ohio	55110	2	14	14	14	14
Madison Generating Station	Ohio	55110	3	13	13	13	13
Madison Generating Station	Ohio	55110	4	13	13	13	13
Madison Generating Station	Ohio	55110	5	10	10	10	10
Madison Generating Station	Ohio	55110	6	10	10	10	10
Madison Generating Station	Ohio	55110	7	11	11	11	11
Madison Generating Station	Ohio	55110	8	10	10	10	10
Miami Fort Generating Station	Ohio	2832	6	716	725	685	685
Miami Fort Generating Station	Ohio	2832	7	2,575	2,606	2,462	2,462
Miami Fort Generating Station	Ohio	2832	8	2,301	2,329	2,201	2,201
Muskingum River	Ohio	2872	1	719	728	688	688
Muskingum River	Ohio	2872	2	711	720	680	680
Muskingum River	Ohio	2872	3	736	745	704	704
Muskingum River	Ohio	2872	4	690	698	660	660
Muskingum River	Ohio	2872	5	2,460	2,489	2,352	2,352
Niles	Ohio	2861	1	422	427	404	404
Niles	Ohio	2861	2	294	298	281	281
Niles	Ohio	2861	CTA	0	0	0	0
O H Hutchings	Ohio	2848	H-1	10	10	9	9
O H Hutchings	Ohio	2848	H-2	10	10	9	9
O H Hutchings	Ohio	2848	H-3	79	80	76	76
O H Hutchings	Ohio	2848	H-4	97	98	93	93
O H Hutchings	Ohio	2848	H-5	92	93	88	88
O H Hutchings	Ohio	2848	H-6	91	92	87	87
O H Hutchings	Ohio	2848	H-7	0	0	0	0
Omega JV2 Bowling Green	Ohio	7783	P001	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
				(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)			
Calculation								
Madison Generating Station	Ohio	55110	1	12	12	156,300	150,036	47,226
Madison Generating Station	Ohio	55110	2	14	14	121,387	173,854	42,335
Madison Generating Station	Ohio	55110	3	13	13	130,915	143,059	32,510
Madison Generating Station	Ohio	55110	4	13	13	118,721	141,138	38,693
Madison Generating Station	Ohio	55110	5	10	10	111,339	132,698	33,220
Madison Generating Station	Ohio	55110	6	10	10	127,452	127,385	34,467
Madison Generating Station	Ohio	55110	7	11	11	125,847	118,764	27,276
Madison Generating Station	Ohio	55110	8	10	10	131,032	126,755	41,728
Miami Fort Generating Station	Ohio	2832	6	685	685	3,804,485	4,804,197	4,285,205
Miami Fort Generating Station	Ohio	2832	7	2,462	2,462	12,620,473	13,554,407	14,142,117
Miami Fort Generating Station	Ohio	2832	8	2,201	2,201	13,024,438	15,742,714	11,871,471
Muskingum River	Ohio	2872	1	688	688	2,423,591	4,687,122	4,686,013
Muskingum River	Ohio	2872	2	680	680	3,426,548	4,649,100	4,894,829
Muskingum River	Ohio	2872	3	704	704	3,943,450	4,019,969	4,265,150
Muskingum River	Ohio	2872	4	660	660	2,978,612	5,201,343	4,291,865
Muskingum River	Ohio	2872	5	2,352	2,352	14,049,389	14,121,716	14,472,288
Niles	Ohio	2861	1	404	404	2,740,413	3,116,721	1,341,062
Niles	Ohio	2861	2	281	281	1,752,958	2,478,359	1,657,528
Niles	Ohio	2861	CTA	0	0	9,552	364	
O H Hutchings	Ohio	2848	H-1	9	9	103,026	20,913	22,976
O H Hutchings	Ohio	2848	H-2	9	9	102,904	60,057	73,599
O H Hutchings	Ohio	2848	H-3	76	76	276,980	877,417	292,678
O H Hutchings	Ohio	2848	H-4	93	93	628,155	770,473	428,883
O H Hutchings	Ohio	2848	H-5	88	88	700,476	889,232	336,773
O H Hutchings	Ohio	2848	H-6	87	87	695,264	867,132	200,869
O H Hutchings	Ohio	2848	H-7	0	0	2,132	1,256	5,870
Omega JV2 Bowling Green	Ohio	7783	P001	1	1	19,025	8,783	8,231

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Madison Generating Station	Ohio	55110	1	28,924	203,042	169,793	616,903,319	0.000275
Madison Generating Station	Ohio	55110	2	31,387	134,381	143,207	616,903,319	0.000232
Madison Generating Station	Ohio	55110	3	21,359	111,827	128,600	616,903,319	0.000208
Madison Generating Station	Ohio	55110	4	26,757	120,243	126,701	616,903,319	0.000205
Madison Generating Station	Ohio	55110	5	28,940	135,545	126,527	616,903,319	0.000205
Madison Generating Station	Ohio	55110	6	22,800	116,480	123,772	616,903,319	0.000201
Madison Generating Station	Ohio	55110	7	28,514	118,520	121,043	616,903,319	0.000196
Madison Generating Station	Ohio	55110	8	65,128	167,003	141,597	616,903,319	0.000230
Miami Fort Generating Station	Ohio	2832	6	4,250,034	4,270,603	4,453,335	616,903,319	0.007219
Miami Fort Generating Station	Ohio	2832	7	15,983,498	17,505,839	15,877,151	616,903,319	0.025737
Miami Fort Generating Station	Ohio	2832	8	15,899,912	12,911,424	14,889,021	616,903,319	0.024135
Muskingum River	Ohio	2872	1	2,030,526	2,927,411	4,100,182	616,903,319	0.006646
Muskingum River	Ohio	2872	2	1,895,591	4,610,750	4,718,226	616,903,319	0.007648
Muskingum River	Ohio	2872	3	3,116,372	4,582,638	4,289,252	616,903,319	0.006953
Muskingum River	Ohio	2872	4	2,975,054	3,500,589	4,331,265	616,903,319	0.007021
Muskingum River	Ohio	2872	5	11,936,065	12,818,700	14,214,464	616,903,319	0.023042
Niles	Ohio	2861	1	1,186,155	942,847	2,399,399	616,903,319	0.003889
Niles	Ohio	2861	2	8,962	1,348,319	1,962,948	616,903,319	0.003182
Niles	Ohio	2861	CTA	610	2,995	4,386	616,903,319	0.000007
O H Hutchings	Ohio	2848	H-1	31,966	8,435	52,656	616,903,319	0.000085
O H Hutchings	Ohio	2848	H-2	30,852	26,986	78,853	616,903,319	0.000128
O H Hutchings	Ohio	2848	H-3	41,347	428,526	532,874	616,903,319	0.000864
O H Hutchings	Ohio	2848	H-4	84,876	13,311	609,170	616,903,319	0.000987
O H Hutchings	Ohio	2848	H-5	72,203	404,491	664,733	616,903,319	0.001078
O H Hutchings	Ohio	2848	H-6	64,865	336,138	632,844	616,903,319	0.001026
O H Hutchings	Ohio	2848	H-7	1,384	2,807	3,603	616,903,319	0.000006
Omega JV2 Bowling Green	Ohio	7783	P001	972	12,138	13,315	616,903,319	0.000022

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Madison Generating Station	Ohio	55110	1	40,458	38,233	11	11	5	0
Madison Generating Station	Ohio	55110	2	40,458	38,233	9	9	8	1
Madison Generating Station	Ohio	55110	3	40,458	38,233	8	8	5	1
Madison Generating Station	Ohio	55110	4	40,458	38,233	8	8	8	1
Madison Generating Station	Ohio	55110	5	40,458	38,233	8	8	1	0
Madison Generating Station	Ohio	55110	6	40,458	38,233	8	8	4	0
Madison Generating Station	Ohio	55110	7	40,458	38,233	8	8	5	0
Madison Generating Station	Ohio	55110	8	40,458	38,233	9	9	7	0
Miami Fort Generating Station	Ohio	2832	6	40,458	38,233	292	276	1,529	881
Miami Fort Generating Station	Ohio	2832	7	40,458	38,233	1,041	984	755	1,107
Miami Fort Generating Station	Ohio	2832	8	40,458	38,233	976	923	728	1,116
Muskingum River	Ohio	2872	1	40,458	38,233	269	254	651	778
Muskingum River	Ohio	2872	2	40,458	38,233	309	292	1,047	511
Muskingum River	Ohio	2872	3	40,458	38,233	281	266	1,249	796
Muskingum River	Ohio	2872	4	40,458	38,233	284	268	1,216	893
Muskingum River	Ohio	2872	5	40,458	38,233	932	881	5,840	3,128
Niles	Ohio	2861	1	40,458	38,233	157	149	1,428	941
Niles	Ohio	2861	2	40,458	38,233	129	122	1,373	628
Niles	Ohio	2861	CTA	40,458	38,233	0	0	1	0
O H Hutchings	Ohio	2848	H-1	40,458	38,233	3	3	117	24
O H Hutchings	Ohio	2848	H-2	40,458	38,233	5	5	133	24
O H Hutchings	Ohio	2848	H-3	40,458	38,233	35	33	217	60
O H Hutchings	Ohio	2848	H-4	40,458	38,233	40	38	278	155
O H Hutchings	Ohio	2848	H-5	40,458	38,233	44	41	266	94
O H Hutchings	Ohio	2848	H-6	40,458	38,233	42	39	284	122
O H Hutchings	Ohio	2848	H-7	40,458	38,233	0	0		
Omega JV2 Bowling Green	Ohio	7783	P001	40,458	38,233	1	1	0	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Madison Generating Station	Ohio	55110	1	8	2	2	1	0	3
Madison Generating Station	Ohio	55110	2	9	2	3	1	1	2
Madison Generating Station	Ohio	55110	3	8	2	2	1	0	2
Madison Generating Station	Ohio	55110	4	7	2	2	1	0	2
Madison Generating Station	Ohio	55110	5	6	1	2	1	1	2
Madison Generating Station	Ohio	55110	6	6	2	2	1	0	2
Madison Generating Station	Ohio	55110	7	6	2	2	0	0	2
Madison Generating Station	Ohio	55110	8	6	2	2	1	1	3
Miami Fort Generating Station	Ohio	2832	6	1,235	538	524	456	662	542
Miami Fort Generating Station	Ohio	2832	7	362	337	357	517	520	1,193
Miami Fort Generating Station	Ohio	2832	8	398	365	419	603	442	889
Muskingum River	Ohio	2872	1	738	479	1,032	1,109	497	778
Muskingum River	Ohio	2872	2	488	668	1,011	1,146	385	1,217
Muskingum River	Ohio	2872	3	627	711	857	1,009	604	1,190
Muskingum River	Ohio	2872	4	577	550	1,101	1,005	583	902
Muskingum River	Ohio	2872	5	509	476	305	394	361	359
Niles	Ohio	2861	1	674	789	1,057	458	299	396
Niles	Ohio	2861	2	384	500	813	555	4	545
Niles	Ohio	2861	CTA	1	6	0		0	2
O H Hutchings	Ohio	2848	H-1	119	32	5	6	8	2
O H Hutchings	Ohio	2848	H-2	140	32	16	19	9	5
O H Hutchings	Ohio	2848	H-3	242	50	168	50	7	72
O H Hutchings	Ohio	2848	H-4	256	122	143	72	14	2
O H Hutchings	Ohio	2848	H-5	217	123	152	54	13	73
O H Hutchings	Ohio	2848	H-6	217	122	154	33	12	66
O H Hutchings	Ohio	2848	H-7	1	1	0	2	0	1
Omega JV2 Bowling Green	Ohio	7783	P001	1	1	1	1	0	1

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Madison Generating Station	Ohio	55110	1	8					
Madison Generating Station	Ohio	55110	2	9					
Madison Generating Station	Ohio	55110	3	8					
Madison Generating Station	Ohio	55110	4	8					
Madison Generating Station	Ohio	55110	5	6					
Madison Generating Station	Ohio	55110	6	6					
Madison Generating Station	Ohio	55110	7	6					
Madison Generating Station	Ohio	55110	8	7					
Miami Fort Generating Station	Ohio	2832	6	1,529					
Miami Fort Generating Station	Ohio	2832	7	1,193					
Miami Fort Generating Station	Ohio	2832	8	1,116					
Muskingum River	Ohio	2872	1	1,109					
Muskingum River	Ohio	2872	2	1,217					
Muskingum River	Ohio	2872	3	1,249					
Muskingum River	Ohio	2872	4	1,216					
Muskingum River	Ohio	2872	5	5,840					
Niles	Ohio	2861	1	1,428					
Niles	Ohio	2861	2	1,373					
Niles	Ohio	2861	CTA	6					
O H Hutchings	Ohio	2848	H-1	119					
O H Hutchings	Ohio	2848	H-2	140					
O H Hutchings	Ohio	2848	H-3	242					
O H Hutchings	Ohio	2848	H-4	278					
O H Hutchings	Ohio	2848	H-5	266					
O H Hutchings	Ohio	2848	H-6	284					
O H Hutchings	Ohio	2848	H-7	2					
Omega JV2 Bowling Green	Ohio	7783	P001	1					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Madison Generating Station	Ohio	55110	1			8	8
Madison Generating Station	Ohio	55110	2			9	9
Madison Generating Station	Ohio	55110	3			8	8
Madison Generating Station	Ohio	55110	4			8	8
Madison Generating Station	Ohio	55110	5			6	6
Madison Generating Station	Ohio	55110	6			6	6
Madison Generating Station	Ohio	55110	7			6	6
Madison Generating Station	Ohio	55110	8			7	7
Miami Fort Generating Station	Ohio	2832	6			309	314
Miami Fort Generating Station	Ohio	2832	7			1,103	1,119
Miami Fort Generating Station	Ohio	2832	8			1,035	1,049
Muskingum River	Ohio	2872	1			285	289
Muskingum River	Ohio	2872	2			328	333
Muskingum River	Ohio	2872	3			298	302
Muskingum River	Ohio	2872	4			301	305
Muskingum River	Ohio	2872	5			988	1,002
Niles	Ohio	2861	1			167	169
Niles	Ohio	2861	2			136	138
Niles	Ohio	2861	CTA			0	0
O H Hutchings	Ohio	2848	H-1			4	4
O H Hutchings	Ohio	2848	H-2			5	6
O H Hutchings	Ohio	2848	H-3			37	38
O H Hutchings	Ohio	2848	H-4			42	43
O H Hutchings	Ohio	2848	H-5			46	47
O H Hutchings	Ohio	2848	H-6			44	45
O H Hutchings	Ohio	2848	H-7			0	0
Omega JV2 Bowling Green	Ohio	7783	P001			1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Madison Generating Station	Ohio	55110	1	8	8	8	8
Madison Generating Station	Ohio	55110	2	9	9	9	9
Madison Generating Station	Ohio	55110	3	8	8	8	8
Madison Generating Station	Ohio	55110	4	8	8	8	8
Madison Generating Station	Ohio	55110	5	6	6	6	6
Madison Generating Station	Ohio	55110	6	6	6	6	6
Madison Generating Station	Ohio	55110	7	6	6	6	6
Madison Generating Station	Ohio	55110	8	7	7	7	7
Miami Fort Generating Station	Ohio	2832	6	294	294	294	294
Miami Fort Generating Station	Ohio	2832	7	1,048	1,048	1,048	1,048
Miami Fort Generating Station	Ohio	2832	8	983	983	983	983
Muskingum River	Ohio	2872	1	271	271	271	271
Muskingum River	Ohio	2872	2	312	312	312	312
Muskingum River	Ohio	2872	3	283	283	283	283
Muskingum River	Ohio	2872	4	286	286	286	286
Muskingum River	Ohio	2872	5	939	939	939	939
Niles	Ohio	2861	1	158	158	158	158
Niles	Ohio	2861	2	130	130	130	130
Niles	Ohio	2861	CTA	0	0	0	0
O H Hutchings	Ohio	2848	H-1	3	3	3	3
O H Hutchings	Ohio	2848	H-2	5	5	5	5
O H Hutchings	Ohio	2848	H-3	35	35	35	35
O H Hutchings	Ohio	2848	H-4	40	40	40	40
O H Hutchings	Ohio	2848	H-5	44	44	44	44
O H Hutchings	Ohio	2848	H-6	42	42	42	42
O H Hutchings	Ohio	2848	H-7	0	0	0	0
Omega JV2 Bowling Green	Ohio	7783	P001	1	1	1	1

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Madison Generating Station	Ohio	55110	1	Y	Y		Y		
Madison Generating Station	Ohio	55110	2	Y	Y		Y		
Madison Generating Station	Ohio	55110	3	Y	Y		Y		
Madison Generating Station	Ohio	55110	4	Y	Y		Y		
Madison Generating Station	Ohio	55110	5	Y	Y		Y		
Madison Generating Station	Ohio	55110	6	Y	Y		Y		
Madison Generating Station	Ohio	55110	7	Y	Y		Y		
Madison Generating Station	Ohio	55110	8	Y	Y		Y		
Miami Fort Generating Station	Ohio	2832	6	Y	Y		Y		
Miami Fort Generating Station	Ohio	2832	7	Y	Y		Y		
Miami Fort Generating Station	Ohio	2832	8	Y	Y		Y		
Muskingum River	Ohio	2872	1	Y	Y		Y		
Muskingum River	Ohio	2872	2	Y	Y		Y		
Muskingum River	Ohio	2872	3	Y	Y		Y		
Muskingum River	Ohio	2872	4	Y	Y		Y		
Muskingum River	Ohio	2872	5	Y	Y		Y		
Niles	Ohio	2861	1	Y	Y		Y		
Niles	Ohio	2861	2	Y	Y		Y		
Niles	Ohio	2861	CTA	Y	Y		Y		
O H Hutchings	Ohio	2848	H-1	Y	Y		Y		
O H Hutchings	Ohio	2848	H-2	Y	Y		Y		
O H Hutchings	Ohio	2848	H-3	Y	Y		Y		
O H Hutchings	Ohio	2848	H-4	Y	Y		Y		
O H Hutchings	Ohio	2848	H-5	Y	Y		Y		
O H Hutchings	Ohio	2848	H-6	Y	Y		Y		
O H Hutchings	Ohio	2848	H-7	Y	Y		Y		
Omega JV2 Bowling Green	Ohio	7783	P001	Y	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Omega JV2 Hamilton	Ohio	7782	P001	3225	17,138	7,166	7,290	4,257	13,189
Picway	Ohio	2843	9	1924	3,448,757	4,889,885	4,220,924	1,455,688	836,754
R E Burger	Ohio	2864	5	1952		506,796	69,614		2,483
R E Burger	Ohio	2864	6	1953		471,103	79,247		2,240
R E Burger	Ohio	2864	7	1954	9,584,154	9,504,046	8,339,446	1,880,056	5,281,321
R E Burger	Ohio	2864	8	1955	9,424,262	9,383,899	8,019,859	4,652,885	6,992,855
Richard Gorsuch	Ohio	7253	1	3057	3,621,082	4,396,605	4,245,274	2,658,709	2,149,061
Richard Gorsuch	Ohio	7253	2	3058	4,003,690	4,554,852	4,152,567	2,744,427	3,047,375
Richard Gorsuch	Ohio	7253	3	3059	3,229,962	4,262,725	4,101,128	3,584,132	2,890,166
Richard Gorsuch	Ohio	7253	4	3060	3,373,420	4,127,614	4,290,215	2,175,567	2,278,397
Richland Peaking Station	Ohio	2880	CTG4	1988	191,464	240,418	75,263	31,722	384,920
Richland Peaking Station	Ohio	2880	CTG5	1989	192,504	221,212	73,131	25,758	403,937
Richland Peaking Station	Ohio	2880	CTG6	1990	79,050	205,094	70,995	20,468	322,970
Robert P Mone	Ohio	7872	1	3336	254,731	640,588	152,652	104,016	212,953
Robert P Mone	Ohio	7872	2	3337	227,466	560,220	76,933	70,746	187,804
Robert P Mone	Ohio	7872	3	3338	211,575	587,952	138,487	61,937	144,774
Rolling Hills Generating LLC	Ohio	55401	CT-1	4669	25,173	95,815	119,603	20,328	103,265
Rolling Hills Generating LLC	Ohio	55401	CT-2	4670	44,136	47,823	144,414	37,276	90,385
Rolling Hills Generating LLC	Ohio	55401	CT-3	4671	47,343	91,141	125,431	39,009	59,549
Rolling Hills Generating LLC	Ohio	55401	CT-4	4672	34,238	75,116	95,364	12,793	130,438
Rolling Hills Generating LLC	Ohio	55401	CT-5	4673	34,540	81,336	98,282	44,561	75,050
Tait Electric Generating Station	Ohio	55248	CT4	4319	48,921	207,401	108,201	129,833	207,750
Tait Electric Generating Station	Ohio	55248	CT5	4320	41,998	215,375	118,337	145,266	209,247
Tait Electric Generating Station	Ohio	55248	CT6	4321	45,799	221,358	111,996	140,352	195,350
Tait Electric Generating Station	Ohio	55248	CT7	4322	46,134	224,027	116,121	140,619	209,411
Troy Energy, LLC	Ohio	55348	1	4535	102,603	228,923	61,691	42,374	474,422
Troy Energy, LLC	Ohio	55348	2	4536	151,319	243,232	111,834	132,985	497,957

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Omega JV2 Hamilton	Ohio	7782	P001	12,539	1,419,359,736	0.000009	309,085	139,395
Picway	Ohio	2843	9	4,186,522	1,419,359,736	0.002950	309,085	139,395
R E Burger	Ohio	2864	5	192,965	1,419,359,736	0.000136	309,085	139,395
R E Burger	Ohio	2864	6	184,196	1,419,359,736	0.000130	309,085	139,395
R E Burger	Ohio	2864	7	9,142,548	1,419,359,736	0.006441	309,085	139,395
R E Burger	Ohio	2864	8	8,942,673	1,419,359,736	0.006300	309,085	139,395
Richard Gorsuch	Ohio	7253	1	4,087,654	1,419,359,736	0.002880	309,085	139,395
Richard Gorsuch	Ohio	7253	2	4,237,036	1,419,359,736	0.002985	309,085	139,395
Richard Gorsuch	Ohio	7253	3	3,982,662	1,419,359,736	0.002806	309,085	139,395
Richard Gorsuch	Ohio	7253	4	3,930,416	1,419,359,736	0.002769	309,085	139,395
Richland Peaking Station	Ohio	2880	CTG4	272,268	1,419,359,736	0.000192	309,085	139,395
Richland Peaking Station	Ohio	2880	CTG5	272,551	1,419,359,736	0.000192	309,085	139,395
Richland Peaking Station	Ohio	2880	CTG6	202,371	1,419,359,736	0.000143	309,085	139,395
Robert P Mone	Ohio	7872	1	369,424	1,419,359,736	0.000260	309,085	139,395
Robert P Mone	Ohio	7872	2	325,163	1,419,359,736	0.000229	309,085	139,395
Robert P Mone	Ohio	7872	3	314,767	1,419,359,736	0.000222	309,085	139,395
Rolling Hills Generating LLC	Ohio	55401	CT-1	106,228	1,419,359,736	0.000075	309,085	139,395
Rolling Hills Generating LLC	Ohio	55401	CT-2	94,207	1,419,359,736	0.000066	309,085	139,395
Rolling Hills Generating LLC	Ohio	55401	CT-3	92,040	1,419,359,736	0.000065	309,085	139,395
Rolling Hills Generating LLC	Ohio	55401	CT-4	100,306	1,419,359,736	0.000071	309,085	139,395
Rolling Hills Generating LLC	Ohio	55401	CT-5	84,889	1,419,359,736	0.000060	309,085	139,395
Tait Electric Generating Station	Ohio	55248	CT4	181,662	1,419,359,736	0.000128	309,085	139,395
Tait Electric Generating Station	Ohio	55248	CT5	189,962	1,419,359,736	0.000134	309,085	139,395
Tait Electric Generating Station	Ohio	55248	CT6	185,687	1,419,359,736	0.000131	309,085	139,395
Tait Electric Generating Station	Ohio	55248	CT7	191,352	1,419,359,736	0.000135	309,085	139,395
Troy Energy, LLC	Ohio	55348	1	268,649	1,419,359,736	0.000189	309,085	139,395
Troy Energy, LLC	Ohio	55348	2	297,503	1,419,359,736	0.000210	309,085	139,395

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Omega JV2 Hamilton	Ohio	7782	P001	93,559	88,453	3	1	1	1
Picway	Ohio	2843	9	93,559	88,453	912	411	276	261
R E Burger	Ohio	2864	5	93,559	88,453	42	19	13	12
R E Burger	Ohio	2864	6	93,559	88,453	40	18	12	11
R E Burger	Ohio	2864	7	93,559	88,453	1,991	898	603	570
R E Burger	Ohio	2864	8	93,559	88,453	1,947	878	589	557
Richard Gorsuch	Ohio	7253	1	93,559	88,453	890	401	269	255
Richard Gorsuch	Ohio	7253	2	93,559	88,453	923	416	279	264
Richard Gorsuch	Ohio	7253	3	93,559	88,453	867	391	263	248
Richard Gorsuch	Ohio	7253	4	93,559	88,453	856	386	259	245
Richland Peaking Station	Ohio	2880	CTG4	93,559	88,453	59	27	18	17
Richland Peaking Station	Ohio	2880	CTG5	93,559	88,453	59	27	18	17
Richland Peaking Station	Ohio	2880	CTG6	93,559	88,453	44	20	13	13
Robert P Mone	Ohio	7872	1	93,559	88,453	80	36	24	23
Robert P Mone	Ohio	7872	2	93,559	88,453	71	32	21	20
Robert P Mone	Ohio	7872	3	93,559	88,453	69	31	21	20
Rolling Hills Generating LLC	Ohio	55401	CT-1	93,559	88,453	23	10	7	7
Rolling Hills Generating LLC	Ohio	55401	CT-2	93,559	88,453	21	9	6	6
Rolling Hills Generating LLC	Ohio	55401	CT-3	93,559	88,453	20	9	6	6
Rolling Hills Generating LLC	Ohio	55401	CT-4	93,559	88,453	22	10	7	6
Rolling Hills Generating LLC	Ohio	55401	CT-5	93,559	88,453	18	8	6	5
Tait Electric Generating Station	Ohio	55248	CT4	93,559	88,453	40	18	12	11
Tait Electric Generating Station	Ohio	55248	CT5	93,559	88,453	41	19	13	12
Tait Electric Generating Station	Ohio	55248	CT6	93,559	88,453	40	18	12	12
Tait Electric Generating Station	Ohio	55248	CT7	93,559	88,453	42	19	13	12
Troy Energy, LLC	Ohio	55348	1	93,559	88,453	59	26	18	17
Troy Energy, LLC	Ohio	55348	2	93,559	88,453	65	29	20	19

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Omega JV2 Hamilton	Ohio	7782	P001	0	0	0	0	0
Picway	Ohio	2843	9	10,444	9,378	6,565	6,441	7,418
R E Burger	Ohio	2864	5	294	147	433		723
R E Burger	Ohio	2864	6	323	313	347		671
R E Burger	Ohio	2864	7	14,347	15,124	17,689	8,730	10,553
R E Burger	Ohio	2864	8	14,965	11,191	19,129	8,565	10,562
Richard Gorsuch	Ohio	7253	1	7,159	5,952	5,760	5,261	6,950
Richard Gorsuch	Ohio	7253	2	6,460	7,557	6,738	5,781	7,195
Richard Gorsuch	Ohio	7253	3	8,144	8,293	5,701	4,599	6,707
Richard Gorsuch	Ohio	7253	4	7,449	7,862	5,413	4,841	6,505
Richland Peaking Station	Ohio	2880	CTG4	0	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG5	0	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG6	0	0	0	0	0
Robert P Mone	Ohio	7872	1	0	0	0	0	0
Robert P Mone	Ohio	7872	2	0	0	0	0	0
Robert P Mone	Ohio	7872	3	0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-1	0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-2	0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-3	0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-4	0	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-5	0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT4	0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT5	0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT6	0	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT7	0	0	0	0	0
Troy Energy, LLC	Ohio	55348	1	0	1	3	1	1
Troy Energy, LLC	Ohio	55348	2	0	0	1	0	0

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Omega JV2 Hamilton	Ohio	7782	P001	0	0	0	0		
Picway	Ohio	2843	9	6,269	2,222	1,152	10,444		
R E Burger	Ohio	2864	5	81		3	723		
R E Burger	Ohio	2864	6	93		3	671		
R E Burger	Ohio	2864	7	7,688	1,696	5,638	17,689		
R E Burger	Ohio	2864	8	7,263	4,292	7,076	19,129		
Richard Gorsuch	Ohio	7253	1	7,802	5,034	3,448	7,802		0
Richard Gorsuch	Ohio	7253	2	7,601	5,229	4,881	7,601		0
Richard Gorsuch	Ohio	7253	3	7,387	6,808	4,651	8,293		0
Richard Gorsuch	Ohio	7253	4	7,773	4,096	3,670	7,862		0
Richland Peaking Station	Ohio	2880	CTG4	0	0	0	0		
Richland Peaking Station	Ohio	2880	CTG5	0	0	0	0		
Richland Peaking Station	Ohio	2880	CTG6	0	0	0	0		
Robert P Mone	Ohio	7872	1	0	0	0	0		
Robert P Mone	Ohio	7872	2	0	0	0	0		
Robert P Mone	Ohio	7872	3	0	0	0	0		
Rolling Hills Generating LLC	Ohio	55401	CT-1	0	0	0	0		
Rolling Hills Generating LLC	Ohio	55401	CT-2	0	0	0	0		
Rolling Hills Generating LLC	Ohio	55401	CT-3	0	0	0	0		
Rolling Hills Generating LLC	Ohio	55401	CT-4	0	0	0	0		
Rolling Hills Generating LLC	Ohio	55401	CT-5	0	0	0	0		
Tait Electric Generating Station	Ohio	55248	CT4	0	0	0	0		
Tait Electric Generating Station	Ohio	55248	CT5	0	0	0	0		
Tait Electric Generating Station	Ohio	55248	CT6	0	0	0	0		
Tait Electric Generating Station	Ohio	55248	CT7	0	0	0	0		
Troy Energy, LLC	Ohio	55348	1	0	0	0	3		
Troy Energy, LLC	Ohio	55348	2	0	0	0	1		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Omega JV2 Hamilton	Ohio	7782	P001					0	0
Picway	Ohio	2843	9					1,142	806
R E Burger	Ohio	2864	5					31	18
R E Burger	Ohio	2864	6					36	38
R E Burger	Ohio	2864	7					1,777	1,805
R E Burger	Ohio	2864	8					1,760	1,318
Richard Gorsuch	Ohio	7253	1	0	0	0	0	718	533
Richard Gorsuch	Ohio	7253	2	0	0	0	0	644	652
Richard Gorsuch	Ohio	7253	3	0	0	0	0	810	729
Richard Gorsuch	Ohio	7253	4	0	0	0	0	746	711
Richland Peaking Station	Ohio	2880	CTG4					7	6
Richland Peaking Station	Ohio	2880	CTG5					11	8
Richland Peaking Station	Ohio	2880	CTG6					17	9
Robert P Mone	Ohio	7872	1					8	4
Robert P Mone	Ohio	7872	2					5	3
Robert P Mone	Ohio	7872	3					5	3
Rolling Hills Generating LLC	Ohio	55401	CT-1					1	0
Rolling Hills Generating LLC	Ohio	55401	CT-2					1	1
Rolling Hills Generating LLC	Ohio	55401	CT-3					3	0
Rolling Hills Generating LLC	Ohio	55401	CT-4					0	0
Rolling Hills Generating LLC	Ohio	55401	CT-5					0	0
Tait Electric Generating Station	Ohio	55248	CT4					1	0
Tait Electric Generating Station	Ohio	55248	CT5					1	0
Tait Electric Generating Station	Ohio	55248	CT6					1	1
Tait Electric Generating Station	Ohio	55248	CT7					1	0
Troy Energy, LLC	Ohio	55348	1					3	2
Troy Energy, LLC	Ohio	55348	2					3	0

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Omega JV2 Hamilton	Ohio	7782	P001	2	1	0	1	0
Picway	Ohio	2843	9	703	758	1,157	1,014	359
R E Burger	Ohio	2864	5	44		88	12	
R E Burger	Ohio	2864	6	36		82	14	
R E Burger	Ohio	2864	7	2,602	1,720	1,629	1,350	248
R E Burger	Ohio	2864	8	2,677	1,685	1,605	1,296	658
Richard Gorsuch	Ohio	7253	1	572	665	844	802	439
Richard Gorsuch	Ohio	7253	2	649	732	875	770	427
Richard Gorsuch	Ohio	7253	3	558	594	824	772	566
Richard Gorsuch	Ohio	7253	4	529	645	810	817	367
Richland Peaking Station	Ohio	2880	CTG4	14	7	9	3	1
Richland Peaking Station	Ohio	2880	CTG5	14	7	9	3	1
Richland Peaking Station	Ohio	2880	CTG6	15	3	8	3	1
Robert P Mone	Ohio	7872	1	8	3	12	3	2
Robert P Mone	Ohio	7872	2	7	3	7	1	2
Robert P Mone	Ohio	7872	3	8	3	9	2	1
Rolling Hills Generating LLC	Ohio	55401	CT-1	2	1	2	3	2
Rolling Hills Generating LLC	Ohio	55401	CT-2	1	1	1	3	1
Rolling Hills Generating LLC	Ohio	55401	CT-3	1	1	2	3	1
Rolling Hills Generating LLC	Ohio	55401	CT-4	1	1	2	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-5	2	1	2	3	1
Tait Electric Generating Station	Ohio	55248	CT4	1	1	3	2	3
Tait Electric Generating Station	Ohio	55248	CT5	1	1	3	2	3
Tait Electric Generating Station	Ohio	55248	CT6	1	1	3	2	3
Tait Electric Generating Station	Ohio	55248	CT7	1	1	3	2	4
Troy Energy, LLC	Ohio	55348	1	13	3	6	1	1
Troy Energy, LLC	Ohio	55348	2	9	2	6	2	2

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Omega JV2 Hamilton	Ohio	7782	P001	1	2				
Picway	Ohio	2843	9	200	1,157				
R E Burger	Ohio	2864	5	0	88				
R E Burger	Ohio	2864	6	0	82				
R E Burger	Ohio	2864	7	815	2,602				
R E Burger	Ohio	2864	8	1,046	2,677				
Richard Gorsuch	Ohio	7253	1	356	844	0	0	0	0
Richard Gorsuch	Ohio	7253	2	494	875	0	0	0	0
Richard Gorsuch	Ohio	7253	3	467	824	0	0	0	0
Richard Gorsuch	Ohio	7253	4	385	817	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG4	15	15				
Richland Peaking Station	Ohio	2880	CTG5	15	15				
Richland Peaking Station	Ohio	2880	CTG6	12	17				
Robert P Mone	Ohio	7872	1	4	12				
Robert P Mone	Ohio	7872	2	4	7				
Robert P Mone	Ohio	7872	3	3	9				
Rolling Hills Generating LLC	Ohio	55401	CT-1	2	3				
Rolling Hills Generating LLC	Ohio	55401	CT-2	2	3				
Rolling Hills Generating LLC	Ohio	55401	CT-3	2	3				
Rolling Hills Generating LLC	Ohio	55401	CT-4	3	3				
Rolling Hills Generating LLC	Ohio	55401	CT-5	2	3				
Tait Electric Generating Station	Ohio	55248	CT4	5	5				
Tait Electric Generating Station	Ohio	55248	CT5	5	5				
Tait Electric Generating Station	Ohio	55248	CT6	4	4				
Tait Electric Generating Station	Ohio	55248	CT7	5	5				
Troy Energy, LLC	Ohio	55348	1	7	13				
Troy Energy, LLC	Ohio	55348	2	8	9				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Omega JV2 Hamilton	Ohio	7782	P001			0	0
Picway	Ohio	2843	9			962	976
R E Burger	Ohio	2864	5			44	45
R E Burger	Ohio	2864	6			42	43
R E Burger	Ohio	2864	7			2,102	2,131
R E Burger	Ohio	2864	8			2,056	2,085
Richard Gorsuch	Ohio	7253	1	0	0	940	0
Richard Gorsuch	Ohio	7253	2	0	0	974	0
Richard Gorsuch	Ohio	7253	3	0	0	916	0
Richard Gorsuch	Ohio	7253	4	0	0	904	0
Richland Peaking Station	Ohio	2880	CTG4			0	0
Richland Peaking Station	Ohio	2880	CTG5			0	0
Richland Peaking Station	Ohio	2880	CTG6			0	0
Robert P Mone	Ohio	7872	1			0	0
Robert P Mone	Ohio	7872	2			0	0
Robert P Mone	Ohio	7872	3			0	0
Rolling Hills Generating LLC	Ohio	55401	CT-1			0	0
Rolling Hills Generating LLC	Ohio	55401	CT-2			0	0
Rolling Hills Generating LLC	Ohio	55401	CT-3			0	0
Rolling Hills Generating LLC	Ohio	55401	CT-4			0	0
Rolling Hills Generating LLC	Ohio	55401	CT-5			0	0
Tait Electric Generating Station	Ohio	55248	CT4			0	0
Tait Electric Generating Station	Ohio	55248	CT5			0	0
Tait Electric Generating Station	Ohio	55248	CT6			0	0
Tait Electric Generating Station	Ohio	55248	CT7			0	0
Troy Energy, LLC	Ohio	55348	1			3	3
Troy Energy, LLC	Ohio	55348	2			1	1

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Omega JV2 Hamilton	Ohio	7782	P001	0	0	0	0
Picway	Ohio	2843	9	430	430	430	430
R E Burger	Ohio	2864	5	20	20	20	20
R E Burger	Ohio	2864	6	19	19	19	19
R E Burger	Ohio	2864	7	938	938	938	938
R E Burger	Ohio	2864	8	918	918	918	918
Richard Gorsuch	Ohio	7253	1	0	0	0	0
Richard Gorsuch	Ohio	7253	2	0	0	0	0
Richard Gorsuch	Ohio	7253	3	0	0	0	0
Richard Gorsuch	Ohio	7253	4	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG4	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG5	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG6	0	0	0	0
Robert P Mone	Ohio	7872	1	0	0	0	0
Robert P Mone	Ohio	7872	2	0	0	0	0
Robert P Mone	Ohio	7872	3	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-1	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-2	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-3	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-4	0	0	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-5	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT4	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT5	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT6	0	0	0	0
Tait Electric Generating Station	Ohio	55248	CT7	0	0	0	0
Troy Energy, LLC	Ohio	55348	1	3	3	3	3
Troy Energy, LLC	Ohio	55348	2	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Omega JV2 Hamilton	Ohio	7782	P001	1	1	1	1
Picway	Ohio	2843	9	283	286	270	270
R E Burger	Ohio	2864	5	13	13	12	12
R E Burger	Ohio	2864	6	12	13	12	12
R E Burger	Ohio	2864	7	617	625	590	590
R E Burger	Ohio	2864	8	604	611	578	578
Richard Gorsuch	Ohio	7253	1	276	0	0	0
Richard Gorsuch	Ohio	7253	2	286	0	0	0
Richard Gorsuch	Ohio	7253	3	269	0	0	0
Richard Gorsuch	Ohio	7253	4	265	0	0	0
Richland Peaking Station	Ohio	2880	CTG4	15	15	15	15
Richland Peaking Station	Ohio	2880	CTG5	15	15	15	15
Richland Peaking Station	Ohio	2880	CTG6	14	14	13	13
Robert P Mone	Ohio	7872	1	12	12	12	12
Robert P Mone	Ohio	7872	2	7	7	7	7
Robert P Mone	Ohio	7872	3	9	9	9	9
Rolling Hills Generating LLC	Ohio	55401	CT-1	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-2	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-4	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-5	3	3	3	3
Tait Electric Generating Station	Ohio	55248	CT4	5	5	5	5
Tait Electric Generating Station	Ohio	55248	CT5	5	5	5	5
Tait Electric Generating Station	Ohio	55248	CT6	4	4	4	4
Tait Electric Generating Station	Ohio	55248	CT7	5	5	5	5
Troy Energy, LLC	Ohio	55348	1	13	13	13	13
Troy Energy, LLC	Ohio	55348	2	9	9	9	9

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)		
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Omega JV2 Hamilton	Ohio	7782	P001	1	1	16,672	6,376	7,290
Picway	Ohio	2843	9	270	270	1,538,382	2,222,122	1,763,790
R E Burger	Ohio	2864	5	12	12		433,559	67,709
R E Burger	Ohio	2864	6	12	12		422,640	79,187
R E Burger	Ohio	2864	7	590	590	3,930,886	4,144,198	3,524,443
R E Burger	Ohio	2864	8	578	578	3,977,170	4,325,923	3,590,122
Richard Gorsuch	Ohio	7253	1	0	0	1,545,156	1,961,328	1,964,544
Richard Gorsuch	Ohio	7253	2	0	0	1,542,018	2,031,481	2,036,538
Richard Gorsuch	Ohio	7253	3	0	0	1,549,386	1,824,283	1,780,437
Richard Gorsuch	Ohio	7253	4	0	0	1,461,533	1,643,846	1,794,363
Richland Peaking Station	Ohio	2880	CTG4	15	15	190,854	227,657	72,492
Richland Peaking Station	Ohio	2880	CTG5	15	15	166,626	217,293	70,591
Richland Peaking Station	Ohio	2880	CTG6	13	13	78,453	202,535	68,371
Robert P Mone	Ohio	7872	1	12	12	210,712	412,651	107,381
Robert P Mone	Ohio	7872	2	7	7	175,223	387,151	62,984
Robert P Mone	Ohio	7872	3	9	9	166,486	393,575	93,513
Rolling Hills Generating LLC	Ohio	55401	CT-1	3	3	21,916	80,328	116,239
Rolling Hills Generating LLC	Ohio	55401	CT-2	3	3	40,629	44,308	141,276
Rolling Hills Generating LLC	Ohio	55401	CT-3	3	3	43,118	75,675	122,311
Rolling Hills Generating LLC	Ohio	55401	CT-4	3	3	31,134	67,679	92,321
Rolling Hills Generating LLC	Ohio	55401	CT-5	3	3	31,075	64,604	98,282
Tait Electric Generating Station	Ohio	55248	CT4	5	5	45,431	180,466	61,027
Tait Electric Generating Station	Ohio	55248	CT5	5	5	39,685	187,262	69,277
Tait Electric Generating Station	Ohio	55248	CT6	4	4	44,074	186,740	62,166
Tait Electric Generating Station	Ohio	55248	CT7	5	5	44,410	189,581	68,083
Troy Energy, LLC	Ohio	55348	1	13	13	102,603	150,254	37,575
Troy Energy, LLC	Ohio	55348	2	9	9	116,257	151,254	66,914

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Omega JV2 Hamilton	Ohio	7782	P001	4,257	13,148	12,370	616,903,319	0.000020
Picway	Ohio	2843	9	1,171,539	679,480	1,841,431	616,903,319	0.002985
R E Burger	Ohio	2864	5		2,483	167,917	616,903,319	0.000272
R E Burger	Ohio	2864	6		2,240	168,022	616,903,319	0.000272
R E Burger	Ohio	2864	7	128,378	2,506,590	3,866,509	616,903,319	0.006268
R E Burger	Ohio	2864	8	1,610,074	3,166,266	3,964,405	616,903,319	0.006426
Richard Gorsuch	Ohio	7253	1	1,291,500	1,148,036	1,823,676	616,903,319	0.002956
Richard Gorsuch	Ohio	7253	2	1,118,198	1,383,285	1,870,012	616,903,319	0.003031
Richard Gorsuch	Ohio	7253	3	1,348,517	1,676,974	1,760,565	616,903,319	0.002854
Richard Gorsuch	Ohio	7253	4	970,028	1,303,985	1,633,247	616,903,319	0.002647
Richland Peaking Station	Ohio	2880	CTG4	28,985	355,962	258,158	616,903,319	0.000418
Richland Peaking Station	Ohio	2880	CTG5	22,628	379,965	254,628	616,903,319	0.000413
Richland Peaking Station	Ohio	2880	CTG6	16,961	311,854	197,614	616,903,319	0.000320
Robert P Mone	Ohio	7872	1	18,661	173,988	265,784	616,903,319	0.000431
Robert P Mone	Ohio	7872	2	21,899	155,124	239,166	616,903,319	0.000388
Robert P Mone	Ohio	7872	3	16,402	110,233	223,431	616,903,319	0.000362
Rolling Hills Generating LLC	Ohio	55401	CT-1	14,758	86,556	94,374	616,903,319	0.000153
Rolling Hills Generating LLC	Ohio	55401	CT-2	21,727	74,789	86,791	616,903,319	0.000141
Rolling Hills Generating LLC	Ohio	55401	CT-3	22,557	45,728	81,238	616,903,319	0.000132
Rolling Hills Generating LLC	Ohio	55401	CT-4	5,938	113,933	91,311	616,903,319	0.000148
Rolling Hills Generating LLC	Ohio	55401	CT-5	16,448	59,617	74,167	616,903,319	0.000120
Tait Electric Generating Station	Ohio	55248	CT4	59,967	173,242	138,245	616,903,319	0.000224
Tait Electric Generating Station	Ohio	55248	CT5	61,692	173,916	143,485	616,903,319	0.000233
Tait Electric Generating Station	Ohio	55248	CT6	65,271	157,840	136,617	616,903,319	0.000221
Tait Electric Generating Station	Ohio	55248	CT7	65,790	169,094	142,253	616,903,319	0.000231
Troy Energy, LLC	Ohio	55348	1	37,137	455,640	236,166	616,903,319	0.000383
Troy Energy, LLC	Ohio	55348	2	127,938	461,594	246,929	616,903,319	0.000400

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Omega JV2 Hamilton	Ohio	7782	P001	40,458	38,233	1	1	0	0
Picway	Ohio	2843	9	40,458	38,233	121	114	444	240
R E Burger	Ohio	2864	5	40,458	38,233	11	10	31	18
R E Burger	Ohio	2864	6	40,458	38,233	11	10	35	38
R E Burger	Ohio	2864	7	40,458	38,233	254	240	822	569
R E Burger	Ohio	2864	8	40,458	38,233	260	246	576	570
Richard Gorsuch	Ohio	7253	1	40,458	38,233	120	113	300	216
Richard Gorsuch	Ohio	7253	2	40,458	38,233	123	116	272	288
Richard Gorsuch	Ohio	7253	3	40,458	38,233	115	109	292	268
Richard Gorsuch	Ohio	7253	4	40,458	38,233	107	101	303	241
Richland Peaking Station	Ohio	2880	CTG4	40,458	38,233	17	16	7	6
Richland Peaking Station	Ohio	2880	CTG5	40,458	38,233	17	16	10	7
Richland Peaking Station	Ohio	2880	CTG6	40,458	38,233	13	12	10	7
Robert P Mone	Ohio	7872	1	40,458	38,233	17	16	2	1
Robert P Mone	Ohio	7872	2	40,458	38,233	16	15	2	1
Robert P Mone	Ohio	7872	3	40,458	38,233	15	14	2	1
Rolling Hills Generating LLC	Ohio	55401	CT-1	40,458	38,233	6	6	1	0
Rolling Hills Generating LLC	Ohio	55401	CT-2	40,458	38,233	6	5	1	1
Rolling Hills Generating LLC	Ohio	55401	CT-3	40,458	38,233	5	5	2	0
Rolling Hills Generating LLC	Ohio	55401	CT-4	40,458	38,233	6	6	0	0
Rolling Hills Generating LLC	Ohio	55401	CT-5	40,458	38,233	5	5	0	0
Tait Electric Generating Station	Ohio	55248	CT4	40,458	38,233	9	9	0	0
Tait Electric Generating Station	Ohio	55248	CT5	40,458	38,233	9	9	0	0
Tait Electric Generating Station	Ohio	55248	CT6	40,458	38,233	9	8	0	0
Tait Electric Generating Station	Ohio	55248	CT7	40,458	38,233	9	9	1	0
Troy Energy, LLC	Ohio	55348	1	40,458	38,233	15	15	3	2
Troy Energy, LLC	Ohio	55348	2	40,458	38,233	16	15	2	0

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Omega JV2 Hamilton	Ohio	7782	P001	2	1	0	1	0	1
Picway	Ohio	2843	9	286	336	519	432	292	166
R E Burger	Ohio	2864	5	44		73	11		0
R E Burger	Ohio	2864	6	36		72	14		0
R E Burger	Ohio	2864	7	780	618	665	541	17	373
R E Burger	Ohio	2864	8	916	624	692	549	202	451
Richard Gorsuch	Ohio	7253	1	237	267	331	361	209	201
Richard Gorsuch	Ohio	7253	2	257	264	340	373	178	239
Richard Gorsuch	Ohio	7253	3	204	270	306	326	215	283
Richard Gorsuch	Ohio	7253	4	210	264	278	332	163	230
Richland Peaking Station	Ohio	2880	CTG4	13	7	9	3	1	14
Richland Peaking Station	Ohio	2880	CTG5	13	6	8	3	1	14
Richland Peaking Station	Ohio	2880	CTG6	14	3	8	3	1	12
Robert P Mone	Ohio	7872	1	3	3	5	2	1	3
Robert P Mone	Ohio	7872	2	3	2	4	1	1	3
Robert P Mone	Ohio	7872	3	4	2	5	1	0	2
Rolling Hills Generating LLC	Ohio	55401	CT-1	1	0	2	3	2	2
Rolling Hills Generating LLC	Ohio	55401	CT-2	1	1	1	3	1	2
Rolling Hills Generating LLC	Ohio	55401	CT-3	1	1	2	3	1	1
Rolling Hills Generating LLC	Ohio	55401	CT-4	1	1	2	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-5	1	1	2	3	0	1
Tait Electric Generating Station	Ohio	55248	CT4	1	1	3	1	1	4
Tait Electric Generating Station	Ohio	55248	CT5	1	1	3	1	1	4
Tait Electric Generating Station	Ohio	55248	CT6	1	1	3	1	1	3
Tait Electric Generating Station	Ohio	55248	CT7	1	1	3	1	2	4
Troy Energy, LLC	Ohio	55348	1	8	3	4	1	1	7
Troy Energy, LLC	Ohio	55348	2	6	2	3	1	2	7

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Omega JV2 Hamilton	Ohio	7782	P001	2					
Picway	Ohio	2843	9	519					
R E Burger	Ohio	2864	5	73					
R E Burger	Ohio	2864	6	72					
R E Burger	Ohio	2864	7	822					
R E Burger	Ohio	2864	8	916					
Richard Gorsuch	Ohio	7253	1	361		0	0	0	
Richard Gorsuch	Ohio	7253	2	373		0	0	0	
Richard Gorsuch	Ohio	7253	3	326		0	0	0	
Richard Gorsuch	Ohio	7253	4	332		0	0	0	
Richland Peaking Station	Ohio	2880	CTG4	14					
Richland Peaking Station	Ohio	2880	CTG5	14					
Richland Peaking Station	Ohio	2880	CTG6	14					
Robert P Mone	Ohio	7872	1	5					
Robert P Mone	Ohio	7872	2	4					
Robert P Mone	Ohio	7872	3	5					
Rolling Hills Generating LLC	Ohio	55401	CT-1	3					
Rolling Hills Generating LLC	Ohio	55401	CT-2	3					
Rolling Hills Generating LLC	Ohio	55401	CT-3	3					
Rolling Hills Generating LLC	Ohio	55401	CT-4	3					
Rolling Hills Generating LLC	Ohio	55401	CT-5	3					
Tait Electric Generating Station	Ohio	55248	CT4	4					
Tait Electric Generating Station	Ohio	55248	CT5	4					
Tait Electric Generating Station	Ohio	55248	CT6	3					
Tait Electric Generating Station	Ohio	55248	CT7	4					
Troy Energy, LLC	Ohio	55348	1	8					
Troy Energy, LLC	Ohio	55348	2	7					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Omega JV2 Hamilton	Ohio	7782	P001			1	1
Picway	Ohio	2843	9			128	130
R E Burger	Ohio	2864	5			12	12
R E Burger	Ohio	2864	6			12	12
R E Burger	Ohio	2864	7			269	272
R E Burger	Ohio	2864	8			275	279
Richard Gorsuch	Ohio	7253	1	0	0	127	0
Richard Gorsuch	Ohio	7253	2	0	0	130	0
Richard Gorsuch	Ohio	7253	3	0	0	122	0
Richard Gorsuch	Ohio	7253	4	0	0	113	0
Richland Peaking Station	Ohio	2880	CTG4			14	14
Richland Peaking Station	Ohio	2880	CTG5			14	14
Richland Peaking Station	Ohio	2880	CTG6			14	14
Robert P Mone	Ohio	7872	1			5	5
Robert P Mone	Ohio	7872	2			4	4
Robert P Mone	Ohio	7872	3			5	5
Rolling Hills Generating LLC	Ohio	55401	CT-1			3	3
Rolling Hills Generating LLC	Ohio	55401	CT-2			3	3
Rolling Hills Generating LLC	Ohio	55401	CT-3			3	3
Rolling Hills Generating LLC	Ohio	55401	CT-4			3	3
Rolling Hills Generating LLC	Ohio	55401	CT-5			3	3
Tait Electric Generating Station	Ohio	55248	CT4			4	4
Tait Electric Generating Station	Ohio	55248	CT5			4	4
Tait Electric Generating Station	Ohio	55248	CT6			3	3
Tait Electric Generating Station	Ohio	55248	CT7			4	4
Troy Energy, LLC	Ohio	55348	1			8	8
Troy Energy, LLC	Ohio	55348	2			7	7

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Omega JV2 Hamilton	Ohio	7782	P001	1	1	1	1
Picway	Ohio	2843	9	122	122	122	122
R E Burger	Ohio	2864	5	11	11	11	11
R E Burger	Ohio	2864	6	11	11	11	11
R E Burger	Ohio	2864	7	255	255	255	255
R E Burger	Ohio	2864	8	262	262	262	262
Richard Gorsuch	Ohio	7253	1	0	0	0	0
Richard Gorsuch	Ohio	7253	2	0	0	0	0
Richard Gorsuch	Ohio	7253	3	0	0	0	0
Richard Gorsuch	Ohio	7253	4	0	0	0	0
Richland Peaking Station	Ohio	2880	CTG4	14	14	14	14
Richland Peaking Station	Ohio	2880	CTG5	14	14	14	14
Richland Peaking Station	Ohio	2880	CTG6	13	13	13	13
Robert P Mone	Ohio	7872	1	5	5	5	5
Robert P Mone	Ohio	7872	2	4	4	4	4
Robert P Mone	Ohio	7872	3	5	5	5	5
Rolling Hills Generating LLC	Ohio	55401	CT-1	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-2	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-3	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-4	3	3	3	3
Rolling Hills Generating LLC	Ohio	55401	CT-5	3	3	3	3
Tait Electric Generating Station	Ohio	55248	CT4	4	4	4	4
Tait Electric Generating Station	Ohio	55248	CT5	4	4	4	4
Tait Electric Generating Station	Ohio	55248	CT6	3	3	3	3
Tait Electric Generating Station	Ohio	55248	CT7	4	4	4	4
Troy Energy, LLC	Ohio	55348	1	8	8	8	8
Troy Energy, LLC	Ohio	55348	2	7	7	7	7

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Omega JV2 Hamilton	Ohio	7782	P001	Y	Y		Y		
Picway	Ohio	2843	9	Y	Y		Y		
R E Burger	Ohio	2864	5	Y	Y		Y		
R E Burger	Ohio	2864	6	Y	Y		Y		
R E Burger	Ohio	2864	7	Y	Y		Y		
R E Burger	Ohio	2864	8	Y	Y		Y		
Richard Gorsuch	Ohio	7253	1	Y	Y		Y		
Richard Gorsuch	Ohio	7253	2	Y	Y		Y		
Richard Gorsuch	Ohio	7253	3	Y	Y		Y		
Richard Gorsuch	Ohio	7253	4	Y	Y		Y		
Richland Peaking Station	Ohio	2880	CTG4	Y	Y		Y		
Richland Peaking Station	Ohio	2880	CTG5	Y	Y		Y		
Richland Peaking Station	Ohio	2880	CTG6	Y	Y		Y		
Robert P Mone	Ohio	7872	1	Y	Y		Y		
Robert P Mone	Ohio	7872	2	Y	Y		Y		
Robert P Mone	Ohio	7872	3	Y	Y		Y		
Rolling Hills Generating LLC	Ohio	55401	CT-1	Y	Y		Y		
Rolling Hills Generating LLC	Ohio	55401	CT-2	Y	Y		Y		
Rolling Hills Generating LLC	Ohio	55401	CT-3	Y	Y		Y		
Rolling Hills Generating LLC	Ohio	55401	CT-4	Y	Y		Y		
Rolling Hills Generating LLC	Ohio	55401	CT-5	Y	Y		Y		
Tait Electric Generating Station	Ohio	55248	CT4	Y	Y		Y		
Tait Electric Generating Station	Ohio	55248	CT5	Y	Y		Y		
Tait Electric Generating Station	Ohio	55248	CT6	Y	Y		Y		
Tait Electric Generating Station	Ohio	55248	CT7	Y	Y		Y		
Troy Energy, LLC	Ohio	55348	1	Y	Y		Y		
Troy Energy, LLC	Ohio	55348	2	Y	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Troy Energy, LLC	Ohio	55348	3	4537	178,866	282,224	83,361	87,084	434,363
Troy Energy, LLC	Ohio	55348	4	4538	106,574	166,007	20,717	77,228	498,160
W H Sammis	Ohio	2866	1	1956	12,507,034	11,948,166	12,149,008	5,213,989	10,924,179
W H Sammis	Ohio	2866	2	1957	11,855,430	12,954,795	11,845,229	3,538,870	11,171,073
W H Sammis	Ohio	2866	3	1958	11,170,922	12,585,038	10,018,655	3,833,605	9,733,507
W H Sammis	Ohio	2866	4	1959	10,549,109	11,547,904	8,350,278	4,940,269	9,669,509
W H Sammis	Ohio	2866	5	1960	18,902,199	21,087,799	17,737,973	9,809,041	16,659,539
W H Sammis	Ohio	2866	6	1961	43,024,605	45,330,022	39,746,359	21,171,994	33,014,944
W H Sammis	Ohio	2866	7	1962	45,614,013	37,346,425	42,459,824	36,317,643	32,809,432
W H Zimmer Generating Station	Ohio	6019	1	2683	83,026,148	71,436,434	87,821,760	67,129,963	88,409,027
Walter C Beckjord Generating Station	Ohio	2830	1	1886	4,338,686	5,388,809	3,279,521	2,945,911	
Walter C Beckjord Generating Station	Ohio	2830	2	1887	4,571,091	5,331,598	2,305,536	3,464,573	
Walter C Beckjord Generating Station	Ohio	2830	3	1888	7,188,536	7,802,568	4,775,948	4,538,177	
Walter C Beckjord Generating Station	Ohio	2830	4	1889	9,756,340	9,050,609	6,854,123	9,342,949	6,104,082
Walter C Beckjord Generating Station	Ohio	2830	5	1890	11,717,459	10,455,421	6,421,983	8,863,671	11,876,830
Walter C Beckjord Generating Station	Ohio	2830	6	1891	24,660,801	26,568,786	12,273,148	23,873,641	23,822,942
Walter C Beckjord Generating Station	Ohio	2830	CT1	10203	23,888	50,075	26,156	11,942	3,607
Walter C Beckjord Generating Station	Ohio	2830	CT2	10204	32,130	34,114	24,662	12,070	2,999
Walter C Beckjord Generating Station	Ohio	2830	CT3	10205	32,490	816	5,752	579	682
Walter C Beckjord Generating Station	Ohio	2830	CT4	10206	45,129	1,060	9,167	1,404	1,292
Waterford Plant	Ohio	55503	1	8620	929,305	1,355,926	755,541	1,457,457	2,735,463
Waterford Plant	Ohio	55503	2	8622	651,478	1,648,722	792,978	1,647,631	3,090,459
Waterford Plant	Ohio	55503	3	8624	629,111	1,519,525	655,668	1,553,037	3,206,120
West Lorain	Ohio	2869	1A	9279	55,062	38,945	1,940	1,501	33,158
West Lorain	Ohio	2869	1B	9280	55,727	40,826	2,421	3,410	36,184
West Lorain	Ohio	2869	2	8316	174,846	126,983	48,732	20,853	147,727
West Lorain	Ohio	2869	3	8318	28,539	105,031	31,266	14,793	139,620

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Troy Energy, LLC	Ohio	55348	3	298,484	1,419,359,736	0.000210	309,085	139,395
Troy Energy, LLC	Ohio	55348	4	256,914	1,419,359,736	0.000181	309,085	139,395
W H Sammis	Ohio	2866	1	12,201,403	1,419,359,736	0.008596	309,085	139,395
W H Sammis	Ohio	2866	2	12,218,485	1,419,359,736	0.008608	309,085	139,395
W H Sammis	Ohio	2866	3	11,258,205	1,419,359,736	0.007932	309,085	139,395
W H Sammis	Ohio	2866	4	10,588,841	1,419,359,736	0.007460	309,085	139,395
W H Sammis	Ohio	2866	5	19,242,657	1,419,359,736	0.013557	309,085	139,395
W H Sammis	Ohio	2866	6	42,700,328	1,419,359,736	0.030084	309,085	139,395
W H Sammis	Ohio	2866	7	41,806,754	1,419,359,736	0.029455	309,085	139,395
W H Zimmer Generating Station	Ohio	6019	1	86,418,978	1,419,359,736	0.060886	309,085	139,395
Walter C Beckjord Generating Station	Ohio	2830	1	4,335,672	1,419,359,736	0.003055	309,085	139,395
Walter C Beckjord Generating Station	Ohio	2830	2	4,455,754	1,419,359,736	0.003139	309,085	139,395
Walter C Beckjord Generating Station	Ohio	2830	3	6,589,017	1,419,359,736	0.004642	309,085	139,395
Walter C Beckjord Generating Station	Ohio	2830	4	9,383,300	1,419,359,736	0.006611	309,085	139,395
Walter C Beckjord Generating Station	Ohio	2830	5	11,349,903	1,419,359,736	0.007996	309,085	139,395
Walter C Beckjord Generating Station	Ohio	2830	6	25,034,409	1,419,359,736	0.017638	309,085	139,395
Walter C Beckjord Generating Station	Ohio	2830	CT1	33,373	1,419,359,736	0.000024	309,085	139,395
Walter C Beckjord Generating Station	Ohio	2830	CT2	30,302	1,419,359,736	0.000021	309,085	139,395
Walter C Beckjord Generating Station	Ohio	2830	CT3	13,019	1,419,359,736	0.000009	309,085	139,395
Walter C Beckjord Generating Station	Ohio	2830	CT4	18,567	1,419,359,736	0.000013	309,085	139,395
Waterford Plant	Ohio	55503	1	1,849,615	1,419,359,736	0.001303	309,085	139,395
Waterford Plant	Ohio	55503	2	2,128,937	1,419,359,736	0.001500	309,085	139,395
Waterford Plant	Ohio	55503	3	2,092,894	1,419,359,736	0.001475	309,085	139,395
West Lorain	Ohio	2869	1A	42,388	1,419,359,736	0.000030	309,085	139,395
West Lorain	Ohio	2869	1B	44,245	1,419,359,736	0.000031	309,085	139,395
West Lorain	Ohio	2869	2	149,852	1,419,359,736	0.000106	309,085	139,395
West Lorain	Ohio	2869	3	91,973	1,419,359,736	0.000065	309,085	139,395

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Troy Energy, LLC	Ohio	55348	3	93,559	88,453	65	29	20	19
Troy Energy, LLC	Ohio	55348	4	93,559	88,453	56	25	17	16
W H Sammis	Ohio	2866	1	93,559	88,453	2,657	1,198	804	760
W H Sammis	Ohio	2866	2	93,559	88,453	2,661	1,200	805	761
W H Sammis	Ohio	2866	3	93,559	88,453	2,452	1,106	742	702
W H Sammis	Ohio	2866	4	93,559	88,453	2,306	1,040	698	660
W H Sammis	Ohio	2866	5	93,559	88,453	4,190	1,890	1,268	1,199
W H Sammis	Ohio	2866	6	93,559	88,453	9,299	4,194	2,815	2,661
W H Sammis	Ohio	2866	7	93,559	88,453	9,104	4,106	2,756	2,605
W H Zimmer Generating Station	Ohio	6019	1	93,559	88,453	18,819	8,487	5,696	5,386
Walter C Beckjord Generating Station	Ohio	2830	1	93,559	88,453	944	426	286	270
Walter C Beckjord Generating Station	Ohio	2830	2	93,559	88,453	970	438	294	278
Walter C Beckjord Generating Station	Ohio	2830	3	93,559	88,453	1,435	647	434	411
Walter C Beckjord Generating Station	Ohio	2830	4	93,559	88,453	2,043	922	619	585
Walter C Beckjord Generating Station	Ohio	2830	5	93,559	88,453	2,472	1,115	748	707
Walter C Beckjord Generating Station	Ohio	2830	6	93,559	88,453	5,452	2,459	1,650	1,560
Walter C Beckjord Generating Station	Ohio	2830	CT1	93,559	88,453	7	3	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT2	93,559	88,453	7	3	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT3	93,559	88,453	3	1	1	1
Walter C Beckjord Generating Station	Ohio	2830	CT4	93,559	88,453	4	2	1	1
Waterford Plant	Ohio	55503	1	93,559	88,453	403	182	122	115
Waterford Plant	Ohio	55503	2	93,559	88,453	464	209	140	133
Waterford Plant	Ohio	55503	3	93,559	88,453	456	206	138	130
West Lorain	Ohio	2869	1A	93,559	88,453	9	4	3	3
West Lorain	Ohio	2869	1B	93,559	88,453	10	4	3	3
West Lorain	Ohio	2869	2	93,559	88,453	33	15	10	9
West Lorain	Ohio	2869	3	93,559	88,453	20	9	6	6

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Troy Energy, LLC	Ohio	55348	3	1	1	1	0	1
Troy Energy, LLC	Ohio	55348	4	0	1	2	1	0
W H Sammis	Ohio	2866	1	14,724	9,357	8,907	6,679	6,984
W H Sammis	Ohio	2866	2	14,699	10,675	9,030	6,339	8,080
W H Sammis	Ohio	2866	3	13,717	6,991	6,449	5,956	7,981
W H Sammis	Ohio	2866	4	9,853	8,895	7,088	5,629	7,300
W H Sammis	Ohio	2866	5	22,337	14,246	13,520	10,021	13,736
W H Sammis	Ohio	2866	6	44,224	38,786	28,010	26,028	31,453
W H Sammis	Ohio	2866	7	44,845	38,164	33,561	25,739	26,253
W H Zimmer Generating Station	Ohio	6019	1	22,918	21,638	22,380	22,054	16,776
Walter C Beckjord Generating Station	Ohio	2830	1	3,857	3,446	4,200	3,361	4,274
Walter C Beckjord Generating Station	Ohio	2830	2	3,860	3,636	3,974	3,289	4,138
Walter C Beckjord Generating Station	Ohio	2830	3	6,465	5,787	6,056	5,349	6,089
Walter C Beckjord Generating Station	Ohio	2830	4	6,952	6,087	7,641	7,300	6,997
Walter C Beckjord Generating Station	Ohio	2830	5	15,061	18,363	15,054	13,841	9,180
Walter C Beckjord Generating Station	Ohio	2830	6	28,676	36,998	30,020	29,487	24,230
Walter C Beckjord Generating Station	Ohio	2830	CT1					
Walter C Beckjord Generating Station	Ohio	2830	CT2					
Walter C Beckjord Generating Station	Ohio	2830	CT3					
Walter C Beckjord Generating Station	Ohio	2830	CT4					
Waterford Plant	Ohio	55503	1	0	0	0	0	0
Waterford Plant	Ohio	55503	2	0	0	0	0	0
Waterford Plant	Ohio	55503	3	0	0	0	0	0
West Lorain	Ohio	2869	1A					
West Lorain	Ohio	2869	1B					
West Lorain	Ohio	2869	2	1	1	0	0	1
West Lorain	Ohio	2869	3	1	1	0	0	1

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Troy Energy, LLC	Ohio	55348	3	0	0	0	1		
Troy Energy, LLC	Ohio	55348	4	0	0	0	2		
W H Sammis	Ohio	2866	1	8,278	3,262	1,762	14,724		
W H Sammis	Ohio	2866	2	8,053	2,343	2,147	14,699		
W H Sammis	Ohio	2866	3	7,029	2,129	1,079	13,717		
W H Sammis	Ohio	2866	4	5,836	3,628	447	9,853		
W H Sammis	Ohio	2866	5	12,209	6,695	947	22,337		
W H Sammis	Ohio	2866	6	31,584	19,404	975	44,224		
W H Sammis	Ohio	2866	7	29,631	36,153	5,404	44,845		
W H Zimmer Generating Station	Ohio	6019	1	15,962	14,285	19,388	22,918		
Walter C Beckjord Generating Station	Ohio	2830	1	2,432	2,098		4,274		
Walter C Beckjord Generating Station	Ohio	2830	2	1,738	2,527		4,138		
Walter C Beckjord Generating Station	Ohio	2830	3	3,554	3,347		6,465		
Walter C Beckjord Generating Station	Ohio	2830	4	4,986	6,756	4,492	7,641		
Walter C Beckjord Generating Station	Ohio	2830	5	4,713	7,567	17,719	18,363		
Walter C Beckjord Generating Station	Ohio	2830	6	8,978	19,669	46,945	46,945		
Walter C Beckjord Generating Station	Ohio	2830	CT1		0	0	0		
Walter C Beckjord Generating Station	Ohio	2830	CT2		0	0	0		
Walter C Beckjord Generating Station	Ohio	2830	CT3				0		
Walter C Beckjord Generating Station	Ohio	2830	CT4			0	0		
Waterford Plant	Ohio	55503	1	0	0	1	1		
Waterford Plant	Ohio	55503	2	0	0	1	1		
Waterford Plant	Ohio	55503	3	0	0	1	1		
West Lorain	Ohio	2869	1A		0	1	1		
West Lorain	Ohio	2869	1B		0	1	1		
West Lorain	Ohio	2869	2	0	0	0	1		
West Lorain	Ohio	2869	3	0	0	0	1		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Troy Energy, LLC	Ohio	55348	3					4	3
Troy Energy, LLC	Ohio	55348	4					2	2
W H Sammis	Ohio	2866	1					3,404	1,914
W H Sammis	Ohio	2866	2					3,252	2,139
W H Sammis	Ohio	2866	3					6,025	2,791
W H Sammis	Ohio	2866	4					3,104	3,010
W H Sammis	Ohio	2866	5					5,342	3,334
W H Sammis	Ohio	2866	6					10,879	8,608
W H Sammis	Ohio	2866	7					8,363	7,830
W H Zimmer Generating Station	Ohio	6019	1					20,174	14,693
Walter C Beckjord Generating Station	Ohio	2830	1					1,598	1,460
Walter C Beckjord Generating Station	Ohio	2830	2					1,572	1,661
Walter C Beckjord Generating Station	Ohio	2830	3					4,059	2,320
Walter C Beckjord Generating Station	Ohio	2830	4					2,862	2,293
Walter C Beckjord Generating Station	Ohio	2830	5					2,821	2,920
Walter C Beckjord Generating Station	Ohio	2830	6					3,816	4,260
Walter C Beckjord Generating Station	Ohio	2830	CT1					18	9
Walter C Beckjord Generating Station	Ohio	2830	CT2					15	5
Walter C Beckjord Generating Station	Ohio	2830	CT3					6	5
Walter C Beckjord Generating Station	Ohio	2830	CT4					5	4
Waterford Plant	Ohio	55503	1					3	2
Waterford Plant	Ohio	55503	2					2	3
Waterford Plant	Ohio	55503	3					3	3
West Lorain	Ohio	2869	1A					30	22
West Lorain	Ohio	2869	1B					30	23
West Lorain	Ohio	2869	2					6	5
West Lorain	Ohio	2869	3					6	4

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Troy Energy, LLC	Ohio	55348	3	11	3	8	2	2
Troy Energy, LLC	Ohio	55348	4	8	5	4	0	1
W H Sammis	Ohio	2866	1	1,799	1,478	1,273	1,183	551
W H Sammis	Ohio	2866	2	1,818	1,391	1,373	1,153	373
W H Sammis	Ohio	2866	3	2,353	1,166	1,342	1,020	392
W H Sammis	Ohio	2866	4	2,441	1,098	1,233	852	505
W H Sammis	Ohio	2866	5	3,098	2,453	2,719	2,285	1,276
W H Sammis	Ohio	2866	6	5,738	6,292	6,567	5,705	3,119
W H Sammis	Ohio	2866	7	7,908	6,714	5,451	6,074	5,962
W H Zimmer Generating Station	Ohio	6019	1	15,153	13,851	13,737	16,531	3,646
Walter C Beckjord Generating Station	Ohio	2830	1	1,688	1,329	1,588	1,014	932
Walter C Beckjord Generating Station	Ohio	2830	2	1,766	1,432	1,645	753	1,221
Walter C Beckjord Generating Station	Ohio	2830	3	1,758	1,765	1,972	1,151	1,017
Walter C Beckjord Generating Station	Ohio	2830	4	1,868	1,857	1,630	1,517	1,873
Walter C Beckjord Generating Station	Ohio	2830	5	2,275	2,084	1,987	1,312	1,764
Walter C Beckjord Generating Station	Ohio	2830	6	3,658	3,363	4,210	1,801	4,142
Walter C Beckjord Generating Station	Ohio	2830	CT1	6	6	13	5	2
Walter C Beckjord Generating Station	Ohio	2830	CT2	8	7	7	5	2
Walter C Beckjord Generating Station	Ohio	2830	CT3	12	7	0	1	0
Walter C Beckjord Generating Station	Ohio	2830	CT4	16	11	0	3	0
Waterford Plant	Ohio	55503	1	9	21	29	8	10
Waterford Plant	Ohio	55503	2	9	9	55	11	16
Waterford Plant	Ohio	55503	3	7	20	17	33	13
West Lorain	Ohio	2869	1A	42	15	10	0	0
West Lorain	Ohio	2869	1B	43	15	10	0	1
West Lorain	Ohio	2869	2	7	2	3	1	1
West Lorain	Ohio	2869	3	5	0	3	0	1

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Troy Energy, LLC	Ohio	55348	3	7	11				
Troy Energy, LLC	Ohio	55348	4	8	8				
W H Sammis	Ohio	2866	1	1,254	3,404				
W H Sammis	Ohio	2866	2	1,281	3,252				
W H Sammis	Ohio	2866	3	1,115	6,025				
W H Sammis	Ohio	2866	4	1,100	3,104				
W H Sammis	Ohio	2866	5	1,535	5,342				
W H Sammis	Ohio	2866	6	2,437	10,879				
W H Sammis	Ohio	2866	7	2,774	8,363				
W H Zimmer Generating Station	Ohio	6019	1	7,926	20,174				
Walter C Beckjord Generating Station	Ohio	2830	1		1,688				
Walter C Beckjord Generating Station	Ohio	2830	2		1,766				
Walter C Beckjord Generating Station	Ohio	2830	3		4,059				
Walter C Beckjord Generating Station	Ohio	2830	4	1,148	2,862				
Walter C Beckjord Generating Station	Ohio	2830	5	2,416	2,920				
Walter C Beckjord Generating Station	Ohio	2830	6	4,400	4,400				
Walter C Beckjord Generating Station	Ohio	2830	CT1	1	18				
Walter C Beckjord Generating Station	Ohio	2830	CT2	1	15				
Walter C Beckjord Generating Station	Ohio	2830	CT3	0	12				
Walter C Beckjord Generating Station	Ohio	2830	CT4	0	16				
Waterford Plant	Ohio	55503	1	19	29				
Waterford Plant	Ohio	55503	2	25	55				
Waterford Plant	Ohio	55503	3	21	33				
West Lorain	Ohio	2869	1A	6	42				
West Lorain	Ohio	2869	1B	7	43				
West Lorain	Ohio	2869	2	2	7				
West Lorain	Ohio	2869	3	2	6				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Troy Energy, LLC	Ohio	55348	3			1	1
Troy Energy, LLC	Ohio	55348	4			2	2
W H Sammis	Ohio	2866	1			2,805	2,845
W H Sammis	Ohio	2866	2			2,809	2,849
W H Sammis	Ohio	2866	3			2,588	2,625
W H Sammis	Ohio	2866	4			2,434	2,469
W H Sammis	Ohio	2866	5			4,424	4,486
W H Sammis	Ohio	2866	6			9,817	9,955
W H Sammis	Ohio	2866	7			9,611	9,747
W H Zimmer Generating Station	Ohio	6019	1			19,867	20,148
Walter C Beckjord Generating Station	Ohio	2830	1			997	1,011
Walter C Beckjord Generating Station	Ohio	2830	2			1,024	1,039
Walter C Beckjord Generating Station	Ohio	2830	3			1,515	1,536
Walter C Beckjord Generating Station	Ohio	2830	4			2,157	2,188
Walter C Beckjord Generating Station	Ohio	2830	5			2,609	2,646
Walter C Beckjord Generating Station	Ohio	2830	6			5,755	5,836
Walter C Beckjord Generating Station	Ohio	2830	CT1			0	0
Walter C Beckjord Generating Station	Ohio	2830	CT2			0	0
Walter C Beckjord Generating Station	Ohio	2830	CT3			0	0
Walter C Beckjord Generating Station	Ohio	2830	CT4			0	0
Waterford Plant	Ohio	55503	1			1	1
Waterford Plant	Ohio	55503	2			1	1
Waterford Plant	Ohio	55503	3			1	1
West Lorain	Ohio	2869	1A			1	1
West Lorain	Ohio	2869	1B			1	1
West Lorain	Ohio	2869	2			1	1
West Lorain	Ohio	2869	3			1	1

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Troy Energy, LLC	Ohio	55348	3	1	1	1	1
Troy Energy, LLC	Ohio	55348	4	2	2	2	2
W H Sammis	Ohio	2866	1	1,252	1,252	1,252	1,252
W H Sammis	Ohio	2866	2	1,254	1,254	1,254	1,254
W H Sammis	Ohio	2866	3	1,155	1,155	1,155	1,155
W H Sammis	Ohio	2866	4	1,087	1,087	1,087	1,087
W H Sammis	Ohio	2866	5	1,975	1,975	1,975	1,975
W H Sammis	Ohio	2866	6	4,382	4,382	4,382	4,382
W H Sammis	Ohio	2866	7	4,291	4,291	4,291	4,291
W H Zimmer Generating Station	Ohio	6019	1	8,869	8,869	8,869	8,869
Walter C Beckjord Generating Station	Ohio	2830	1	445	445	445	445
Walter C Beckjord Generating Station	Ohio	2830	2	457	457	457	457
Walter C Beckjord Generating Station	Ohio	2830	3	676	676	676	676
Walter C Beckjord Generating Station	Ohio	2830	4	963	963	963	963
Walter C Beckjord Generating Station	Ohio	2830	5	1,165	1,165	1,165	1,165
Walter C Beckjord Generating Station	Ohio	2830	6	2,569	2,569	2,569	2,569
Walter C Beckjord Generating Station	Ohio	2830	CT1	0	0	0	0
Walter C Beckjord Generating Station	Ohio	2830	CT2	0	0	0	0
Walter C Beckjord Generating Station	Ohio	2830	CT3	0	0	0	0
Walter C Beckjord Generating Station	Ohio	2830	CT4	0	0	0	0
Waterford Plant	Ohio	55503	1	1	1	1	1
Waterford Plant	Ohio	55503	2	1	1	1	1
Waterford Plant	Ohio	55503	3	1	1	1	1
West Lorain	Ohio	2869	1A	1	1	1	1
West Lorain	Ohio	2869	1B	1	1	1	1
West Lorain	Ohio	2869	2	1	1	1	1
West Lorain	Ohio	2869	3	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Troy Energy, LLC	Ohio	55348	3	11	11	11	11
Troy Energy, LLC	Ohio	55348	4	8	8	8	8
W H Sammis	Ohio	2866	1	824	834	788	788
W H Sammis	Ohio	2866	2	825	835	789	789
W H Sammis	Ohio	2866	3	760	769	727	727
W H Sammis	Ohio	2866	4	715	724	684	684
W H Sammis	Ohio	2866	5	1,299	1,315	1,243	1,243
W H Sammis	Ohio	2866	6	2,884	2,918	2,758	2,758
W H Sammis	Ohio	2866	7	2,823	2,857	2,700	2,700
W H Zimmer Generating Station	Ohio	6019	1	5,836	5,906	5,581	5,581
Walter C Beckjord Generating Station	Ohio	2830	1	293	296	280	280
Walter C Beckjord Generating Station	Ohio	2830	2	301	304	288	288
Walter C Beckjord Generating Station	Ohio	2830	3	445	450	426	426
Walter C Beckjord Generating Station	Ohio	2830	4	634	641	606	606
Walter C Beckjord Generating Station	Ohio	2830	5	766	776	733	733
Walter C Beckjord Generating Station	Ohio	2830	6	1,691	1,711	1,617	1,617
Walter C Beckjord Generating Station	Ohio	2830	CT1	2	2	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT2	2	2	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT3	1	1	1	1
Walter C Beckjord Generating Station	Ohio	2830	CT4	1	1	1	1
Waterford Plant	Ohio	55503	1	29	29	29	29
Waterford Plant	Ohio	55503	2	55	55	55	55
Waterford Plant	Ohio	55503	3	33	33	33	33
West Lorain	Ohio	2869	1A	3	3	3	3
West Lorain	Ohio	2869	1B	3	3	3	3
West Lorain	Ohio	2869	2	7	7	7	7
West Lorain	Ohio	2869	3	6	6	6	6

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
				(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)			
Calculation								
Troy Energy, LLC	Ohio	55348	3	11	11	137,443	157,874	55,675
Troy Energy, LLC	Ohio	55348	4	8	8	84,855	113,743	20,717
W H Sammis	Ohio	2866	1	788	788	5,328,576	5,904,077	5,105,607
W H Sammis	Ohio	2866	2	789	789	5,002,418	5,538,963	5,000,558
W H Sammis	Ohio	2866	3	727	727	4,482,377	5,129,036	4,035,684
W H Sammis	Ohio	2866	4	684	684	4,422,702	4,864,358	3,568,837
W H Sammis	Ohio	2866	5	1,243	1,243	8,237,504	8,707,906	7,232,704
W H Sammis	Ohio	2866	6	2,758	2,758	17,297,531	19,876,242	17,300,888
W H Sammis	Ohio	2866	7	2,700	2,700	18,843,212	19,560,955	18,281,172
W H Zimmer Generating Station	Ohio	6019	1	5,581	5,581	33,712,275	27,451,169	35,095,766
Walter C Beckjord Generating Station	Ohio	2830	1	280	280	1,421,551	2,355,098	1,259,240
Walter C Beckjord Generating Station	Ohio	2830	2	288	288	1,820,562	2,366,573	277,255
Walter C Beckjord Generating Station	Ohio	2830	3	426	426	3,117,611	3,055,524	1,437,578
Walter C Beckjord Generating Station	Ohio	2830	4	606	606	4,132,902	3,471,605	2,394,152
Walter C Beckjord Generating Station	Ohio	2830	5	733	733	4,960,647	4,950,531	2,745,110
Walter C Beckjord Generating Station	Ohio	2830	6	1,617	1,617	10,685,057	10,285,279	748,107
Walter C Beckjord Generating Station	Ohio	2830	CT1	2	2	23,888	50,075	6,786
Walter C Beckjord Generating Station	Ohio	2830	CT2	2	2	32,130	34,114	8,038
Walter C Beckjord Generating Station	Ohio	2830	CT3	1	1	32,490	816	
Walter C Beckjord Generating Station	Ohio	2830	CT4	1	1	45,129	1,060	
Waterford Plant	Ohio	55503	1	29	29	842,531	1,065,199	728,683
Waterford Plant	Ohio	55503	2	55	55	619,859	1,294,278	774,253
Waterford Plant	Ohio	55503	3	33	33	591,038	1,180,248	640,629
West Lorain	Ohio	2869	1A	3	3	55,062	38,945	1,940
West Lorain	Ohio	2869	1B	3	3	55,727	40,826	2,421
West Lorain	Ohio	2869	2	7	7	174,846	78,269	31,343
West Lorain	Ohio	2869	3	6	6	28,539	68,757	15,701

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Troy Energy, LLC	Ohio	55348	3	68,618	411,626	235,648	616,903,319	0.000382
Troy Energy, LLC	Ohio	55348	4	77,228	478,864	225,821	616,903,319	0.000366
W H Sammis	Ohio	2866	1	1,624,467	4,935,548	5,446,087	616,903,319	0.008828
W H Sammis	Ohio	2866	2	1,810,687	4,896,210	5,180,646	616,903,319	0.008398
W H Sammis	Ohio	2866	3	1,324,132	4,492,239	4,701,217	616,903,319	0.007621
W H Sammis	Ohio	2866	4	1,447,117	4,833,685	4,706,915	616,903,319	0.007630
W H Sammis	Ohio	2866	5	4,482,254	7,679,158	8,208,189	616,903,319	0.013305
W H Sammis	Ohio	2866	6	9,965,836	19,472,906	18,883,345	616,903,319	0.030610
W H Sammis	Ohio	2866	7	14,187,517	18,188,587	18,895,113	616,903,319	0.030629
W H Zimmer Generating Station	Ohio	6019	1	34,210,636	33,750,977	34,352,460	616,903,319	0.055685
Walter C Beckjord Generating Station	Ohio	2830	1	961,812		1,678,630	616,903,319	0.002721
Walter C Beckjord Generating Station	Ohio	2830	2	1,462,057		1,883,064	616,903,319	0.003052
Walter C Beckjord Generating Station	Ohio	2830	3	1,975,301		2,716,145	616,903,319	0.004403
Walter C Beckjord Generating Station	Ohio	2830	4	3,615,709	2,760,706	3,740,072	616,903,319	0.006063
Walter C Beckjord Generating Station	Ohio	2830	5	4,438,678	3,946,477	4,783,285	616,903,319	0.007754
Walter C Beckjord Generating Station	Ohio	2830	6	8,999,169	11,004,835	10,658,390	616,903,319	0.017277
Walter C Beckjord Generating Station	Ohio	2830	CT1	4,883	1,780	26,916	616,903,319	0.000044
Walter C Beckjord Generating Station	Ohio	2830	CT2	5,403	1,538	24,761	616,903,319	0.000040
Walter C Beckjord Generating Station	Ohio	2830	CT3		653	11,320	616,903,319	0.000018
Walter C Beckjord Generating Station	Ohio	2830	CT4		1,257	15,815	616,903,319	0.000026
Waterford Plant	Ohio	55503	1	1,121,206	1,722,197	1,302,867	616,903,319	0.002112
Waterford Plant	Ohio	55503	2	1,265,015	1,826,368	1,461,887	616,903,319	0.002370
Waterford Plant	Ohio	55503	3	1,227,252	1,916,176	1,441,225	616,903,319	0.002336
West Lorain	Ohio	2869	1A	1,501	31,829	41,945	616,903,319	0.000068
West Lorain	Ohio	2869	1B	3,410	31,032	42,528	616,903,319	0.000069
West Lorain	Ohio	2869	2	20,798	144,944	132,686	616,903,319	0.000215
West Lorain	Ohio	2869	3	14,728	118,914	72,070	616,903,319	0.000117

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Troy Energy, LLC	Ohio	55348	3	40,458	38,233	15	15	2	2
Troy Energy, LLC	Ohio	55348	4	40,458	38,233	15	14	2	2
W H Sammis	Ohio	2866	1	40,458	38,233	357	338	1,472	449
W H Sammis	Ohio	2866	2	40,458	38,233	340	321	1,332	639
W H Sammis	Ohio	2866	3	40,458	38,233	308	291	2,312	703
W H Sammis	Ohio	2866	4	40,458	38,233	309	292	1,711	855
W H Sammis	Ohio	2866	5	40,458	38,233	538	509	2,200	1,313
W H Sammis	Ohio	2866	6	40,458	38,233	1,238	1,170	4,382	3,211
W H Sammis	Ohio	2866	7	40,458	38,233	1,239	1,171	3,199	3,078
W H Zimmer Generating Station	Ohio	6019	1	40,458	38,233	2,253	2,129	8,725	3,109
Walter C Beckjord Generating Station	Ohio	2830	1	40,458	38,233	110	104	632	437
Walter C Beckjord Generating Station	Ohio	2830	2	40,458	38,233	123	117	553	478
Walter C Beckjord Generating Station	Ohio	2830	3	40,458	38,233	178	168	1,527	551
Walter C Beckjord Generating Station	Ohio	2830	4	40,458	38,233	245	232	998	792
Walter C Beckjord Generating Station	Ohio	2830	5	40,458	38,233	314	296	1,059	1,193
Walter C Beckjord Generating Station	Ohio	2830	6	40,458	38,233	699	661	1,321	1,272
Walter C Beckjord Generating Station	Ohio	2830	CT1	40,458	38,233	2	2	18	9
Walter C Beckjord Generating Station	Ohio	2830	CT2	40,458	38,233	2	2	15	5
Walter C Beckjord Generating Station	Ohio	2830	CT3	40,458	38,233	1	1	6	5
Walter C Beckjord Generating Station	Ohio	2830	CT4	40,458	38,233	1	1	5	4
Waterford Plant	Ohio	55503	1	40,458	38,233	85	81	3	2
Waterford Plant	Ohio	55503	2	40,458	38,233	96	91	2	3
Waterford Plant	Ohio	55503	3	40,458	38,233	95	89	3	3
West Lorain	Ohio	2869	1A	40,458	38,233	3	3	30	22
West Lorain	Ohio	2869	1B	40,458	38,233	3	3	30	23
West Lorain	Ohio	2869	2	40,458	38,233	9	8	2	1
West Lorain	Ohio	2869	3	40,458	38,233	5	4	3	2

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Troy Energy, LLC	Ohio	55348	3	5	2	4	1	1	6
Troy Energy, LLC	Ohio	55348	4	5	4	3	0	1	7
W H Sammis	Ohio	2866	1	709	615	622	495	176	566
W H Sammis	Ohio	2866	2	737	578	584	486	198	563
W H Sammis	Ohio	2866	3	818	458	544	407	140	515
W H Sammis	Ohio	2866	4	938	451	516	361	147	552
W H Sammis	Ohio	2866	5	1,131	1,005	1,114	939	605	599
W H Sammis	Ohio	2866	6	2,231	2,488	2,847	2,499	1,585	1,459
W H Sammis	Ohio	2866	7	2,963	2,727	2,798	2,672	2,257	1,357
W H Zimmer Generating Station	Ohio	6019	1	1,174	897	998	1,239	1,457	3,067
Walter C Beckjord Generating Station	Ohio	2830	1	598	388	652	385	298	
Walter C Beckjord Generating Station	Ohio	2830	2	611	525	702	98	514	
Walter C Beckjord Generating Station	Ohio	2830	3	703	675	732	322	433	
Walter C Beckjord Generating Station	Ohio	2830	4	777	765	584	513	696	502
Walter C Beckjord Generating Station	Ohio	2830	5	797	831	911	534	833	788
Walter C Beckjord Generating Station	Ohio	2830	6	1,337	1,284	1,308	111	1,636	2,117
Walter C Beckjord Generating Station	Ohio	2830	CT1	6	6	13	1	1	0
Walter C Beckjord Generating Station	Ohio	2830	CT2	8	7	7	2	1	0
Walter C Beckjord Generating Station	Ohio	2830	CT3	12	7	0			0
Walter C Beckjord Generating Station	Ohio	2830	CT4	16	11	0			0
Waterford Plant	Ohio	55503	1	9	12	24	8	6	13
Waterford Plant	Ohio	55503	2	9	9	27	10	12	17
Waterford Plant	Ohio	55503	3	7	7	13	33	10	13
West Lorain	Ohio	2869	1A	42	15	10	0	0	6
West Lorain	Ohio	2869	1B	43	15	10	0	1	6
West Lorain	Ohio	2869	2	4	2	2	0	1	2
West Lorain	Ohio	2869	3	2	0	1	0	1	1

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Troy Energy, LLC	Ohio	55348	3	6					
Troy Energy, LLC	Ohio	55348	4	7					
W H Sammis	Ohio	2866	1	1,472					
W H Sammis	Ohio	2866	2	1,332					
W H Sammis	Ohio	2866	3	2,312					
W H Sammis	Ohio	2866	4	1,711					
W H Sammis	Ohio	2866	5	2,200					
W H Sammis	Ohio	2866	6	4,382					
W H Sammis	Ohio	2866	7	3,199					
W H Zimmer Generating Station	Ohio	6019	1	8,725					
Walter C Beckjord Generating Station	Ohio	2830	1	652					
Walter C Beckjord Generating Station	Ohio	2830	2	702					
Walter C Beckjord Generating Station	Ohio	2830	3	1,527					
Walter C Beckjord Generating Station	Ohio	2830	4	998					
Walter C Beckjord Generating Station	Ohio	2830	5	1,193					
Walter C Beckjord Generating Station	Ohio	2830	6	2,117					
Walter C Beckjord Generating Station	Ohio	2830	CT1	18					
Walter C Beckjord Generating Station	Ohio	2830	CT2	15					
Walter C Beckjord Generating Station	Ohio	2830	CT3	12					
Walter C Beckjord Generating Station	Ohio	2830	CT4	16					
Waterford Plant	Ohio	55503	1	24					
Waterford Plant	Ohio	55503	2	27					
Waterford Plant	Ohio	55503	3	33					
West Lorain	Ohio	2869	1A	42					
West Lorain	Ohio	2869	1B	43					
West Lorain	Ohio	2869	2	4					
West Lorain	Ohio	2869	3	3					

						Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Troy Energy, LLC	Ohio	55348	3			6	6
Troy Energy, LLC	Ohio	55348	4			7	7
W H Sammis	Ohio	2866	1			378	384
W H Sammis	Ohio	2866	2			360	365
W H Sammis	Ohio	2866	3			327	331
W H Sammis	Ohio	2866	4			327	332
W H Sammis	Ohio	2866	5			570	578
W H Sammis	Ohio	2866	6			1,312	1,331
W H Sammis	Ohio	2866	7			1,313	1,332
W H Zimmer Generating Station	Ohio	6019	1			2,387	2,421
Walter C Beckjord Generating Station	Ohio	2830	1			117	118
Walter C Beckjord Generating Station	Ohio	2830	2			131	133
Walter C Beckjord Generating Station	Ohio	2830	3			189	191
Walter C Beckjord Generating Station	Ohio	2830	4			260	264
Walter C Beckjord Generating Station	Ohio	2830	5			332	337
Walter C Beckjord Generating Station	Ohio	2830	6			741	751
Walter C Beckjord Generating Station	Ohio	2830	CT1			2	2
Walter C Beckjord Generating Station	Ohio	2830	CT2			2	2
Walter C Beckjord Generating Station	Ohio	2830	CT3			1	1
Walter C Beckjord Generating Station	Ohio	2830	CT4			1	1
Waterford Plant	Ohio	55503	1			24	24
Waterford Plant	Ohio	55503	2			27	27
Waterford Plant	Ohio	55503	3			33	33
West Lorain	Ohio	2869	1A			3	3
West Lorain	Ohio	2869	1B			3	3
West Lorain	Ohio	2869	2			4	4
West Lorain	Ohio	2869	3			3	3

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Troy Energy, LLC	Ohio	55348	3	6	6	6	6
Troy Energy, LLC	Ohio	55348	4	7	7	7	7
W H Sammis	Ohio	2866	1	360	360	360	360
W H Sammis	Ohio	2866	2	342	342	342	342
W H Sammis	Ohio	2866	3	310	310	310	310
W H Sammis	Ohio	2866	4	311	311	311	311
W H Sammis	Ohio	2866	5	542	542	542	542
W H Sammis	Ohio	2866	6	1,247	1,247	1,247	1,247
W H Sammis	Ohio	2866	7	1,248	1,248	1,248	1,248
W H Zimmer Generating Station	Ohio	6019	1	2,268	2,268	2,268	2,268
Walter C Beckjord Generating Station	Ohio	2830	1	111	111	111	111
Walter C Beckjord Generating Station	Ohio	2830	2	124	124	124	124
Walter C Beckjord Generating Station	Ohio	2830	3	179	179	179	179
Walter C Beckjord Generating Station	Ohio	2830	4	247	247	247	247
Walter C Beckjord Generating Station	Ohio	2830	5	316	316	316	316
Walter C Beckjord Generating Station	Ohio	2830	6	704	704	704	704
Walter C Beckjord Generating Station	Ohio	2830	CT1	2	2	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT2	2	2	2	2
Walter C Beckjord Generating Station	Ohio	2830	CT3	1	1	1	1
Walter C Beckjord Generating Station	Ohio	2830	CT4	1	1	1	1
Waterford Plant	Ohio	55503	1	24	24	24	24
Waterford Plant	Ohio	55503	2	27	27	27	27
Waterford Plant	Ohio	55503	3	33	33	33	33
West Lorain	Ohio	2869	1A	3	3	3	3
West Lorain	Ohio	2869	1B	3	3	3	3
West Lorain	Ohio	2869	2	4	4	4	4
West Lorain	Ohio	2869	3	3	3	3	3

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Troy Energy, LLC	Ohio	55348	3	Y	Y		Y		
Troy Energy, LLC	Ohio	55348	4	Y	Y		Y		
W H Sammis	Ohio	2866	1	Y	Y		Y		
W H Sammis	Ohio	2866	2	Y	Y		Y		
W H Sammis	Ohio	2866	3	Y	Y		Y		
W H Sammis	Ohio	2866	4	Y	Y		Y		
W H Sammis	Ohio	2866	5	Y	Y		Y		
W H Sammis	Ohio	2866	6	Y	Y		Y		
W H Sammis	Ohio	2866	7	Y	Y		Y		
W H Zimmer Generating Station	Ohio	6019	1	Y	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	1	Y	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	2	Y	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	3	Y	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	4	Y	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	5	Y	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	6	Y	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	CT1	Y	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	CT2	Y	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	CT3	Y	Y		Y		
Walter C Beckjord Generating Station	Ohio	2830	CT4	Y	Y		Y		
Waterford Plant	Ohio	55503	1	Y	Y		Y		
Waterford Plant	Ohio	55503	2	Y	Y		Y		
Waterford Plant	Ohio	55503	3	Y	Y		Y		
West Lorain	Ohio	2869	1A	Y	Y		Y		
West Lorain	Ohio	2869	1B	Y	Y		Y		
West Lorain	Ohio	2869	2	Y	Y		Y		
West Lorain	Ohio	2869	3	Y	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
West Lorain	Ohio	2869	4	8320	28,905	141,449	67,838	8,519	141,166
West Lorain	Ohio	2869	5	8322	152,416	217,385	44,467	16,188	150,263
West Lorain	Ohio	2869	6	8324	133,009	160,322	48,185	9,236	162,928
Woodsdale	Ohio	7158	**GT1	2973	45,678	536,367	337,088	298,098	375,577
Woodsdale	Ohio	7158	**GT2	2977	12,701	7,658	654	10,745	180,441
Woodsdale	Ohio	7158	**GT3	2978	230,178	490,478	313,705	286,125	354,063
Woodsdale	Ohio	7158	**GT4	2979	20,127	8,624	622	257,627	305,486
Woodsdale	Ohio	7158	**GT5	2980	241,664	447,549	316,887	268,723	299,587
Woodsdale	Ohio	7158	**GT6	2981	241,684	440,120	311,558	202,078	169,206
AES Shady Point	Oklahoma	10671	1A		7,882,490	8,626,860	8,476,833	7,752,135	7,880,673
AES Shady Point	Oklahoma	10671	1B		7,405,340	8,270,363	8,165,821	7,351,859	7,229,333
AES Shady Point	Oklahoma	10671	2A		7,265,542	8,499,301	7,352,057	7,343,707	7,332,792
AES Shady Point	Oklahoma	10671	2B		7,080,779	8,222,991	7,244,370	7,217,669	7,395,011
Anadarko	Oklahoma	3006	10	90430					225,559
Anadarko	Oklahoma	3006	11	90431					219,538
Anadarko	Oklahoma	3006	3	2028	5,845	5,480	78,860	3,482	1,917
Anadarko	Oklahoma	3006	7	8326	141,810	81,411	96,674	67,407	36,757
Anadarko	Oklahoma	3006	8	8328	132,640	81,787	92,373	65,897	28,026
Anadarko	Oklahoma	3006	9	90429					232,090
Anadarko Plant	Oklahoma	3006	4		3,494,868	4,533,209	3,483,961	3,168,262	3,696,568
Anadarko Plant	Oklahoma	3006	5		3,494,868	4,533,209	3,483,961	3,168,262	3,696,568
Anadarko Plant	Oklahoma	3006	6		3,494,868	4,533,209	3,483,961	3,168,262	3,696,568
Chouteau Power Plant	Oklahoma	7757	1	3155	6,646,494	6,484,012	7,333,544	5,473,069	5,614,189
Chouteau Power Plant	Oklahoma	7757	2	3156	7,108,831	6,965,269	6,628,940	6,098,780	6,531,360
Comanche (8059)	Oklahoma	8059	7251	3452	5,076,130	4,829,682	5,226,505		3,193,984
Comanche (8059)	Oklahoma	8059	7252	3453	4,739,896	5,127,677	6,672,840	7,667,162	5,187,922
Grand River Dam Authority	Oklahoma	165	1	95	36,285,317	37,981,656	38,199,781	36,764,189	34,231,271

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
West Lorain	Ohio	2869	4	116,818	1,419,359,736	0.000082	309,085	139,395
West Lorain	Ohio	2869	5	173,355	1,419,359,736	0.000122	309,085	139,395
West Lorain	Ohio	2869	6	152,086	1,419,359,736	0.000107	309,085	139,395
Woodsdale	Ohio	7158	**GT1	416,344	1,419,359,736	0.000293	309,085	139,395
Woodsdale	Ohio	7158	**GT2	67,963	1,419,359,736	0.000048	309,085	139,395
Woodsdale	Ohio	7158	**GT3	386,082	1,419,359,736	0.000272	309,085	139,395
Woodsdale	Ohio	7158	**GT4	194,413	1,419,359,736	0.000137	309,085	139,395
Woodsdale	Ohio	7158	**GT5	354,674	1,419,359,736	0.000250	309,085	139,395
Woodsdale	Ohio	7158	**GT6	331,121	1,419,359,736	0.000233	309,085	139,395
AES Shady Point	Oklahoma	10671	1A	8,328,728	731,075,847	0.011392		
AES Shady Point	Oklahoma	10671	1B	7,947,175	731,075,847	0.010871		
AES Shady Point	Oklahoma	10671	2A	7,731,688	731,075,847	0.010576		
AES Shady Point	Oklahoma	10671	2B	7,620,791	731,075,847	0.010424		
Anadarko	Oklahoma	3006	10	225,559	731,075,847	0.000309		
Anadarko	Oklahoma	3006	11	219,538	731,075,847	0.000300		
Anadarko	Oklahoma	3006	3	30,062	731,075,847	0.000041		
Anadarko	Oklahoma	3006	7	106,631	731,075,847	0.000146		
Anadarko	Oklahoma	3006	8	102,267	731,075,847	0.000140		
Anadarko	Oklahoma	3006	9	232,090	731,075,847	0.000317		
Anadarko Plant	Oklahoma	3006	4	3,908,215	731,075,847	0.005346		
Anadarko Plant	Oklahoma	3006	5	3,908,215	731,075,847	0.005346		
Anadarko Plant	Oklahoma	3006	6	3,908,215	731,075,847	0.005346		
Chouteau Power Plant	Oklahoma	7757	1	6,821,350	731,075,847	0.009331		
Chouteau Power Plant	Oklahoma	7757	2	6,901,013	731,075,847	0.009440		
Comanche (8059)	Oklahoma	8059	7251	5,044,106	731,075,847	0.006900		
Comanche (8059)	Oklahoma	8059	7252	6,509,308	731,075,847	0.008904		
Grand River Dam Authority	Oklahoma	165	1	37,648,542	731,075,847	0.051497		

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
West Lorain	Ohio	2869	4	93,559	88,453	25	11	8	7
West Lorain	Ohio	2869	5	93,559	88,453	38	17	11	11
West Lorain	Ohio	2869	6	93,559	88,453	33	15	10	9
Woodsdale	Ohio	7158	**GT1	93,559	88,453	91	41	27	26
Woodsdale	Ohio	7158	**GT2	93,559	88,453	15	7	4	4
Woodsdale	Ohio	7158	**GT3	93,559	88,453	84	38	25	24
Woodsdale	Ohio	7158	**GT4	93,559	88,453	42	19	13	12
Woodsdale	Ohio	7158	**GT5	93,559	88,453	77	35	23	22
Woodsdale	Ohio	7158	**GT6	93,559	88,453	72	33	22	21
AES Shady Point	Oklahoma	10671	1A						
AES Shady Point	Oklahoma	10671	1B						
AES Shady Point	Oklahoma	10671	2A						
AES Shady Point	Oklahoma	10671	2B						
Anadarko	Oklahoma	3006	10						
Anadarko	Oklahoma	3006	11						
Anadarko	Oklahoma	3006	3						
Anadarko	Oklahoma	3006	7						
Anadarko	Oklahoma	3006	8						
Anadarko	Oklahoma	3006	9						
Anadarko Plant	Oklahoma	3006	4						
Anadarko Plant	Oklahoma	3006	5						
Anadarko Plant	Oklahoma	3006	6						
Chouteau Power Plant	Oklahoma	7757	1						
Chouteau Power Plant	Oklahoma	7757	2						
Comanche (8059)	Oklahoma	8059	7251						
Comanche (8059)	Oklahoma	8059	7252						
Grand River Dam Authority	Oklahoma	165	1						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
West Lorain	Ohio	2869	4	1	1	0	0	0
West Lorain	Ohio	2869	5	1	1	0	0	0
West Lorain	Ohio	2869	6	1	1	0	0	0
Woodsdale	Ohio	7158	**GT1	0	0	0	0	0
Woodsdale	Ohio	7158	**GT2	0	0	0	0	0
Woodsdale	Ohio	7158	**GT3	0	0	0	0	0
Woodsdale	Ohio	7158	**GT4	0	0	0	0	0
Woodsdale	Ohio	7158	**GT5	0	0	0	0	0
Woodsdale	Ohio	7158	**GT6	0	0	0	0	0
AES Shady Point	Oklahoma	10671	1A		996	911		
AES Shady Point	Oklahoma	10671	1B		1,008	895		
AES Shady Point	Oklahoma	10671	2A		1,054	926		
AES Shady Point	Oklahoma	10671	2B		1,052	960		
Anadarko	Oklahoma	3006	10					
Anadarko	Oklahoma	3006	11					
Anadarko	Oklahoma	3006	3				0	0
Anadarko	Oklahoma	3006	7	0	0	0	0	0
Anadarko	Oklahoma	3006	8	0	0	0	0	0
Anadarko	Oklahoma	3006	9					
Anadarko Plant	Oklahoma	3006	4		4	10		9
Anadarko Plant	Oklahoma	3006	5		4	10		9
Anadarko Plant	Oklahoma	3006	6		4	10		9
Chouteau Power Plant	Oklahoma	7757	1	1	1	2	2	2
Chouteau Power Plant	Oklahoma	7757	2	1	1	2	2	2
Comanche (8059)	Oklahoma	8059	7251	2	2	2	2	1
Comanche (8059)	Oklahoma	8059	7252	2	2	2	1	2
Grand River Dam Authority	Oklahoma	165	1	14,403	12,423	14,277	13,050	13,264

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
West Lorain	Ohio	2869	4	0	0	0	1		
West Lorain	Ohio	2869	5	0	0	0	1		
West Lorain	Ohio	2869	6	0	0	0	1		
Woodsdale	Ohio	7158	**GT1	0	0	0	0		
Woodsdale	Ohio	7158	**GT2		0	0	0		
Woodsdale	Ohio	7158	**GT3	0	0	0	0		
Woodsdale	Ohio	7158	**GT4		0	0	0		
Woodsdale	Ohio	7158	**GT5	0	0	0	0		
Woodsdale	Ohio	7158	**GT6	0	0	0	0		
AES Shady Point	Oklahoma	10671	1A				996		
AES Shady Point	Oklahoma	10671	1B				1,008		
AES Shady Point	Oklahoma	10671	2A				1,054		
AES Shady Point	Oklahoma	10671	2B				1,052		
Anadarko	Oklahoma	3006	10			0	0		
Anadarko	Oklahoma	3006	11			0	0		
Anadarko	Oklahoma	3006	3	0	0	0	0		
Anadarko	Oklahoma	3006	7	0	0	0	0		
Anadarko	Oklahoma	3006	8	0	0	0	0		
Anadarko	Oklahoma	3006	9			0	0		
Anadarko Plant	Oklahoma	3006	4				10		
Anadarko Plant	Oklahoma	3006	5				10		
Anadarko Plant	Oklahoma	3006	6				10		
Chouteau Power Plant	Oklahoma	7757	1	2	2	2	2		
Chouteau Power Plant	Oklahoma	7757	2	2	2	2	2		
Comanche (8059)	Oklahoma	8059	7251	2		1	2		
Comanche (8059)	Oklahoma	8059	7252	2	2	2	2		
Grand River Dam Authority	Oklahoma	165	1	13,664	13,444	12,691	14,403		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
West Lorain	Ohio	2869	4					5	4
West Lorain	Ohio	2869	5					6	4
West Lorain	Ohio	2869	6					5	5
Woodsdale	Ohio	7158	**GT1					2	1
Woodsdale	Ohio	7158	**GT2					2	1
Woodsdale	Ohio	7158	**GT3					2	0
Woodsdale	Ohio	7158	**GT4					2	1
Woodsdale	Ohio	7158	**GT5					30	13
Woodsdale	Ohio	7158	**GT6					28	13
AES Shady Point	Oklahoma	10671	1A						151
AES Shady Point	Oklahoma	10671	1B						150
AES Shady Point	Oklahoma	10671	2A						145
AES Shady Point	Oklahoma	10671	2B						164
Anadarko	Oklahoma	3006	10						
Anadarko	Oklahoma	3006	11						
Anadarko	Oklahoma	3006	3					0	
Anadarko	Oklahoma	3006	7					7	3
Anadarko	Oklahoma	3006	8					6	3
Anadarko	Oklahoma	3006	9						
Anadarko Plant	Oklahoma	3006	4						162
Anadarko Plant	Oklahoma	3006	5						162
Anadarko Plant	Oklahoma	3006	6						162
Chouteau Power Plant	Oklahoma	7757	1					44	55
Chouteau Power Plant	Oklahoma	7757	2					40	54
Comanche (8059)	Oklahoma	8059	7251					1,464	1,301
Comanche (8059)	Oklahoma	8059	7252					1,320	1,254
Grand River Dam Authority	Oklahoma	165	1					9,267	6,376

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
West Lorain	Ohio	2869	4	4	0	2	1	0
West Lorain	Ohio	2869	5	2	1	3	1	0
West Lorain	Ohio	2869	6	2	1	2	1	0
Woodsdale	Ohio	7158	**GT1	3	3	26	16	13
Woodsdale	Ohio	7158	**GT2	3	1	1	0	1
Woodsdale	Ohio	7158	**GT3	18	12	30	20	18
Woodsdale	Ohio	7158	**GT4	3	1	1	0	17
Woodsdale	Ohio	7158	**GT5	26	14	26	20	15
Woodsdale	Ohio	7158	**GT6	3	15	27	19	12
AES Shady Point	Oklahoma	10671	1A	232	246	268	435	409
AES Shady Point	Oklahoma	10671	1B	200	209	227	380	260
AES Shady Point	Oklahoma	10671	2A	252	232	327	352	356
AES Shady Point	Oklahoma	10671	2B	275	177	213	240	275
Anadarko	Oklahoma	3006	10					
Anadarko	Oklahoma	3006	11					
Anadarko	Oklahoma	3006	3		1	1	10	0
Anadarko	Oklahoma	3006	7	5	6	3	3	2
Anadarko	Oklahoma	3006	8	5	5	3	4	3
Anadarko	Oklahoma	3006	9					
Anadarko Plant	Oklahoma	3006	4	401		350		
Anadarko Plant	Oklahoma	3006	5	401		350		
Anadarko Plant	Oklahoma	3006	6	401		350		
Chouteau Power Plant	Oklahoma	7757	1	75	86	89	102	60
Chouteau Power Plant	Oklahoma	7757	2	78	89	88	84	63
Comanche (8059)	Oklahoma	8059	7251	1,209	1,224	1,109	1,239	
Comanche (8059)	Oklahoma	8059	7252	1,206	1,094	1,184	1,798	2,449
Grand River Dam Authority	Oklahoma	165	1	8,227	7,980	7,999	6,926	6,407

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
West Lorain	Ohio	2869	4	2	5				
West Lorain	Ohio	2869	5	2	6				
West Lorain	Ohio	2869	6	2	5				
Woodsdale	Ohio	7158	**GT1	16	26				
Woodsdale	Ohio	7158	**GT2	5	5				
Woodsdale	Ohio	7158	**GT3	17	30				
Woodsdale	Ohio	7158	**GT4	17	17				
Woodsdale	Ohio	7158	**GT5	12	30				
Woodsdale	Ohio	7158	**GT6	9	28				
AES Shady Point	Oklahoma	10671	1A	533	533				
AES Shady Point	Oklahoma	10671	1B	417	417				
AES Shady Point	Oklahoma	10671	2A	480	480				
AES Shady Point	Oklahoma	10671	2B	445	445				
Anadarko	Oklahoma	3006	10	9	9				
Anadarko	Oklahoma	3006	11	9	9				
Anadarko	Oklahoma	3006	3	0	10				
Anadarko	Oklahoma	3006	7	1	7				
Anadarko	Oklahoma	3006	8	1	6				
Anadarko	Oklahoma	3006	9	10	10				
Anadarko Plant	Oklahoma	3006	4		401				
Anadarko Plant	Oklahoma	3006	5		401				
Anadarko Plant	Oklahoma	3006	6		401				
Chouteau Power Plant	Oklahoma	7757	1	62	102				
Chouteau Power Plant	Oklahoma	7757	2	76	89				
Comanche (8059)	Oklahoma	8059	7251	865	1,464				
Comanche (8059)	Oklahoma	8059	7252	1,532	2,449				
Grand River Dam Authority	Oklahoma	165	1	6,363	9,267				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
West Lorain	Ohio	2869	4			1	1
West Lorain	Ohio	2869	5			1	1
West Lorain	Ohio	2869	6			1	1
Woodsdale	Ohio	7158	**GT1			0	0
Woodsdale	Ohio	7158	**GT2			0	0
Woodsdale	Ohio	7158	**GT3			0	0
Woodsdale	Ohio	7158	**GT4			0	0
Woodsdale	Ohio	7158	**GT5			0	0
Woodsdale	Ohio	7158	**GT6			0	0
AES Shady Point	Oklahoma	10671	1A				
AES Shady Point	Oklahoma	10671	1B				
AES Shady Point	Oklahoma	10671	2A				
AES Shady Point	Oklahoma	10671	2B				
Anadarko	Oklahoma	3006	10				
Anadarko	Oklahoma	3006	11				
Anadarko	Oklahoma	3006	3				
Anadarko	Oklahoma	3006	7				
Anadarko	Oklahoma	3006	8				
Anadarko	Oklahoma	3006	9				
Anadarko Plant	Oklahoma	3006	4				
Anadarko Plant	Oklahoma	3006	5				
Anadarko Plant	Oklahoma	3006	6				
Chouteau Power Plant	Oklahoma	7757	1				
Chouteau Power Plant	Oklahoma	7757	2				
Comanche (8059)	Oklahoma	8059	7251				
Comanche (8059)	Oklahoma	8059	7252				
Grand River Dam Authority	Oklahoma	165	1				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
West Lorain	Ohio	2869	4	1	1	1	1
West Lorain	Ohio	2869	5	1	1	1	1
West Lorain	Ohio	2869	6	1	1	1	1
Woodsdale	Ohio	7158	**GT1	0	0	0	0
Woodsdale	Ohio	7158	**GT2	0	0	0	0
Woodsdale	Ohio	7158	**GT3	0	0	0	0
Woodsdale	Ohio	7158	**GT4	0	0	0	0
Woodsdale	Ohio	7158	**GT5	0	0	0	0
Woodsdale	Ohio	7158	**GT6	0	0	0	0
AES Shady Point	Oklahoma	10671	1A				
AES Shady Point	Oklahoma	10671	1B				
AES Shady Point	Oklahoma	10671	2A				
AES Shady Point	Oklahoma	10671	2B				
Anadarko	Oklahoma	3006	10				
Anadarko	Oklahoma	3006	11				
Anadarko	Oklahoma	3006	3				
Anadarko	Oklahoma	3006	7				
Anadarko	Oklahoma	3006	8				
Anadarko	Oklahoma	3006	9				
Anadarko Plant	Oklahoma	3006	4				
Anadarko Plant	Oklahoma	3006	5				
Anadarko Plant	Oklahoma	3006	6				
Chouteau Power Plant	Oklahoma	7757	1				
Chouteau Power Plant	Oklahoma	7757	2				
Comanche (8059)	Oklahoma	8059	7251				
Comanche (8059)	Oklahoma	8059	7252				
Grand River Dam Authority	Oklahoma	165	1				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
West Lorain	Ohio	2869	4	5	5	5	5
West Lorain	Ohio	2869	5	6	6	6	6
West Lorain	Ohio	2869	6	5	5	5	5
Woodsdale	Ohio	7158	**GT1	26	26	26	26
Woodsdale	Ohio	7158	**GT2	5	5	4	4
Woodsdale	Ohio	7158	**GT3	26	26	25	25
Woodsdale	Ohio	7158	**GT4	13	13	13	13
Woodsdale	Ohio	7158	**GT5	24	24	23	23
Woodsdale	Ohio	7158	**GT6	22	23	21	21
AES Shady Point	Oklahoma	10671	1A				
AES Shady Point	Oklahoma	10671	1B				
AES Shady Point	Oklahoma	10671	2A				
AES Shady Point	Oklahoma	10671	2B				
Anadarko	Oklahoma	3006	10				
Anadarko	Oklahoma	3006	11				
Anadarko	Oklahoma	3006	3				
Anadarko	Oklahoma	3006	7				
Anadarko	Oklahoma	3006	8				
Anadarko	Oklahoma	3006	9				
Anadarko Plant	Oklahoma	3006	4				
Anadarko Plant	Oklahoma	3006	5				
Anadarko Plant	Oklahoma	3006	6				
Chouteau Power Plant	Oklahoma	7757	1				
Chouteau Power Plant	Oklahoma	7757	2				
Comanche (8059)	Oklahoma	8059	7251				
Comanche (8059)	Oklahoma	8059	7252				
Grand River Dam Authority	Oklahoma	165	1				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
West Lorain	Ohio	2869	4	5	5	28,905	111,271	50,661
West Lorain	Ohio	2869	5	6	6	152,416	172,838	28,367
West Lorain	Ohio	2869	6	5	5	133,009	139,038	31,582
Woodsdale	Ohio	7158	**GT1	26	26	12,607	209,459	139,579
Woodsdale	Ohio	7158	**GT2	4	4	12,341	7,656	
Woodsdale	Ohio	7158	**GT3	25	25	125,394	202,090	141,792
Woodsdale	Ohio	7158	**GT4	13	13	20,127	6,560	
Woodsdale	Ohio	7158	**GT5	23	23	116,022	188,242	140,170
Woodsdale	Ohio	7158	**GT6	21	21	114,765	187,445	134,618
AES Shady Point	Oklahoma	10671	1A			3,730,457	4,109,668	4,293,021
AES Shady Point	Oklahoma	10671	1B			3,672,918	3,886,191	4,024,804
AES Shady Point	Oklahoma	10671	2A			3,285,795	4,012,785	2,824,710
AES Shady Point	Oklahoma	10671	2B			3,149,938	3,805,469	2,758,373
Anadarko	Oklahoma	3006	10					
Anadarko	Oklahoma	3006	11					
Anadarko	Oklahoma	3006	3			2,619	3,308	78,860
Anadarko	Oklahoma	3006	7			91,538	60,864	70,257
Anadarko	Oklahoma	3006	8			80,068	53,386	60,177
Anadarko	Oklahoma	3006	9					
Anadarko Plant	Oklahoma	3006	4			2,190,425	1,562,425	2,223,466
Anadarko Plant	Oklahoma	3006	5			1,331,622	1,994,420	1,108,410
Anadarko Plant	Oklahoma	3006	6			1,644,858	1,815,838	1,459,357
Chouteau Power Plant	Oklahoma	7757	1			2,881,915	2,958,194	2,078,268
Chouteau Power Plant	Oklahoma	7757	2			3,090,194	2,994,418	1,991,276
Comanche (8059)	Oklahoma	8059	7251			2,352,560	2,819,806	2,736,985
Comanche (8059)	Oklahoma	8059	7252			2,425,639	2,895,193	2,758,479
Grand River Dam Authority	Oklahoma	165	1			15,756,475	16,554,775	15,813,058

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
West Lorain	Ohio	2869	4	8,458	118,747	93,560	616,903,319	0.000152
West Lorain	Ohio	2869	5	16,133	128,352	151,202	616,903,319	0.000245
West Lorain	Ohio	2869	6	9,176	141,614	137,887	616,903,319	0.000224
Woodsdale	Ohio	7158	**GT1	101,273	199,469	182,836	616,903,319	0.000296
Woodsdale	Ohio	7158	**GT2	9,922	142,029	54,764	616,903,319	0.000089
Woodsdale	Ohio	7158	**GT3	80,880	199,874	181,252	616,903,319	0.000294
Woodsdale	Ohio	7158	**GT4	96,461	162,651	93,080	616,903,319	0.000151
Woodsdale	Ohio	7158	**GT5	76,210	160,038	162,817	616,903,319	0.000264
Woodsdale	Ohio	7158	**GT6	72,766	151,175	157,746	616,903,319	0.000256
AES Shady Point	Oklahoma	10671	1A	3,453,883	3,643,107	4,044,382	354,401,657	0.011412
AES Shady Point	Oklahoma	10671	1B	3,224,055	3,517,591	3,861,304	354,401,657	0.010895
AES Shady Point	Oklahoma	10671	2A	3,235,888	2,654,048	3,511,489	354,401,657	0.009908
AES Shady Point	Oklahoma	10671	2B	3,207,156	2,982,378	3,387,521	354,401,657	0.009558
Anadarko	Oklahoma	3006	10		157,955	157,955	354,401,657	0.000446
Anadarko	Oklahoma	3006	11		153,696	153,696	354,401,657	0.000434
Anadarko	Oklahoma	3006	3	3,482	1,917	28,550	354,401,657	0.000081
Anadarko	Oklahoma	3006	7	56,704	21,150	74,220	354,401,657	0.000209
Anadarko	Oklahoma	3006	8	56,854	16,098	65,699	354,401,657	0.000185
Anadarko	Oklahoma	3006	9		172,767	172,767	354,401,657	0.000487
Anadarko Plant	Oklahoma	3006	4	1,449,960		1,992,105	354,401,657	0.005621
Anadarko Plant	Oklahoma	3006	5	1,804,980		1,710,341	354,401,657	0.004826
Anadarko Plant	Oklahoma	3006	6	1,063,807		1,640,018	354,401,657	0.004628
Chouteau Power Plant	Oklahoma	7757	1	2,193,266	2,474,101	2,771,403	354,401,657	0.007820
Chouteau Power Plant	Oklahoma	7757	2	2,364,138	2,876,781	2,987,131	354,401,657	0.008429
Comanche (8059)	Oklahoma	8059	7251		2,016,406	2,636,450	354,401,657	0.007439
Comanche (8059)	Oklahoma	8059	7252	3,258,874	2,718,457	2,970,849	354,401,657	0.008383
Grand River Dam Authority	Oklahoma	165	1	15,685,419	14,447,356	16,041,436	354,401,657	0.045263

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
West Lorain	Ohio	2869	4	40,458	38,233	6	6	3	1
West Lorain	Ohio	2869	5	40,458	38,233	10	9	2	1
West Lorain	Ohio	2869	6	40,458	38,233	9	9	2	2
Woodsdale	Ohio	7158	**GT1	40,458	38,233	12	11	1	0
Woodsdale	Ohio	7158	**GT2	40,458	38,233	4	3	1	0
Woodsdale	Ohio	7158	**GT3	40,458	38,233	12	11	1	0
Woodsdale	Ohio	7158	**GT4	40,458	38,233	6	6	1	0
Woodsdale	Ohio	7158	**GT5	40,458	38,233	11	10	14	
Woodsdale	Ohio	7158	**GT6	40,458	38,233	10	10	13	
AES Shady Point	Oklahoma	10671	1A	35,836	22,240	409	254		70
AES Shady Point	Oklahoma	10671	1B	35,836	22,240	390	242		69
AES Shady Point	Oklahoma	10671	2A	35,836	22,240	355	220		57
AES Shady Point	Oklahoma	10671	2B	35,836	22,240	343	213		66
Anadarko	Oklahoma	3006	10	35,836	22,240	16	10		
Anadarko	Oklahoma	3006	11	35,836	22,240	16	10		
Anadarko	Oklahoma	3006	3	35,836	22,240	3	2		
Anadarko	Oklahoma	3006	7	35,836	22,240	8	5	6	1
Anadarko	Oklahoma	3006	8	35,836	22,240	7	4	5	2
Anadarko	Oklahoma	3006	9	35,836	22,240	17	11		
Anadarko Plant	Oklahoma	3006	4	35,836	22,240	201	125	478	295
Anadarko Plant	Oklahoma	3006	5	35,836	22,240	173	107	314	153
Anadarko Plant	Oklahoma	3006	6	35,836	22,240	166	103	495	425
Chouteau Power Plant	Oklahoma	7757	1	35,836	22,240	280	174	19	25
Chouteau Power Plant	Oklahoma	7757	2	35,836	22,240	302	187	17	25
Comanche (8059)	Oklahoma	8059	7251	35,836	22,240	267	165	632	573
Comanche (8059)	Oklahoma	8059	7252	35,836	22,240	300	186	583	439
Grand River Dam Authority	Oklahoma	165	1	35,836	22,240	1,622	1,007	3,961	2,456

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
West Lorain	Ohio	2869	4	2	0	1	1	0	1
West Lorain	Ohio	2869	5	1	1	2	0	0	1
West Lorain	Ohio	2869	6	1	1	1	0	0	1
Woodsdale	Ohio	7158	**GT1	2	1	10	7	4	8
Woodsdale	Ohio	7158	**GT2	2	1	1		1	4
Woodsdale	Ohio	7158	**GT3	16	6	13	9	5	10
Woodsdale	Ohio	7158	**GT4	2	1	1		5	9
Woodsdale	Ohio	7158	**GT5	15	7	11	10	4	7
Woodsdale	Ohio	7158	**GT6	1	7	11	8	4	8
AES Shady Point	Oklahoma	10671	1A	94	125	129	217	186	220
AES Shady Point	Oklahoma	10671	1B	70	93	99	186	110	207
AES Shady Point	Oklahoma	10671	2A	75	99	162	136	153	204
AES Shady Point	Oklahoma	10671	2B	73	73	87	90	116	207
Anadarko	Oklahoma	3006	10						7
Anadarko	Oklahoma	3006	11						6
Anadarko	Oklahoma	3006	3		0	0	10	0	0
Anadarko	Oklahoma	3006	7	3	4	2	2	2	1
Anadarko	Oklahoma	3006	8	4	3	2	2	2	1
Anadarko	Oklahoma	3006	9						7
Anadarko Plant	Oklahoma	3006	4	361	657	469	667	435	
Anadarko Plant	Oklahoma	3006	5	449	399	598	333	541	
Anadarko Plant	Oklahoma	3006	6	252	493	545	438	319	
Chouteau Power Plant	Oklahoma	7757	1	40	34	39	30	25	29
Chouteau Power Plant	Oklahoma	7757	2	38	38	38	26	25	36
Comanche (8059)	Oklahoma	8059	7251	610	538	605	613		467
Comanche (8059)	Oklahoma	8059	7252	595	525	615	652	964	701
Grand River Dam Authority	Oklahoma	165	1	3,535	3,308	3,346	2,746	2,631	2,653

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
West Lorain	Ohio	2869	4	3					
West Lorain	Ohio	2869	5	2					
West Lorain	Ohio	2869	6	2					
Woodsdale	Ohio	7158	**GT1	10					
Woodsdale	Ohio	7158	**GT2	4					
Woodsdale	Ohio	7158	**GT3	16					
Woodsdale	Ohio	7158	**GT4	9					
Woodsdale	Ohio	7158	**GT5	15					
Woodsdale	Ohio	7158	**GT6	13					
AES Shady Point	Oklahoma	10671	1A	220					
AES Shady Point	Oklahoma	10671	1B	207					
AES Shady Point	Oklahoma	10671	2A	204					
AES Shady Point	Oklahoma	10671	2B	207					
Anadarko	Oklahoma	3006	10	7					
Anadarko	Oklahoma	3006	11	6					
Anadarko	Oklahoma	3006	3	10					
Anadarko	Oklahoma	3006	7	6					
Anadarko	Oklahoma	3006	8	5					
Anadarko	Oklahoma	3006	9	7					
Anadarko Plant	Oklahoma	3006	4	667					
Anadarko Plant	Oklahoma	3006	5	598					
Anadarko Plant	Oklahoma	3006	6	545					
Chouteau Power Plant	Oklahoma	7757	1	40					
Chouteau Power Plant	Oklahoma	7757	2	38					
Comanche (8059)	Oklahoma	8059	7251	632					
Comanche (8059)	Oklahoma	8059	7252	964					
Grand River Dam Authority	Oklahoma	165	1	3,961					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
West Lorain	Ohio	2869	4			3	3
West Lorain	Ohio	2869	5			2	2
West Lorain	Ohio	2869	6			2	2
Woodsdale	Ohio	7158	**GT1			10	10
Woodsdale	Ohio	7158	**GT2			4	4
Woodsdale	Ohio	7158	**GT3			13	13
Woodsdale	Ohio	7158	**GT4			6	7
Woodsdale	Ohio	7158	**GT5			11	11
Woodsdale	Ohio	7158	**GT6			11	11
AES Shady Point	Oklahoma	10671	1A				220
AES Shady Point	Oklahoma	10671	1B				207
AES Shady Point	Oklahoma	10671	2A				204
AES Shady Point	Oklahoma	10671	2B				207
Anadarko	Oklahoma	3006	10				7
Anadarko	Oklahoma	3006	11				6
Anadarko	Oklahoma	3006	3				2
Anadarko	Oklahoma	3006	7				6
Anadarko	Oklahoma	3006	8				5
Anadarko	Oklahoma	3006	9				7
Anadarko Plant	Oklahoma	3006	4				157
Anadarko Plant	Oklahoma	3006	5				134
Anadarko Plant	Oklahoma	3006	6				129
Chouteau Power Plant	Oklahoma	7757	1				40
Chouteau Power Plant	Oklahoma	7757	2				38
Comanche (8059)	Oklahoma	8059	7251				207
Comanche (8059)	Oklahoma	8059	7252				233
Grand River Dam Authority	Oklahoma	165	1				1,261

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
West Lorain	Ohio	2869	4	3	3	3	3
West Lorain	Ohio	2869	5	2	2	2	2
West Lorain	Ohio	2869	6	2	2	2	2
Woodsdale	Ohio	7158	**GT1	10	10	10	10
Woodsdale	Ohio	7158	**GT2	4	4	4	4
Woodsdale	Ohio	7158	**GT3	12	12	12	12
Woodsdale	Ohio	7158	**GT4	6	6	6	6
Woodsdale	Ohio	7158	**GT5	11	11	11	11
Woodsdale	Ohio	7158	**GT6	10	10	10	10
AES Shady Point	Oklahoma	10671	1A	220	220	220	220
AES Shady Point	Oklahoma	10671	1B	207	207	207	207
AES Shady Point	Oklahoma	10671	2A	204	204	204	204
AES Shady Point	Oklahoma	10671	2B	207	207	207	207
Anadarko	Oklahoma	3006	10	7	7	7	7
Anadarko	Oklahoma	3006	11	6	6	6	6
Anadarko	Oklahoma	3006	3	2	2	2	2
Anadarko	Oklahoma	3006	7	6	6	6	6
Anadarko	Oklahoma	3006	8	5	5	5	5
Anadarko	Oklahoma	3006	9	7	7	7	7
Anadarko Plant	Oklahoma	3006	4	157	157	157	157
Anadarko Plant	Oklahoma	3006	5	134	134	134	134
Anadarko Plant	Oklahoma	3006	6	129	129	129	129
Chouteau Power Plant	Oklahoma	7757	1	40	40	40	40
Chouteau Power Plant	Oklahoma	7757	2	38	38	38	38
Comanche (8059)	Oklahoma	8059	7251	207	207	207	207
Comanche (8059)	Oklahoma	8059	7252	233	233	233	233
Grand River Dam Authority	Oklahoma	165	1	1,261	1,261	1,261	1,261

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
West Lorain	Ohio	2869	4	Y	Y		Y		
West Lorain	Ohio	2869	5	Y	Y		Y		
West Lorain	Ohio	2869	6	Y	Y		Y		
Woodsdale	Ohio	7158	**GT1	Y	Y		Y		
Woodsdale	Ohio	7158	**GT2	Y	Y		Y		
Woodsdale	Ohio	7158	**GT3	Y	Y		Y		
Woodsdale	Ohio	7158	**GT4	Y	Y		Y		
Woodsdale	Ohio	7158	**GT5	Y	Y		Y		
Woodsdale	Ohio	7158	**GT6	Y	Y		Y		
AES Shady Point	Oklahoma	10671	1A				Y	Y	Y
AES Shady Point	Oklahoma	10671	1B				Y	Y	Y
AES Shady Point	Oklahoma	10671	2A				Y	Y	Y
AES Shady Point	Oklahoma	10671	2B				Y	Y	Y
Anadarko	Oklahoma	3006	10				Y		Y
Anadarko	Oklahoma	3006	11				Y		Y
Anadarko	Oklahoma	3006	3				Y		
Anadarko	Oklahoma	3006	7				Y		
Anadarko	Oklahoma	3006	8				Y		
Anadarko	Oklahoma	3006	9				Y		Y
Anadarko Plant	Oklahoma	3006	4				Y	Y	
Anadarko Plant	Oklahoma	3006	5				Y	Y	
Anadarko Plant	Oklahoma	3006	6				Y	Y	
Chouteau Power Plant	Oklahoma	7757	1				Y		
Chouteau Power Plant	Oklahoma	7757	2				Y		
Comanche (8059)	Oklahoma	8059	7251				Y		
Comanche (8059)	Oklahoma	8059	7252				Y		
Grand River Dam Authority	Oklahoma	165	1				Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Grand River Dam Authority	Oklahoma	165	2	96	38,292,642	44,253,987	46,523,261	46,197,277	42,498,138
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	4006	6,314,951	7,953,264	9,124,490	8,515,345	6,188,791
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	4007	5,854,617	8,002,727	7,866,625	9,839,563	5,405,858
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	4008	7,162,613	6,138,258	6,324,775	8,588,283	6,571,160
Horseshoe Lake	Oklahoma	2951	10	1999	232,251	143,616	142,768	186,445	305,292
Horseshoe Lake	Oklahoma	2951	6	2000	2,716,001	2,741,280	3,937,309	3,082,651	3,956,270
Horseshoe Lake	Oklahoma	2951	7	2001	4,020,254	3,757,140	4,417,205	5,417,632	9,706,967
Horseshoe Lake	Oklahoma	2951	8	2002	4,160,334	6,685,447	1,846,527	2,382,164	8,464,829
Horseshoe Lake	Oklahoma	2951	9	2003	263,825	141,418	141,046	203,663	71,484
Hugo	Oklahoma	6772	1	2908	31,189,787	34,549,906	35,739,017	34,047,590	28,949,435
McClain Energy Facility	Oklahoma	55457	CT1	4808	11,939,861	11,398,285	8,046,483	12,099,937	11,585,594
McClain Energy Facility	Oklahoma	55457	CT2	4809	12,016,133	11,486,471	8,389,905	12,218,603	11,531,803
Mooreland	Oklahoma	3008	1	2029	99,345	32,783	55,973	33,604	52,026
Mooreland	Oklahoma	3008	2	2030	1,932,764	1,978,978	3,033,107	3,077,518	2,466,480
Mooreland	Oklahoma	3008	3	2031	1,200,262	531,773	1,024,678	2,453,009	2,936,873
Muskogee	Oklahoma	2952	3	2004	1,632,916	3,462,603	2,041,912		
Muskogee	Oklahoma	2952	4	2005	35,860,758	27,804,675	38,359,993	26,599,816	29,308,318
Muskogee	Oklahoma	2952	5	2006	37,190,798	24,191,118	30,929,766	32,869,678	30,748,157
Muskogee	Oklahoma	2952	6	2007	31,864,872	35,741,871	35,276,700	32,965,442	25,970,282
Mustang	Oklahoma	2953	1	2008	71,455	127,375	40,494	145,394	648,384
Mustang	Oklahoma	2953	2	2009	26,874	123,933	37,530	148,501	636,546
Mustang	Oklahoma	2953	3	2010	1,058,808	2,357,265	2,134,100	1,211,210	2,718,320
Mustang	Oklahoma	2953	4	2011	5,046,642	7,535,186	6,067,509	3,288,191	4,317,299
Mustang	Oklahoma	2953	5A		62,122	46,975	24,960	49,640	123,135
Mustang	Oklahoma	2953	5B		62,122	46,975	24,960	49,640	123,135
Northeastern	Oklahoma	2963	3301A	2016	9,112,809	11,698,582	10,367,637	10,018,467	10,299,034
Northeastern	Oklahoma	2963	3301B	2017	9,235,464	11,551,895	11,466,370	8,519,222	10,053,227

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Grand River Dam Authority	Oklahoma	165	2	45,658,175	731,075,847	0.062453		
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	8,531,033	731,075,847	0.011669		
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	8,569,638	731,075,847	0.011722		
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	7,440,686	731,075,847	0.010178		
Horseshoe Lake	Oklahoma	2951	10	241,329	731,075,847	0.000330		
Horseshoe Lake	Oklahoma	2951	6	3,658,744	731,075,847	0.005005		
Horseshoe Lake	Oklahoma	2951	7	6,513,935	731,075,847	0.008910		
Horseshoe Lake	Oklahoma	2951	8	6,436,870	731,075,847	0.008805		
Horseshoe Lake	Oklahoma	2951	9	202,969	731,075,847	0.000278		
Hugo	Oklahoma	6772	1	34,778,838	731,075,847	0.047572		
McClain Energy Facility	Oklahoma	55457	CT1	11,875,131	731,075,847	0.016243		
McClain Energy Facility	Oklahoma	55457	CT2	11,922,180	731,075,847	0.016308		
Mooreland	Oklahoma	3008	1	69,115	731,075,847	0.000095		
Mooreland	Oklahoma	3008	2	2,859,035	731,075,847	0.003911		
Mooreland	Oklahoma	3008	3	2,196,715	731,075,847	0.003005		
Muskogee	Oklahoma	2952	3	2,379,144	731,075,847	0.003254		
Muskogee	Oklahoma	2952	4	34,509,689	731,075,847	0.047204		
Muskogee	Oklahoma	2952	5	33,663,414	731,075,847	0.046046		
Muskogee	Oklahoma	2952	6	34,661,338	731,075,847	0.047411		
Mustang	Oklahoma	2953	1	307,051	731,075,847	0.000420		
Mustang	Oklahoma	2953	2	302,993	731,075,847	0.000414		
Mustang	Oklahoma	2953	3	2,403,228	731,075,847	0.003287		
Mustang	Oklahoma	2953	4	6,216,446	731,075,847	0.008503		
Mustang	Oklahoma	2953	5A	78,299	731,075,847	0.000107		
Mustang	Oklahoma	2953	5B	78,299	731,075,847	0.000107		
Northeastern	Oklahoma	2963	3301A	10,788,417	731,075,847	0.014757		
Northeastern	Oklahoma	2963	3301B	11,023,831	731,075,847	0.015079		

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Grand River Dam Authority	Oklahoma	165	2						
Green Country Energy, LLC	Oklahoma	55146	CTGEN1						
Green Country Energy, LLC	Oklahoma	55146	CTGEN2						
Green Country Energy, LLC	Oklahoma	55146	CTGEN3						
Horseshoe Lake	Oklahoma	2951	10						
Horseshoe Lake	Oklahoma	2951	6						
Horseshoe Lake	Oklahoma	2951	7						
Horseshoe Lake	Oklahoma	2951	8						
Horseshoe Lake	Oklahoma	2951	9						
Hugo	Oklahoma	6772	1						
McClain Energy Facility	Oklahoma	55457	CT1						
McClain Energy Facility	Oklahoma	55457	CT2						
Mooreland	Oklahoma	3008	1						
Mooreland	Oklahoma	3008	2						
Mooreland	Oklahoma	3008	3						
Muskogee	Oklahoma	2952	3						
Muskogee	Oklahoma	2952	4						
Muskogee	Oklahoma	2952	5						
Muskogee	Oklahoma	2952	6						
Mustang	Oklahoma	2953	1						
Mustang	Oklahoma	2953	2						
Mustang	Oklahoma	2953	3						
Mustang	Oklahoma	2953	4						
Mustang	Oklahoma	2953	5A						
Mustang	Oklahoma	2953	5B						
Northeastern	Oklahoma	2963	3301A						
Northeastern	Oklahoma	2963	3301B						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Grand River Dam Authority	Oklahoma	165	2	3,955	3,995	4,114	3,751	4,365
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	1	1	2	2	2
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	2	1	2	2	2
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	2	1	2	2	2
Horseshoe Lake	Oklahoma	2951	10	0	0	0	0	0
Horseshoe Lake	Oklahoma	2951	6	1	1	1	1	1
Horseshoe Lake	Oklahoma	2951	7	9	1	2	2	44
Horseshoe Lake	Oklahoma	2951	8	1	1	1	1	2
Horseshoe Lake	Oklahoma	2951	9	0	0	0	0	0
Hugo	Oklahoma	6772	1	8,062	9,171	10,323	9,363	10,151
McClain Energy Facility	Oklahoma	55457	CT1	2	3	3	4	3
McClain Energy Facility	Oklahoma	55457	CT2	1	3	3	4	3
Mooreland	Oklahoma	3008	1	0	0		0	0
Mooreland	Oklahoma	3008	2	0	0	0	1	1
Mooreland	Oklahoma	3008	3	0	0	0	0	0
Muskogee	Oklahoma	2952	3	0	0	0	0	1
Muskogee	Oklahoma	2952	4	9,166	9,704	7,861	9,775	7,310
Muskogee	Oklahoma	2952	5	11,160	8,386	8,406	10,224	6,362
Muskogee	Oklahoma	2952	6	9,135	7,750	9,505	8,628	9,500
Mustang	Oklahoma	2953	1	0	0	0	0	0
Mustang	Oklahoma	2953	2	0	0	0	0	0
Mustang	Oklahoma	2953	3	1	1	0	0	1
Mustang	Oklahoma	2953	4	2	1	1	2	2
Mustang	Oklahoma	2953	5A			0		0
Mustang	Oklahoma	2953	5B			0		0
Northeastern	Oklahoma	2963	3301A	2	2	3	3	4
Northeastern	Oklahoma	2963	3301B	2	2	3	3	3

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Grand River Dam Authority	Oklahoma	165	2	4,813	4,569	4,073	4,813		
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	3	3	2	3		
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	2	3	2	3		
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	2	3	2	3		
Horseshoe Lake	Oklahoma	2951	10	0	0	0	0		
Horseshoe Lake	Oklahoma	2951	6	1	1	1	1		
Horseshoe Lake	Oklahoma	2951	7	1	2	3	44		
Horseshoe Lake	Oklahoma	2951	8	1	1	3	3		
Horseshoe Lake	Oklahoma	2951	9	0	0	0	0		
Hugo	Oklahoma	6772	1	10,676	9,703	8,598	10,676		
McClain Energy Facility	Oklahoma	55457	CT1	2	4	3	4		
McClain Energy Facility	Oklahoma	55457	CT2	3	4	3	4		
Mooreland	Oklahoma	3008	1	0	0	0	0		
Mooreland	Oklahoma	3008	2	1	1	1	1		
Mooreland	Oklahoma	3008	3	0	1	1	1		
Muskogee	Oklahoma	2952	3	1			1		
Muskogee	Oklahoma	2952	4	9,702	7,432	8,274	9,775		
Muskogee	Oklahoma	2952	5	7,980	8,914	8,628	11,160		
Muskogee	Oklahoma	2952	6	9,249	9,186	7,307	9,505		
Mustang	Oklahoma	2953	1	0	0	0	0		
Mustang	Oklahoma	2953	2	0	0	0	0		
Mustang	Oklahoma	2953	3	1	0	1	1		
Mustang	Oklahoma	2953	4	2	1	1	2		
Mustang	Oklahoma	2953	5A				0		
Mustang	Oklahoma	2953	5B				0		
Northeastern	Oklahoma	2963	3301A	3	3	3	4		
Northeastern	Oklahoma	2963	3301B	3	3	3	3		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Grand River Dam Authority	Oklahoma	165	2					7,979	7,843
Green Country Energy, LLC	Oklahoma	55146	CTGEN1					74	105
Green Country Energy, LLC	Oklahoma	55146	CTGEN2					78	119
Green Country Energy, LLC	Oklahoma	55146	CTGEN3					78	130
Horseshoe Lake	Oklahoma	2951	10					9	13
Horseshoe Lake	Oklahoma	2951	6					368	382
Horseshoe Lake	Oklahoma	2951	7					404	339
Horseshoe Lake	Oklahoma	2951	8					513	406
Horseshoe Lake	Oklahoma	2951	9					4	14
Hugo	Oklahoma	6772	1					3,584	3,999
McClain Energy Facility	Oklahoma	55457	CT1					107	147
McClain Energy Facility	Oklahoma	55457	CT2					98	150
Mooreland	Oklahoma	3008	1					5	2
Mooreland	Oklahoma	3008	2					100	30
Mooreland	Oklahoma	3008	3					76	17
Muskogee	Oklahoma	2952	3					168	132
Muskogee	Oklahoma	2952	4					5,326	5,773
Muskogee	Oklahoma	2952	5					7,499	5,835
Muskogee	Oklahoma	2952	6					6,242	5,115
Mustang	Oklahoma	2953	1					5	4
Mustang	Oklahoma	2953	2					5	4
Mustang	Oklahoma	2953	3					263	276
Mustang	Oklahoma	2953	4					1,051	718
Mustang	Oklahoma	2953	5A						
Mustang	Oklahoma	2953	5B						
Northeastern	Oklahoma	2963	3301A					92	111
Northeastern	Oklahoma	2963	3301B					119	109

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Grand River Dam Authority	Oklahoma	165	2	7,301	6,803	6,819	7,152	7,939
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	144	105	126	132	113
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	114	98	136	113	137
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	115	121	100	89	115
Horseshoe Lake	Oklahoma	2951	10	15	9	7	6	8
Horseshoe Lake	Oklahoma	2951	6	314	369	375	555	436
Horseshoe Lake	Oklahoma	2951	7	240	347	415	347	422
Horseshoe Lake	Oklahoma	2951	8	345	287	441	94	163
Horseshoe Lake	Oklahoma	2951	9	21	8	6	6	9
Hugo	Oklahoma	6772	1	4,056	3,678	3,454	3,421	3,226
McClain Energy Facility	Oklahoma	55457	CT1	157	173	164	117	173
McClain Energy Facility	Oklahoma	55457	CT2	158	171	162	123	178
Mooreland	Oklahoma	3008	1		18	5	12	6
Mooreland	Oklahoma	3008	2	99	170	120	208	207
Mooreland	Oklahoma	3008	3	21	89	37	74	167
Muskogee	Oklahoma	2952	3	153	226	537	299	
Muskogee	Oklahoma	2952	4	4,885	5,117	3,852	5,789	4,265
Muskogee	Oklahoma	2952	5	5,288	6,003	3,872	4,774	5,164
Muskogee	Oklahoma	2952	6	7,125	5,727	6,189	6,212	5,720
Mustang	Oklahoma	2953	1	4	8	13	4	15
Mustang	Oklahoma	2953	2	1	2	10	3	11
Mustang	Oklahoma	2953	3	142	135	316	256	142
Mustang	Oklahoma	2953	4	657	1,086	1,461	1,037	568
Mustang	Oklahoma	2953	5A	16		6		
Mustang	Oklahoma	2953	5B	16		6		
Northeastern	Oklahoma	2963	3301A	214	177	216	192	177
Northeastern	Oklahoma	2963	3301B	167	155	197	216	151

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Grand River Dam Authority	Oklahoma	165	2	7,314	7,979				
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	94	144				
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	77	137				
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	91	130				
Horseshoe Lake	Oklahoma	2951	10	14	15				
Horseshoe Lake	Oklahoma	2951	6	509	555				
Horseshoe Lake	Oklahoma	2951	7	692	692				
Horseshoe Lake	Oklahoma	2951	8	566	566				
Horseshoe Lake	Oklahoma	2951	9	3	21				
Hugo	Oklahoma	6772	1	2,725	4,056				
McClain Energy Facility	Oklahoma	55457	CT1	172	173				
McClain Energy Facility	Oklahoma	55457	CT2	169	178				
Mooreland	Oklahoma	3008	1	11	18				
Mooreland	Oklahoma	3008	2	167	208				
Mooreland	Oklahoma	3008	3	199	199				
Muskogee	Oklahoma	2952	3		537				
Muskogee	Oklahoma	2952	4	5,092	5,789				
Muskogee	Oklahoma	2952	5	5,449	7,499				
Muskogee	Oklahoma	2952	6	4,518	7,125				
Mustang	Oklahoma	2953	1	49	49				
Mustang	Oklahoma	2953	2	38	38				
Mustang	Oklahoma	2953	3	289	316				
Mustang	Oklahoma	2953	4	852	1,461				
Mustang	Oklahoma	2953	5A		16				
Mustang	Oklahoma	2953	5B		16				
Northeastern	Oklahoma	2963	3301A	192	216				
Northeastern	Oklahoma	2963	3301B	188	216				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Grand River Dam Authority	Oklahoma	165	2				
Green Country Energy, LLC	Oklahoma	55146	CTGEN1				
Green Country Energy, LLC	Oklahoma	55146	CTGEN2				
Green Country Energy, LLC	Oklahoma	55146	CTGEN3				
Horseshoe Lake	Oklahoma	2951	10				
Horseshoe Lake	Oklahoma	2951	6				
Horseshoe Lake	Oklahoma	2951	7				
Horseshoe Lake	Oklahoma	2951	8				
Horseshoe Lake	Oklahoma	2951	9				
Hugo	Oklahoma	6772	1				
McClain Energy Facility	Oklahoma	55457	CT1				
McClain Energy Facility	Oklahoma	55457	CT2				
Mooreland	Oklahoma	3008	1				
Mooreland	Oklahoma	3008	2				
Mooreland	Oklahoma	3008	3				
Muskogee	Oklahoma	2952	3				
Muskogee	Oklahoma	2952	4				
Muskogee	Oklahoma	2952	5				
Muskogee	Oklahoma	2952	6				
Mustang	Oklahoma	2953	1				
Mustang	Oklahoma	2953	2				
Mustang	Oklahoma	2953	3				
Mustang	Oklahoma	2953	4				
Mustang	Oklahoma	2953	5A				
Mustang	Oklahoma	2953	5B				
Northeastern	Oklahoma	2963	3301A				
Northeastern	Oklahoma	2963	3301B				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Grand River Dam Authority	Oklahoma	165	2				
Green Country Energy, LLC	Oklahoma	55146	CTGEN1				
Green Country Energy, LLC	Oklahoma	55146	CTGEN2				
Green Country Energy, LLC	Oklahoma	55146	CTGEN3				
Horseshoe Lake	Oklahoma	2951	10				
Horseshoe Lake	Oklahoma	2951	6				
Horseshoe Lake	Oklahoma	2951	7				
Horseshoe Lake	Oklahoma	2951	8				
Horseshoe Lake	Oklahoma	2951	9				
Hugo	Oklahoma	6772	1				
McClain Energy Facility	Oklahoma	55457	CT1				
McClain Energy Facility	Oklahoma	55457	CT2				
Mooreland	Oklahoma	3008	1				
Mooreland	Oklahoma	3008	2				
Mooreland	Oklahoma	3008	3				
Muskogee	Oklahoma	2952	3				
Muskogee	Oklahoma	2952	4				
Muskogee	Oklahoma	2952	5				
Muskogee	Oklahoma	2952	6				
Mustang	Oklahoma	2953	1				
Mustang	Oklahoma	2953	2				
Mustang	Oklahoma	2953	3				
Mustang	Oklahoma	2953	4				
Mustang	Oklahoma	2953	5A				
Mustang	Oklahoma	2953	5B				
Northeastern	Oklahoma	2963	3301A				
Northeastern	Oklahoma	2963	3301B				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Grand River Dam Authority	Oklahoma	165	2				
Green Country Energy, LLC	Oklahoma	55146	CTGEN1				
Green Country Energy, LLC	Oklahoma	55146	CTGEN2				
Green Country Energy, LLC	Oklahoma	55146	CTGEN3				
Horseshoe Lake	Oklahoma	2951	10				
Horseshoe Lake	Oklahoma	2951	6				
Horseshoe Lake	Oklahoma	2951	7				
Horseshoe Lake	Oklahoma	2951	8				
Horseshoe Lake	Oklahoma	2951	9				
Hugo	Oklahoma	6772	1				
McClain Energy Facility	Oklahoma	55457	CT1				
McClain Energy Facility	Oklahoma	55457	CT2				
Mooreland	Oklahoma	3008	1				
Mooreland	Oklahoma	3008	2				
Mooreland	Oklahoma	3008	3				
Muskogee	Oklahoma	2952	3				
Muskogee	Oklahoma	2952	4				
Muskogee	Oklahoma	2952	5				
Muskogee	Oklahoma	2952	6				
Mustang	Oklahoma	2953	1				
Mustang	Oklahoma	2953	2				
Mustang	Oklahoma	2953	3				
Mustang	Oklahoma	2953	4				
Mustang	Oklahoma	2953	5A				
Mustang	Oklahoma	2953	5B				
Northeastern	Oklahoma	2963	3301A				
Northeastern	Oklahoma	2963	3301B				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Grand River Dam Authority	Oklahoma	165	2			16,632,370	19,741,401	20,079,629
Green Country Energy, LLC	Oklahoma	55146	CTGEN1			3,947,711	3,839,972	3,618,797
Green Country Energy, LLC	Oklahoma	55146	CTGEN2			3,476,537	3,991,246	2,596,141
Green Country Energy, LLC	Oklahoma	55146	CTGEN3			3,668,682	3,359,371	3,231,099
Horseshoe Lake	Oklahoma	2951	10			106,821	35,272	42,103
Horseshoe Lake	Oklahoma	2951	6			1,769,628	1,892,749	2,446,107
Horseshoe Lake	Oklahoma	2951	7			2,949,909	1,317,251	2,696,739
Horseshoe Lake	Oklahoma	2951	8			4,160,309	5,903,077	1,844,706
Horseshoe Lake	Oklahoma	2951	9			129,266	50,021	37,942
Hugo	Oklahoma	6772	1			13,657,109	17,601,986	15,222,528
McClain Energy Facility	Oklahoma	55457	CT1			4,765,347	4,960,897	4,134,239
McClain Energy Facility	Oklahoma	55457	CT2			4,757,341	4,950,893	4,141,116
Mooreland	Oklahoma	3008	1			96,669	29,629	52,930
Mooreland	Oklahoma	3008	2			1,058,025	1,051,916	1,076,125
Mooreland	Oklahoma	3008	3			1,200,262	415,257	662,234
Muskogee	Oklahoma	2952	3			992,147	2,052,326	1,232,405
Muskogee	Oklahoma	2952	4			17,286,103	9,926,125	15,673,226
Muskogee	Oklahoma	2952	5			16,225,451	16,144,475	17,864,757
Muskogee	Oklahoma	2952	6			13,386,878	14,682,280	16,891,540
Mustang	Oklahoma	2953	1			52,456	78,500	40,494
Mustang	Oklahoma	2953	2			26,874	76,013	37,530
Mustang	Oklahoma	2953	3			661,581	1,283,499	1,866,361
Mustang	Oklahoma	2953	4			3,161,146	3,847,486	3,832,064
Mustang	Oklahoma	2953	5A			26,604	23,673	8,571
Mustang	Oklahoma	2953	5B			26,604	23,673	8,571
Northeastern	Oklahoma	2963	3301A			3,444,220	4,917,054	4,396,976
Northeastern	Oklahoma	2963	3301B			3,216,006	4,703,857	4,921,168

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Grand River Dam Authority	Oklahoma	165	2	20,676,842	19,261,585	20,165,957	354,401,657	0.056901
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	3,838,033	3,685,561	3,875,239	354,401,657	0.010935
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	4,708,924	3,187,596	4,058,902	354,401,657	0.011453
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	4,057,862	3,576,510	3,767,685	354,401,657	0.010631
Horseshoe Lake	Oklahoma	2951	10	65,665	214,777	129,088	354,401,657	0.000364
Horseshoe Lake	Oklahoma	2951	6	2,686,482	3,022,970	2,718,520	354,401,657	0.007671
Horseshoe Lake	Oklahoma	2951	7	4,485,338	4,583,650	4,006,299	354,401,657	0.011304
Horseshoe Lake	Oklahoma	2951	8	2,382,164	5,904,903	5,322,763	354,401,657	0.015019
Horseshoe Lake	Oklahoma	2951	9	82,237	45,133	87,174	354,401,657	0.000246
Hugo	Oklahoma	6772	1	14,611,919	13,078,690	15,812,144	354,401,657	0.044616
McClain Energy Facility	Oklahoma	55457	CT1	5,232,249	4,805,703	4,999,616	354,401,657	0.014107
McClain Energy Facility	Oklahoma	55457	CT2	5,303,875	4,886,540	5,047,102	354,401,657	0.014241
Mooreland	Oklahoma	3008	1	25,151	52,018	67,206	354,401,657	0.000190
Mooreland	Oklahoma	3008	2	1,679,950	1,304,916	1,353,664	354,401,657	0.003820
Mooreland	Oklahoma	3008	3	1,366,821	1,982,371	1,516,484	354,401,657	0.004279
Muskogee	Oklahoma	2952	3			1,425,626	354,401,657	0.004023
Muskogee	Oklahoma	2952	4	15,376,174	13,737,245	16,111,834	354,401,657	0.045462
Muskogee	Oklahoma	2952	5	15,314,870	13,531,963	16,744,894	354,401,657	0.047248
Muskogee	Oklahoma	2952	6	14,302,839	14,295,099	15,292,220	354,401,657	0.043149
Mustang	Oklahoma	2953	1	145,394	648,384	290,759	354,401,657	0.000820
Mustang	Oklahoma	2953	2	148,501	636,546	287,020	354,401,657	0.000810
Mustang	Oklahoma	2953	3	1,211,209	1,700,657	1,616,839	354,401,657	0.004562
Mustang	Oklahoma	2953	4	2,884,014	1,884,097	3,613,565	354,401,657	0.010196
Mustang	Oklahoma	2953	5A	22,825	85,885	45,387	354,401,657	0.000128
Mustang	Oklahoma	2953	5B	22,825	85,885	45,387	354,401,657	0.000128
Northeastern	Oklahoma	2963	3301A	3,934,873	4,240,500	4,518,177	354,401,657	0.012749
Northeastern	Oklahoma	2963	3301B	3,779,502	4,028,063	4,551,029	354,401,657	0.012841

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Grand River Dam Authority	Oklahoma	165	2	35,836	22,240	2,039	1,265	3,200	3,312
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	35,836	22,240	392	243	44	51
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	35,836	22,240	410	255	39	60
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	35,836	22,240	381	236	48	67
Horseshoe Lake	Oklahoma	2951	10	35,836	22,240	13	8	5	5
Horseshoe Lake	Oklahoma	2951	6	35,836	22,240	275	171	269	339
Horseshoe Lake	Oklahoma	2951	7	35,836	22,240	405	251	357	252
Horseshoe Lake	Oklahoma	2951	8	35,836	22,240	538	334	513	375
Horseshoe Lake	Oklahoma	2951	9	35,836	22,240	9	5	1	6
Hugo	Oklahoma	6772	1	35,836	22,240	1,599	992	1,515	1,946
McClain Energy Facility	Oklahoma	55457	CT1	35,836	22,240	506	314	46	63
McClain Energy Facility	Oklahoma	55457	CT2	35,836	22,240	510	317	42	68
Mooreland	Oklahoma	3008	1	35,836	22,240	7	4	5	
Mooreland	Oklahoma	3008	2	35,836	22,240	137	85	91	26
Mooreland	Oklahoma	3008	3	35,836	22,240	153	95	73	7
Muskogee	Oklahoma	2952	3	35,836	22,240	144	89	168	107
Muskogee	Oklahoma	2952	4	35,836	22,240	1,629	1,011	2,032	1,911
Muskogee	Oklahoma	2952	5	35,836	22,240	1,693	1,051	3,087	2,259
Muskogee	Oklahoma	2952	6	35,836	22,240	1,546	960	3,084	2,573
Mustang	Oklahoma	2953	1	35,836	22,240	29	18	5	4
Mustang	Oklahoma	2953	2	35,836	22,240	29	18	5	4
Mustang	Oklahoma	2953	3	35,836	22,240	163	101	162	178
Mustang	Oklahoma	2953	4	35,836	22,240	365	227	692	446
Mustang	Oklahoma	2953	5A	35,836	22,240	5	3		
Mustang	Oklahoma	2953	5B	35,836	22,240	5	3		
Northeastern	Oklahoma	2963	3301A	35,836	22,240	457	284	44	59
Northeastern	Oklahoma	2963	3301B	35,836	22,240	460	286	56	45

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Grand River Dam Authority	Oklahoma	165	2	3,051	3,130	2,933	3,075	3,380	3,235
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	73	65	56	54	54	57
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	66	57	64	38	63	47
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	59	60	52	47	53	49
Horseshoe Lake	Oklahoma	2951	10	7	4	2	2	3	10
Horseshoe Lake	Oklahoma	2951	6	149	230	250	327	377	397
Horseshoe Lake	Oklahoma	2951	7	240	255	141	201	316	301
Horseshoe Lake	Oklahoma	2951	8	345	287	404	94	163	427
Horseshoe Lake	Oklahoma	2951	9	14	4	2	2	4	2
Hugo	Oklahoma	6772	1	1,881	1,617	1,638	1,438	1,351	1,264
McClain Energy Facility	Oklahoma	55457	CT1	62	64	68	58	74	69
McClain Energy Facility	Oklahoma	55457	CT2	61	66	67	61	79	72
Mooreland	Oklahoma	3008	1		17	4	11	4	11
Mooreland	Oklahoma	3008	2	85	103	71	90	128	104
Mooreland	Oklahoma	3008	3	21	89	29	49	94	138
Muskogee	Oklahoma	2952	3	131	137	319	175		
Muskogee	Oklahoma	2952	4	2,702	2,551	1,399	2,117	2,453	2,460
Muskogee	Oklahoma	2952	5	2,432	2,526	2,529	2,728	2,257	2,429
Muskogee	Oklahoma	2952	6	3,062	2,491	2,372	3,057	2,404	2,509
Mustang	Oklahoma	2953	1	4	6	8	4	15	49
Mustang	Oklahoma	2953	2	1	2	6	3	11	38
Mustang	Oklahoma	2953	3	123	83	164	215	142	185
Mustang	Oklahoma	2953	4	550	663	716	619	491	397
Mustang	Oklahoma	2953	5A	5		3			
Mustang	Oklahoma	2953	5B	5		3			
Northeastern	Oklahoma	2963	3301A	101	65	89	74	61	75
Northeastern	Oklahoma	2963	3301B	89	56	77	85	61	72

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Grand River Dam Authority	Oklahoma	165	2	3,380					
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	73					
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	66					
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	67					
Horseshoe Lake	Oklahoma	2951	10	10					
Horseshoe Lake	Oklahoma	2951	6	397					
Horseshoe Lake	Oklahoma	2951	7	357					
Horseshoe Lake	Oklahoma	2951	8	513					
Horseshoe Lake	Oklahoma	2951	9	14					
Hugo	Oklahoma	6772	1	1,946					
McClain Energy Facility	Oklahoma	55457	CT1	74					
McClain Energy Facility	Oklahoma	55457	CT2	79					
Mooreland	Oklahoma	3008	1	17					
Mooreland	Oklahoma	3008	2	128					
Mooreland	Oklahoma	3008	3	138					
Muskogee	Oklahoma	2952	3	319					
Muskogee	Oklahoma	2952	4	2,702					
Muskogee	Oklahoma	2952	5	3,087					
Muskogee	Oklahoma	2952	6	3,084					
Mustang	Oklahoma	2953	1	49					
Mustang	Oklahoma	2953	2	38					
Mustang	Oklahoma	2953	3	215					
Mustang	Oklahoma	2953	4	716					
Mustang	Oklahoma	2953	5A	5					
Mustang	Oklahoma	2953	5B	5					
Northeastern	Oklahoma	2963	3301A	101					
Northeastern	Oklahoma	2963	3301B	89					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Grand River Dam Authority	Oklahoma	165	2				1,585
Green Country Energy, LLC	Oklahoma	55146	CTGEN1				73
Green Country Energy, LLC	Oklahoma	55146	CTGEN2				66
Green Country Energy, LLC	Oklahoma	55146	CTGEN3				67
Horseshoe Lake	Oklahoma	2951	10				10
Horseshoe Lake	Oklahoma	2951	6				214
Horseshoe Lake	Oklahoma	2951	7				315
Horseshoe Lake	Oklahoma	2951	8				418
Horseshoe Lake	Oklahoma	2951	9				7
Hugo	Oklahoma	6772	1				1,243
McClain Energy Facility	Oklahoma	55457	CT1				74
McClain Energy Facility	Oklahoma	55457	CT2				79
Mooreland	Oklahoma	3008	1				5
Mooreland	Oklahoma	3008	2				106
Mooreland	Oklahoma	3008	3				119
Muskogee	Oklahoma	2952	3				112
Muskogee	Oklahoma	2952	4				1,266
Muskogee	Oklahoma	2952	5				1,316
Muskogee	Oklahoma	2952	6				1,202
Mustang	Oklahoma	2953	1				23
Mustang	Oklahoma	2953	2				23
Mustang	Oklahoma	2953	3				127
Mustang	Oklahoma	2953	4				284
Mustang	Oklahoma	2953	5A				4
Mustang	Oklahoma	2953	5B				4
Northeastern	Oklahoma	2963	3301A				101
Northeastern	Oklahoma	2963	3301B				89

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Grand River Dam Authority	Oklahoma	165	2	1,585	1,585	1,585	1,585
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	73	73	73	73
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	66	66	66	66
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	67	67	67	67
Horseshoe Lake	Oklahoma	2951	10	10	10	10	10
Horseshoe Lake	Oklahoma	2951	6	214	214	214	214
Horseshoe Lake	Oklahoma	2951	7	315	315	315	315
Horseshoe Lake	Oklahoma	2951	8	418	418	418	418
Horseshoe Lake	Oklahoma	2951	9	7	7	7	7
Hugo	Oklahoma	6772	1	1,243	1,243	1,243	1,243
McClain Energy Facility	Oklahoma	55457	CT1	74	74	74	74
McClain Energy Facility	Oklahoma	55457	CT2	79	79	79	79
Mooreland	Oklahoma	3008	1	5	5	5	5
Mooreland	Oklahoma	3008	2	106	106	106	106
Mooreland	Oklahoma	3008	3	119	119	119	119
Muskogee	Oklahoma	2952	3	112	112	112	112
Muskogee	Oklahoma	2952	4	1,266	1,266	1,266	1,266
Muskogee	Oklahoma	2952	5	1,316	1,316	1,316	1,316
Muskogee	Oklahoma	2952	6	1,202	1,202	1,202	1,202
Mustang	Oklahoma	2953	1	23	23	23	23
Mustang	Oklahoma	2953	2	23	23	23	23
Mustang	Oklahoma	2953	3	127	127	127	127
Mustang	Oklahoma	2953	4	284	284	284	284
Mustang	Oklahoma	2953	5A	4	4	4	4
Mustang	Oklahoma	2953	5B	4	4	4	4
Northeastern	Oklahoma	2963	3301A	101	101	101	101
Northeastern	Oklahoma	2963	3301B	89	89	89	89

Plant Name	State	ORIS ID	Boiler ID	Data Flags					
				Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Grand River Dam Authority	Oklahoma	165	2				Y		
Green Country Energy, LLC	Oklahoma	55146	CTGEN1				Y		
Green Country Energy, LLC	Oklahoma	55146	CTGEN2				Y		
Green Country Energy, LLC	Oklahoma	55146	CTGEN3				Y		
Horseshoe Lake	Oklahoma	2951	10				Y		
Horseshoe Lake	Oklahoma	2951	6				Y		
Horseshoe Lake	Oklahoma	2951	7				Y		
Horseshoe Lake	Oklahoma	2951	8				Y		
Horseshoe Lake	Oklahoma	2951	9				Y		
Hugo	Oklahoma	6772	1				Y		
McClain Energy Facility	Oklahoma	55457	CT1				Y		
McClain Energy Facility	Oklahoma	55457	CT2				Y		
Mooreland	Oklahoma	3008	1				Y		
Mooreland	Oklahoma	3008	2				Y		
Mooreland	Oklahoma	3008	3				Y		
Muskogee	Oklahoma	2952	3				Y		
Muskogee	Oklahoma	2952	4				Y		
Muskogee	Oklahoma	2952	5				Y		
Muskogee	Oklahoma	2952	6				Y		
Mustang	Oklahoma	2953	1				Y		
Mustang	Oklahoma	2953	2				Y		
Mustang	Oklahoma	2953	3				Y		
Mustang	Oklahoma	2953	4				Y		
Mustang	Oklahoma	2953	5A				Y	Y	
Mustang	Oklahoma	2953	5B				Y	Y	
Northeastern	Oklahoma	2963	3301A				Y		
Northeastern	Oklahoma	2963	3301B				Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Northeastern	Oklahoma	2963	3302	2018	10,060,588	4,428,713	10,469,373	7,387,196	13,372,566
Northeastern	Oklahoma	2963	3313	2019	37,312,891	36,641,750	30,855,297	34,450,938	32,777,982
Northeastern	Oklahoma	2963	3314	2020	36,213,186	30,816,516	35,860,913	33,456,173	28,403,011
Oneta Energy Center	Oklahoma	55225	CTG-1	4187	2,075,544	3,926,336	4,386,524	5,715,832	6,035,239
Oneta Energy Center	Oklahoma	55225	CTG-2	4188	2,182,981	3,661,680	3,655,475	5,642,701	6,288,869
Oneta Energy Center	Oklahoma	55225	CTG-3	4189	2,434,467	4,246,754	4,560,338	5,825,610	3,886,940
Oneta Energy Center	Oklahoma	55225	CTG-4	4190	2,569,923	3,139,385	4,571,601	6,282,402	4,761,636
Ponca	Oklahoma	762	2	565	21,027	3,734	6,210	1,446	1,933
Ponca	Oklahoma	762	3	566	679,575	505,091	448,081	156,554	274,539
Ponca	Oklahoma	762	4	89334	243,960	255,833	80,743	47,319	95,157
PowerSmith Cogeneration Project	Oklahoma	50558	GT01		3,892,491	4,342,864	3,569,007	2,599,622	
Redbud Power Plant	Oklahoma	55463	CT-01	4817	6,925,601	5,260,112	6,456,384	6,885,910	8,694,112
Redbud Power Plant	Oklahoma	55463	CT-02	4818	6,095,476	5,626,874	6,161,346	9,051,029	11,478,520
Redbud Power Plant	Oklahoma	55463	CT-03	4819	5,818,405	5,589,983	6,493,364	8,464,766	9,973,500
Redbud Power Plant	Oklahoma	55463	CT-04	4820	6,822,149	5,951,588	5,968,823	9,177,374	11,157,906
Riverside (4940)	Oklahoma	4940	1501	2660	11,052,221	8,044,149	6,957,971	12,198,078	9,783,143
Riverside (4940)	Oklahoma	4940	1502	2661	13,305,469	14,557,185	13,501,681	9,406,494	11,616,724
Riverside (4940)	Oklahoma	4940	1503	1871	14,245		434,434	121,117	347,900
Riverside (4940)	Oklahoma	4940	1504	1872	12,049		291,060	101,131	266,214
Seminole (2956)	Oklahoma	2956	1	2012	10,083,429	13,226,863	10,607,553	12,633,136	9,434,328
Seminole (2956)	Oklahoma	2956	2	2013	12,107,540	12,829,011	13,889,826	11,911,103	10,407,955
Seminole (2956)	Oklahoma	2956	3	2014	13,528,703	15,296,658	14,120,548	9,235,622	12,947,562
Sooner	Oklahoma	6095	1	2773	31,074,599	38,813,086	40,568,098	31,970,019	36,678,372
Sooner	Oklahoma	6095	2	2774	32,427,800	29,783,275	36,691,250	34,170,956	24,528,935
Southwestern	Oklahoma	2964	8002	2021	352,511	167,766	125,484	409,973	711,721
Southwestern	Oklahoma	2964	8003	2022	7,096,323	7,200,273	8,584,084	8,053,417	8,512,005
Southwestern	Oklahoma	2964	8004	1873	8,285		447,370	205,057	349,350

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Northeastern	Oklahoma	2963	3302	11,300,842	731,075,847	0.015458		
Northeastern	Oklahoma	2963	3313	36,135,193	731,075,847	0.049427		
Northeastern	Oklahoma	2963	3314	35,176,757	731,075,847	0.048116		
Oneta Energy Center	Oklahoma	55225	CTG-1	5,379,198	731,075,847	0.007358		
Oneta Energy Center	Oklahoma	55225	CTG-2	5,197,750	731,075,847	0.007110		
Oneta Energy Center	Oklahoma	55225	CTG-3	4,877,567	731,075,847	0.006672		
Oneta Energy Center	Oklahoma	55225	CTG-4	5,205,213	731,075,847	0.007120		
Ponca	Oklahoma	762	2	10,323	731,075,847	0.000014		
Ponca	Oklahoma	762	3	544,249	731,075,847	0.000744		
Ponca	Oklahoma	762	4	198,317	731,075,847	0.000271		
PowerSmith Cogeneration Project	Oklahoma	50558	GT01	3,934,787	731,075,847	0.005382		
Redbud Power Plant	Oklahoma	55463	CT-01	7,501,875	731,075,847	0.010261		
Redbud Power Plant	Oklahoma	55463	CT-02	8,896,965	731,075,847	0.012170		
Redbud Power Plant	Oklahoma	55463	CT-03	8,310,543	731,075,847	0.011368		
Redbud Power Plant	Oklahoma	55463	CT-04	9,052,476	731,075,847	0.012382		
Riverside (4940)	Oklahoma	4940	1501	11,011,147	731,075,847	0.015062		
Riverside (4940)	Oklahoma	4940	1502	13,788,112	731,075,847	0.018860		
Riverside (4940)	Oklahoma	4940	1503	301,150	731,075,847	0.000412		
Riverside (4940)	Oklahoma	4940	1504	219,468	731,075,847	0.000300		
Seminole (2956)	Oklahoma	2956	1	12,155,851	731,075,847	0.016627		
Seminole (2956)	Oklahoma	2956	2	12,942,126	731,075,847	0.017703		
Seminole (2956)	Oklahoma	2956	3	14,315,303	731,075,847	0.019581		
Sooner	Oklahoma	6095	1	38,686,519	731,075,847	0.052917		
Sooner	Oklahoma	6095	2	34,430,002	731,075,847	0.047095		
Southwestern	Oklahoma	2964	8002	491,402	731,075,847	0.000672		
Southwestern	Oklahoma	2964	8003	8,383,169	731,075,847	0.011467		
Southwestern	Oklahoma	2964	8004	333,926	731,075,847	0.000457		

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Northeastern	Oklahoma	2963	3302						
Northeastern	Oklahoma	2963	3313						
Northeastern	Oklahoma	2963	3314						
Oneta Energy Center	Oklahoma	55225	CTG-1						
Oneta Energy Center	Oklahoma	55225	CTG-2						
Oneta Energy Center	Oklahoma	55225	CTG-3						
Oneta Energy Center	Oklahoma	55225	CTG-4						
Ponca	Oklahoma	762	2						
Ponca	Oklahoma	762	3						
Ponca	Oklahoma	762	4						
PowerSmith Cogeneration Project	Oklahoma	50558	GT01						
Redbud Power Plant	Oklahoma	55463	CT-01						
Redbud Power Plant	Oklahoma	55463	CT-02						
Redbud Power Plant	Oklahoma	55463	CT-03						
Redbud Power Plant	Oklahoma	55463	CT-04						
Riverside (4940)	Oklahoma	4940	1501						
Riverside (4940)	Oklahoma	4940	1502						
Riverside (4940)	Oklahoma	4940	1503						
Riverside (4940)	Oklahoma	4940	1504						
Seminole (2956)	Oklahoma	2956	1						
Seminole (2956)	Oklahoma	2956	2						
Seminole (2956)	Oklahoma	2956	3						
Sooner	Oklahoma	6095	1						
Sooner	Oklahoma	6095	2						
Southwestern	Oklahoma	2964	8002						
Southwestern	Oklahoma	2964	8003						
Southwestern	Oklahoma	2964	8004						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Northeastern	Oklahoma	2963	3302	3	1	3	3	1
Northeastern	Oklahoma	2963	3313	17,185	13,942	16,725	17,606	16,549
Northeastern	Oklahoma	2963	3314	16,828	15,889	14,145	17,031	13,804
Oneta Energy Center	Oklahoma	55225	CTG-1	0	0	0	1	1
Oneta Energy Center	Oklahoma	55225	CTG-2	0	0	0	1	1
Oneta Energy Center	Oklahoma	55225	CTG-3	0	1	0	1	1
Oneta Energy Center	Oklahoma	55225	CTG-4	1	1	0	1	1
Ponca	Oklahoma	762	2	0	0	0	0	0
Ponca	Oklahoma	762	3	0	0	0	0	0
Ponca	Oklahoma	762	4	0	0	0	0	0
PowerSmith Cogeneration Project	Oklahoma	50558	GT01		1	9		7
Redbud Power Plant	Oklahoma	55463	CT-01	0	0	1	2	2
Redbud Power Plant	Oklahoma	55463	CT-02	0	0	1	2	2
Redbud Power Plant	Oklahoma	55463	CT-03	0	1	1	2	2
Redbud Power Plant	Oklahoma	55463	CT-04	0	0	1	2	2
Riverside (4940)	Oklahoma	4940	1501	3	1	2	3	2
Riverside (4940)	Oklahoma	4940	1502	3	4	4	4	10
Riverside (4940)	Oklahoma	4940	1503	0	0	0	0	
Riverside (4940)	Oklahoma	4940	1504	0	0	0	0	
Seminole (2956)	Oklahoma	2956	1	4	4	3	3	4
Seminole (2956)	Oklahoma	2956	2	4	4	3	4	4
Seminole (2956)	Oklahoma	2956	3	100	4	4	5	854
Sooner	Oklahoma	6095	1	10,026	10,189	10,160	7,833	9,893
Sooner	Oklahoma	6095	2	9,674	8,573	8,391	8,746	7,929
Southwestern	Oklahoma	2964	8002	0	0	0	0	0
Southwestern	Oklahoma	2964	8003	12	2	2	2	2
Southwestern	Oklahoma	2964	8004	0	0	0	0	

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Northeastern	Oklahoma	2963	3302	3	2	4	4		
Northeastern	Oklahoma	2963	3313	11,457	11,992	9,802	17,606		
Northeastern	Oklahoma	2963	3314	13,429	11,637	8,750	17,031		
Oneta Energy Center	Oklahoma	55225	CTG-1	1	2	2	2		
Oneta Energy Center	Oklahoma	55225	CTG-2	1	2	2	2		
Oneta Energy Center	Oklahoma	55225	CTG-3	1	2	1	2		
Oneta Energy Center	Oklahoma	55225	CTG-4	1	2	1	2		
Ponca	Oklahoma	762	2	0		0	0		
Ponca	Oklahoma	762	3	0	0	0	0		
Ponca	Oklahoma	762	4	0	0	0	0		
PowerSmith Cogeneration Project	Oklahoma	50558	GT01				9		
Redbud Power Plant	Oklahoma	55463	CT-01	2	2	3	3		
Redbud Power Plant	Oklahoma	55463	CT-02	2	3	3	3		
Redbud Power Plant	Oklahoma	55463	CT-03	2	3	3	3		
Redbud Power Plant	Oklahoma	55463	CT-04	2	3	3	3		
Riverside (4940)	Oklahoma	4940	1501	6	4	3	6		
Riverside (4940)	Oklahoma	4940	1502	4	3	3	10		
Riverside (4940)	Oklahoma	4940	1503	0	0	0	0		
Riverside (4940)	Oklahoma	4940	1504	0	0	0	0		
Seminole (2956)	Oklahoma	2956	1	3	4	3	4		
Seminole (2956)	Oklahoma	2956	2	4	4	3	4		
Seminole (2956)	Oklahoma	2956	3	4	3	4	854		
Sooner	Oklahoma	6095	1	10,484	8,810	10,199	10,484		
Sooner	Oklahoma	6095	2	9,779	9,535	6,726	9,779		
Southwestern	Oklahoma	2964	8002	0	0	0	0		
Southwestern	Oklahoma	2964	8003	3	2	3	12		
Southwestern	Oklahoma	2964	8004	0	0	0	0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Northeastern	Oklahoma	2963	3302					1,921	474
Northeastern	Oklahoma	2963	3313					7,415	6,006
Northeastern	Oklahoma	2963	3314					7,263	7,048
Oneta Energy Center	Oklahoma	55225	CTG-1					18	13
Oneta Energy Center	Oklahoma	55225	CTG-2					12	19
Oneta Energy Center	Oklahoma	55225	CTG-3					237	33
Oneta Energy Center	Oklahoma	55225	CTG-4					246	36
Ponca	Oklahoma	762	2					1	0
Ponca	Oklahoma	762	3					14	22
Ponca	Oklahoma	762	4					5	8
PowerSmith Cogeneration Project	Oklahoma	50558	GT01						33
Redbud Power Plant	Oklahoma	55463	CT-01					0	5
Redbud Power Plant	Oklahoma	55463	CT-02					9	10
Redbud Power Plant	Oklahoma	55463	CT-03					5	17
Redbud Power Plant	Oklahoma	55463	CT-04					3	10
Riverside (4940)	Oklahoma	4940	1501					938	319
Riverside (4940)	Oklahoma	4940	1502					1,229	1,844
Riverside (4940)	Oklahoma	4940	1503					1	1
Riverside (4940)	Oklahoma	4940	1504					1	0
Seminole (2956)	Oklahoma	2956	1					1,168	1,133
Seminole (2956)	Oklahoma	2956	2					1,430	1,865
Seminole (2956)	Oklahoma	2956	3					1,217	1,372
Sooner	Oklahoma	6095	1					6,861	7,632
Sooner	Oklahoma	6095	2					5,725	5,754
Southwestern	Oklahoma	2964	8002					48	30
Southwestern	Oklahoma	2964	8003					2,656	1,775
Southwestern	Oklahoma	2964	8004					1	0

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Northeastern	Oklahoma	2963	3302	3,175	2,548	909	2,137	1,463
Northeastern	Oklahoma	2963	3313	7,173	7,777	6,552	5,769	6,587
Northeastern	Oklahoma	2963	3314	6,213	7,697	5,818	7,035	6,595
Oneta Energy Center	Oklahoma	55225	CTG-1	21	32	60	74	92
Oneta Energy Center	Oklahoma	55225	CTG-2	24	30	55	60	93
Oneta Energy Center	Oklahoma	55225	CTG-3	61	38	63	76	100
Oneta Energy Center	Oklahoma	55225	CTG-4	24	35	44	77	114
Ponca	Oklahoma	762	2	0	2	0	1	0
Ponca	Oklahoma	762	3	25	29	21	17	7
Ponca	Oklahoma	762	4	12	10	11	3	2
PowerSmith Cogeneration Project	Oklahoma	50558	GT01	716		335		
Redbud Power Plant	Oklahoma	55463	CT-01	17	52	42	48	46
Redbud Power Plant	Oklahoma	55463	CT-02	37	45	41	45	65
Redbud Power Plant	Oklahoma	55463	CT-03	34	43	39	45	60
Redbud Power Plant	Oklahoma	55463	CT-04	27	47	42	42	58
Riverside (4940)	Oklahoma	4940	1501	1,208	1,601	1,371	856	1,617
Riverside (4940)	Oklahoma	4940	1502	1,926	1,820	1,744	1,547	1,064
Riverside (4940)	Oklahoma	4940	1503	0	0		48	2
Riverside (4940)	Oklahoma	4940	1504	1	0		26	2
Seminole (2956)	Oklahoma	2956	1	985	960	1,295	1,071	1,226
Seminole (2956)	Oklahoma	2956	2	1,468	1,548	1,720	1,932	1,441
Seminole (2956)	Oklahoma	2956	3	1,483	1,405	1,647	1,676	948
Sooner	Oklahoma	6095	1	8,432	5,735	6,678	6,615	5,107
Sooner	Oklahoma	6095	2	5,601	5,711	5,414	6,106	5,363
Southwestern	Oklahoma	2964	8002	58	50	20	12	67
Southwestern	Oklahoma	2964	8003	2,273	2,218	2,050	2,145	1,758
Southwestern	Oklahoma	2964	8004	0	0		33	3

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Northeastern	Oklahoma	2963	3302	2,973	3,175				
Northeastern	Oklahoma	2963	3313	6,055	7,777				
Northeastern	Oklahoma	2963	3314	5,489	7,697				
Oneta Energy Center	Oklahoma	55225	CTG-1	113	113				
Oneta Energy Center	Oklahoma	55225	CTG-2	112	112				
Oneta Energy Center	Oklahoma	55225	CTG-3	72	237				
Oneta Energy Center	Oklahoma	55225	CTG-4	88	246				
Ponca	Oklahoma	762	2	0	2				
Ponca	Oklahoma	762	3	12	29				
Ponca	Oklahoma	762	4	5	12				
PowerSmith Cogeneration Project	Oklahoma	50558	GT01		716				
Redbud Power Plant	Oklahoma	55463	CT-01	46	52				
Redbud Power Plant	Oklahoma	55463	CT-02	65	65				
Redbud Power Plant	Oklahoma	55463	CT-03	58	60				
Redbud Power Plant	Oklahoma	55463	CT-04	59	59				
Riverside (4940)	Oklahoma	4940	1501	1,240	1,617				
Riverside (4940)	Oklahoma	4940	1502	1,438	1,926				
Riverside (4940)	Oklahoma	4940	1503	5	48				
Riverside (4940)	Oklahoma	4940	1504	4	26				
Seminole (2956)	Oklahoma	2956	1	746	1,295				
Seminole (2956)	Oklahoma	2956	2	980	1,932				
Seminole (2956)	Oklahoma	2956	3	1,030	1,676				
Sooner	Oklahoma	6095	1	5,721	8,432				
Sooner	Oklahoma	6095	2	3,911	6,106				
Southwestern	Oklahoma	2964	8002	104	104				
Southwestern	Oklahoma	2964	8003	1,870	2,656				
Southwestern	Oklahoma	2964	8004	5	33				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Northeastern	Oklahoma	2963	3302				
Northeastern	Oklahoma	2963	3313				
Northeastern	Oklahoma	2963	3314				
Oneta Energy Center	Oklahoma	55225	CTG-1				
Oneta Energy Center	Oklahoma	55225	CTG-2				
Oneta Energy Center	Oklahoma	55225	CTG-3				
Oneta Energy Center	Oklahoma	55225	CTG-4				
Ponca	Oklahoma	762	2				
Ponca	Oklahoma	762	3				
Ponca	Oklahoma	762	4				
PowerSmith Cogeneration Project	Oklahoma	50558	GT01				
Redbud Power Plant	Oklahoma	55463	CT-01				
Redbud Power Plant	Oklahoma	55463	CT-02				
Redbud Power Plant	Oklahoma	55463	CT-03				
Redbud Power Plant	Oklahoma	55463	CT-04				
Riverside (4940)	Oklahoma	4940	1501				
Riverside (4940)	Oklahoma	4940	1502				
Riverside (4940)	Oklahoma	4940	1503				
Riverside (4940)	Oklahoma	4940	1504				
Seminole (2956)	Oklahoma	2956	1				
Seminole (2956)	Oklahoma	2956	2				
Seminole (2956)	Oklahoma	2956	3				
Sooner	Oklahoma	6095	1				
Sooner	Oklahoma	6095	2				
Southwestern	Oklahoma	2964	8002				
Southwestern	Oklahoma	2964	8003				
Southwestern	Oklahoma	2964	8004				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Northeastern	Oklahoma	2963	3302				
Northeastern	Oklahoma	2963	3313				
Northeastern	Oklahoma	2963	3314				
Oneta Energy Center	Oklahoma	55225	CTG-1				
Oneta Energy Center	Oklahoma	55225	CTG-2				
Oneta Energy Center	Oklahoma	55225	CTG-3				
Oneta Energy Center	Oklahoma	55225	CTG-4				
Ponca	Oklahoma	762	2				
Ponca	Oklahoma	762	3				
Ponca	Oklahoma	762	4				
PowerSmith Cogeneration Project	Oklahoma	50558	GT01				
Redbud Power Plant	Oklahoma	55463	CT-01				
Redbud Power Plant	Oklahoma	55463	CT-02				
Redbud Power Plant	Oklahoma	55463	CT-03				
Redbud Power Plant	Oklahoma	55463	CT-04				
Riverside (4940)	Oklahoma	4940	1501				
Riverside (4940)	Oklahoma	4940	1502				
Riverside (4940)	Oklahoma	4940	1503				
Riverside (4940)	Oklahoma	4940	1504				
Seminole (2956)	Oklahoma	2956	1				
Seminole (2956)	Oklahoma	2956	2				
Seminole (2956)	Oklahoma	2956	3				
Sooner	Oklahoma	6095	1				
Sooner	Oklahoma	6095	2				
Southwestern	Oklahoma	2964	8002				
Southwestern	Oklahoma	2964	8003				
Southwestern	Oklahoma	2964	8004				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Northeastern	Oklahoma	2963	3302				
Northeastern	Oklahoma	2963	3313				
Northeastern	Oklahoma	2963	3314				
Oneta Energy Center	Oklahoma	55225	CTG-1				
Oneta Energy Center	Oklahoma	55225	CTG-2				
Oneta Energy Center	Oklahoma	55225	CTG-3				
Oneta Energy Center	Oklahoma	55225	CTG-4				
Ponca	Oklahoma	762	2				
Ponca	Oklahoma	762	3				
Ponca	Oklahoma	762	4				
PowerSmith Cogeneration Project	Oklahoma	50558	GT01				
Redbud Power Plant	Oklahoma	55463	CT-01				
Redbud Power Plant	Oklahoma	55463	CT-02				
Redbud Power Plant	Oklahoma	55463	CT-03				
Redbud Power Plant	Oklahoma	55463	CT-04				
Riverside (4940)	Oklahoma	4940	1501				
Riverside (4940)	Oklahoma	4940	1502				
Riverside (4940)	Oklahoma	4940	1503				
Riverside (4940)	Oklahoma	4940	1504				
Seminole (2956)	Oklahoma	2956	1				
Seminole (2956)	Oklahoma	2956	2				
Seminole (2956)	Oklahoma	2956	3				
Sooner	Oklahoma	6095	1				
Sooner	Oklahoma	6095	2				
Southwestern	Oklahoma	2964	8002				
Southwestern	Oklahoma	2964	8003				
Southwestern	Oklahoma	2964	8004				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Northeastern	Oklahoma	2963	3302			9,108,024	3,785,709	7,244,187
Northeastern	Oklahoma	2963	3313			15,112,778	15,670,094	13,081,465
Northeastern	Oklahoma	2963	3314			16,116,210	11,617,590	15,646,225
Oneta Energy Center	Oklahoma	55225	CTG-1			1,665,163	2,798,087	2,296,003
Oneta Energy Center	Oklahoma	55225	CTG-2			1,822,923	2,781,798	1,961,661
Oneta Energy Center	Oklahoma	55225	CTG-3			1,956,841	3,557,953	1,975,800
Oneta Energy Center	Oklahoma	55225	CTG-4			1,990,765	2,814,598	1,987,611
Ponca	Oklahoma	762	2			21,027	3,734	4,979
Ponca	Oklahoma	762	3			601,867	456,107	442,892
Ponca	Oklahoma	762	4			229,483	236,671	68,147
PowerSmith Cogeneration Project	Oklahoma	50558	GT01			1,792,575	2,229,785	1,487,010
Redbud Power Plant	Oklahoma	55463	CT-01			4,244,177	3,330,193	3,442,123
Redbud Power Plant	Oklahoma	55463	CT-02			3,647,595	3,135,815	3,185,071
Redbud Power Plant	Oklahoma	55463	CT-03			3,464,467	2,869,937	3,234,994
Redbud Power Plant	Oklahoma	55463	CT-04			3,737,173	3,061,596	3,202,831
Riverside (4940)	Oklahoma	4940	1501			7,449,952	5,498,342	4,998,952
Riverside (4940)	Oklahoma	4940	1502			6,062,909	5,770,436	6,357,354
Riverside (4940)	Oklahoma	4940	1503			14,245		340,648
Riverside (4940)	Oklahoma	4940	1504			12,049		233,926
Seminole (2956)	Oklahoma	2956	1			4,798,232	6,007,049	5,611,617
Seminole (2956)	Oklahoma	2956	2			5,879,787	6,576,213	5,345,671
Seminole (2956)	Oklahoma	2956	3			7,082,528	5,712,747	5,930,133
Sooner	Oklahoma	6095	1			16,879,090	18,687,158	16,769,782
Sooner	Oklahoma	6095	2			16,978,874	10,017,294	16,925,288
Southwestern	Oklahoma	2964	8002			170,266	105,138	79,227
Southwestern	Oklahoma	2964	8003			3,812,455	3,405,724	4,519,624
Southwestern	Oklahoma	2964	8004			8,285		295,372

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Northeastern	Oklahoma	2963	3302	4,515,534	8,298,493	8,216,901	354,401,657	0.023185
Northeastern	Oklahoma	2963	3313	15,890,988	15,047,232	15,557,953	354,401,657	0.043899
Northeastern	Oklahoma	2963	3314	15,332,503	13,057,443	15,698,313	354,401,657	0.044295
Oneta Energy Center	Oklahoma	55225	CTG-1	3,130,006	3,461,220	3,129,771	354,401,657	0.008831
Oneta Energy Center	Oklahoma	55225	CTG-2	3,045,088	3,477,826	3,101,571	354,401,657	0.008752
Oneta Energy Center	Oklahoma	55225	CTG-3	3,011,809	2,942,759	3,170,840	354,401,657	0.008947
Oneta Energy Center	Oklahoma	55225	CTG-4	3,265,137	3,696,782	3,258,839	354,401,657	0.009195
Ponca	Oklahoma	762	2	1,446	1,895	9,913	354,401,657	0.000028
Ponca	Oklahoma	762	3	154,540	271,357	500,289	354,401,657	0.001412
Ponca	Oklahoma	762	4	47,036	94,697	186,950	354,401,657	0.000528
PowerSmith Cogeneration Project	Oklahoma	50558	GT01	1,201,970		1,836,457	354,401,657	0.005182
Redbud Power Plant	Oklahoma	55463	CT-01	4,093,104	5,207,216	4,514,832	354,401,657	0.012739
Redbud Power Plant	Oklahoma	55463	CT-02	4,542,011	3,858,407	4,016,005	354,401,657	0.011332
Redbud Power Plant	Oklahoma	55463	CT-03	3,487,501	4,049,228	3,667,065	354,401,657	0.010347
Redbud Power Plant	Oklahoma	55463	CT-04	4,110,560	5,697,812	4,515,182	354,401,657	0.012740
Riverside (4940)	Oklahoma	4940	1501	6,058,773	4,263,138	6,335,689	354,401,657	0.017877
Riverside (4940)	Oklahoma	4940	1502	5,530,506	6,559,178	6,326,481	354,401,657	0.017851
Riverside (4940)	Oklahoma	4940	1503	67,391	230,586	212,875	354,401,657	0.000601
Riverside (4940)	Oklahoma	4940	1504	44,162	169,837	149,309	354,401,657	0.000421
Seminole (2956)	Oklahoma	2956	1	6,873,578	6,440,516	6,440,381	354,401,657	0.018173
Seminole (2956)	Oklahoma	2956	2	7,440,006	5,366,529	6,632,002	354,401,657	0.018713
Seminole (2956)	Oklahoma	2956	3	3,797,882	6,775,262	6,595,974	354,401,657	0.018612
Sooner	Oklahoma	6095	1	13,951,874	15,250,468	17,445,343	354,401,657	0.049225
Sooner	Oklahoma	6095	2	13,416,497	13,875,373	15,926,511	354,401,657	0.044939
Southwestern	Oklahoma	2964	8002	174,593	457,715	267,525	354,401,657	0.000755
Southwestern	Oklahoma	2964	8003	4,231,419	4,603,800	4,451,614	354,401,657	0.012561
Southwestern	Oklahoma	2964	8004	140,660	245,829	227,287	354,401,657	0.000641

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Northeastern	Oklahoma	2963	3302	35,836	22,240	831	516	1,747	474
Northeastern	Oklahoma	2963	3313	35,836	22,240	1,573	976	2,825	2,468
Northeastern	Oklahoma	2963	3314	35,836	22,240	1,587	985	2,941	3,022
Oneta Energy Center	Oklahoma	55225	CTG-1	35,836	22,240	316	196	15	6
Oneta Energy Center	Oklahoma	55225	CTG-2	35,836	22,240	314	195	10	14
Oneta Energy Center	Oklahoma	55225	CTG-3	35,836	22,240	321	199	237	25
Oneta Energy Center	Oklahoma	55225	CTG-4	35,836	22,240	330	205	245	27
Ponca	Oklahoma	762	2	35,836	22,240	1	1	1	0
Ponca	Oklahoma	762	3	35,836	22,240	51	31	14	20
Ponca	Oklahoma	762	4	35,836	22,240	19	12	5	8
PowerSmith Cogeneration Project	Oklahoma	50558	GT01	35,836	22,240	186	115		18
Redbud Power Plant	Oklahoma	55463	CT-01	35,836	22,240	457	283	0	5
Redbud Power Plant	Oklahoma	55463	CT-02	35,836	22,240	406	252	9	9
Redbud Power Plant	Oklahoma	55463	CT-03	35,836	22,240	371	230	5	16
Redbud Power Plant	Oklahoma	55463	CT-04	35,836	22,240	457	283	3	9
Riverside (4940)	Oklahoma	4940	1501	35,836	22,240	641	398	539	195
Riverside (4940)	Oklahoma	4940	1502	35,836	22,240	640	397	684	912
Riverside (4940)	Oklahoma	4940	1503	35,836	22,240	22	13	0	1
Riverside (4940)	Oklahoma	4940	1504	35,836	22,240	15	9	0	0
Seminole (2956)	Oklahoma	2956	1	35,836	22,240	651	404	530	542
Seminole (2956)	Oklahoma	2956	2	35,836	22,240	671	416	627	865
Seminole (2956)	Oklahoma	2956	3	35,836	22,240	667	414	664	783
Sooner	Oklahoma	6095	1	35,836	22,240	1,764	1,095	2,921	3,000
Sooner	Oklahoma	6095	2	35,836	22,240	1,610	999	2,311	2,955
Southwestern	Oklahoma	2964	8002	35,836	22,240	27	17	18	9
Southwestern	Oklahoma	2964	8003	35,836	22,240	450	279	1,508	861
Southwestern	Oklahoma	2964	8004	35,836	22,240	23	14	0	0

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Northeastern	Oklahoma	2963	3302	2,334	2,339	791	1,459	906	1,772
Northeastern	Oklahoma	2963	3313	2,514	3,027	2,622	2,390	3,026	2,780
Northeastern	Oklahoma	2963	3314	2,559	3,305	1,986	2,991	2,933	2,492
Oneta Energy Center	Oklahoma	55225	CTG-1	18	25	41	38	46	63
Oneta Energy Center	Oklahoma	55225	CTG-2	20	24	41	33	49	64
Oneta Energy Center	Oklahoma	55225	CTG-3	14	30	52	35	55	53
Oneta Energy Center	Oklahoma	55225	CTG-4	19	26	38	34	62	67
Ponca	Oklahoma	762	2	0	2	0	0	0	0
Ponca	Oklahoma	762	3	22	25	19	17	6	12
Ponca	Oklahoma	762	4	12	10	10	3	2	5
PowerSmith Cogeneration Project	Oklahoma	50558	GT01	370		172			
Redbud Power Plant	Oklahoma	55463	CT-01	17	33	26	25	28	27
Redbud Power Plant	Oklahoma	55463	CT-02	26	27	23	22	32	23
Redbud Power Plant	Oklahoma	55463	CT-03	20	25	21	21	26	25
Redbud Power Plant	Oklahoma	55463	CT-04	24	25	21	22	27	29
Riverside (4940)	Oklahoma	4940	1501	1,082	1,055	944	597	772	493
Riverside (4940)	Oklahoma	4940	1502	927	817	651	705	594	775
Riverside (4940)	Oklahoma	4940	1503	0	0		38	1	4
Riverside (4940)	Oklahoma	4940	1504	0	0		17	1	3
Seminole (2956)	Oklahoma	2956	1	473	465	546	533	660	512
Seminole (2956)	Oklahoma	2956	2	748	698	855	689	909	507
Seminole (2956)	Oklahoma	2956	3	748	658	571	659	339	518
Sooner	Oklahoma	6095	1	3,376	3,193	3,263	2,612	2,226	2,407
Sooner	Oklahoma	6095	2	2,350	2,799	1,596	2,869	2,120	2,190
Southwestern	Oklahoma	2964	8002	32	28	11	7	27	62
Southwestern	Oklahoma	2964	8003	1,411	1,139	928	1,318	1,000	1,154
Southwestern	Oklahoma	2964	8004		0		4	2	4

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Northeastern	Oklahoma	2963	3302	2,339					
Northeastern	Oklahoma	2963	3313	3,027					
Northeastern	Oklahoma	2963	3314	3,305					
Oneta Energy Center	Oklahoma	55225	CTG-1	63					
Oneta Energy Center	Oklahoma	55225	CTG-2	64					
Oneta Energy Center	Oklahoma	55225	CTG-3	237					
Oneta Energy Center	Oklahoma	55225	CTG-4	245					
Ponca	Oklahoma	762	2	2					
Ponca	Oklahoma	762	3	25					
Ponca	Oklahoma	762	4	12					
PowerSmith Cogeneration Project	Oklahoma	50558	GT01	370					
Redbud Power Plant	Oklahoma	55463	CT-01	33					
Redbud Power Plant	Oklahoma	55463	CT-02	32					
Redbud Power Plant	Oklahoma	55463	CT-03	26					
Redbud Power Plant	Oklahoma	55463	CT-04	29					
Riverside (4940)	Oklahoma	4940	1501	1,082					
Riverside (4940)	Oklahoma	4940	1502	927					
Riverside (4940)	Oklahoma	4940	1503	38					
Riverside (4940)	Oklahoma	4940	1504	17					
Seminole (2956)	Oklahoma	2956	1	660					
Seminole (2956)	Oklahoma	2956	2	909					
Seminole (2956)	Oklahoma	2956	3	783					
Sooner	Oklahoma	6095	1	3,376					
Sooner	Oklahoma	6095	2	2,955					
Southwestern	Oklahoma	2964	8002	62					
Southwestern	Oklahoma	2964	8003	1,508					
Southwestern	Oklahoma	2964	8004	4					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Northeastern	Oklahoma	2963	3302				646
Northeastern	Oklahoma	2963	3313				1,223
Northeastern	Oklahoma	2963	3314				1,234
Oneta Energy Center	Oklahoma	55225	CTG-1				63
Oneta Energy Center	Oklahoma	55225	CTG-2				64
Oneta Energy Center	Oklahoma	55225	CTG-3				237
Oneta Energy Center	Oklahoma	55225	CTG-4				245
Ponca	Oklahoma	762	2				1
Ponca	Oklahoma	762	3				25
Ponca	Oklahoma	762	4				12
PowerSmith Cogeneration Project	Oklahoma	50558	GT01				144
Redbud Power Plant	Oklahoma	55463	CT-01				33
Redbud Power Plant	Oklahoma	55463	CT-02				32
Redbud Power Plant	Oklahoma	55463	CT-03				26
Redbud Power Plant	Oklahoma	55463	CT-04				29
Riverside (4940)	Oklahoma	4940	1501				498
Riverside (4940)	Oklahoma	4940	1502				497
Riverside (4940)	Oklahoma	4940	1503				17
Riverside (4940)	Oklahoma	4940	1504				12
Seminole (2956)	Oklahoma	2956	1				506
Seminole (2956)	Oklahoma	2956	2				521
Seminole (2956)	Oklahoma	2956	3				518
Sooner	Oklahoma	6095	1				1,371
Sooner	Oklahoma	6095	2				1,252
Southwestern	Oklahoma	2964	8002				21
Southwestern	Oklahoma	2964	8003				350
Southwestern	Oklahoma	2964	8004				4

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI))	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ))	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK))	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL))
Northeastern	Oklahoma	2963	3302	646	646	646	646
Northeastern	Oklahoma	2963	3313	1,223	1,223	1,223	1,223
Northeastern	Oklahoma	2963	3314	1,234	1,234	1,234	1,234
Oneta Energy Center	Oklahoma	55225	CTG-1	63	63	63	63
Oneta Energy Center	Oklahoma	55225	CTG-2	64	64	64	64
Oneta Energy Center	Oklahoma	55225	CTG-3	237	237	237	237
Oneta Energy Center	Oklahoma	55225	CTG-4	245	245	245	245
Ponca	Oklahoma	762	2	1	1	1	1
Ponca	Oklahoma	762	3	25	25	25	25
Ponca	Oklahoma	762	4	12	12	12	12
PowerSmith Cogeneration Project	Oklahoma	50558	GT01	144	144	144	144
Redbud Power Plant	Oklahoma	55463	CT-01	33	33	33	33
Redbud Power Plant	Oklahoma	55463	CT-02	32	32	32	32
Redbud Power Plant	Oklahoma	55463	CT-03	26	26	26	26
Redbud Power Plant	Oklahoma	55463	CT-04	29	29	29	29
Riverside (4940)	Oklahoma	4940	1501	498	498	498	498
Riverside (4940)	Oklahoma	4940	1502	497	497	497	497
Riverside (4940)	Oklahoma	4940	1503	17	17	17	17
Riverside (4940)	Oklahoma	4940	1504	12	12	12	12
Seminole (2956)	Oklahoma	2956	1	506	506	506	506
Seminole (2956)	Oklahoma	2956	2	521	521	521	521
Seminole (2956)	Oklahoma	2956	3	518	518	518	518
Sooner	Oklahoma	6095	1	1,371	1,371	1,371	1,371
Sooner	Oklahoma	6095	2	1,252	1,252	1,252	1,252
Southwestern	Oklahoma	2964	8002	21	21	21	21
Southwestern	Oklahoma	2964	8003	350	350	350	350
Southwestern	Oklahoma	2964	8004	4	4	4	4

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Northeastern	Oklahoma	2963	3302				Y		
Northeastern	Oklahoma	2963	3313				Y		
Northeastern	Oklahoma	2963	3314				Y		
Oneta Energy Center	Oklahoma	55225	CTG-1				Y		
Oneta Energy Center	Oklahoma	55225	CTG-2				Y		
Oneta Energy Center	Oklahoma	55225	CTG-3				Y		
Oneta Energy Center	Oklahoma	55225	CTG-4				Y		
Ponca	Oklahoma	762	2				Y		
Ponca	Oklahoma	762	3				Y		
Ponca	Oklahoma	762	4				Y		
PowerSmith Cogeneration Project	Oklahoma	50558	GT01				Y	Y	
Redbud Power Plant	Oklahoma	55463	CT-01				Y		
Redbud Power Plant	Oklahoma	55463	CT-02				Y		
Redbud Power Plant	Oklahoma	55463	CT-03				Y		
Redbud Power Plant	Oklahoma	55463	CT-04				Y		
Riverside (4940)	Oklahoma	4940	1501				Y		
Riverside (4940)	Oklahoma	4940	1502				Y		
Riverside (4940)	Oklahoma	4940	1503				Y		
Riverside (4940)	Oklahoma	4940	1504				Y		
Seminole (2956)	Oklahoma	2956	1				Y		
Seminole (2956)	Oklahoma	2956	2				Y		
Seminole (2956)	Oklahoma	2956	3				Y		
Sooner	Oklahoma	6095	1				Y		
Sooner	Oklahoma	6095	2				Y		
Southwestern	Oklahoma	2964	8002				Y		
Southwestern	Oklahoma	2964	8003				Y		
Southwestern	Oklahoma	2964	8004				Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Southwestern	Oklahoma	2964	8005	1874	10,461		430,122	215,370	294,361
Southwestern	Oklahoma	2964	801N	2023	189,676	142,024	145,106	257,583	368,970
Southwestern	Oklahoma	2964	801S	2024	166,081	133,522	146,511	257,535	375,218
Spring Creek Power Plant	Oklahoma	55651	CT-01	5035	74,120	264,770	27,659	46,779	344,859
Spring Creek Power Plant	Oklahoma	55651	CT-02	5036	94,024	291,881	40,687	187,475	326,193
Spring Creek Power Plant	Oklahoma	55651	CT-03	5037	241,258	283,712	45,258	186,544	293,229
Spring Creek Power Plant	Oklahoma	55651	CT-04	5038	419,432	290,471	53,156	201,985	241,105
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	4899	9,798,701	10,102,545	9,009,653	9,538,633	6,369,897
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	4900	9,871,547	9,950,661	9,099,964	9,634,944	6,004,517
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	4901	11,130,902	10,330,025	10,562,486	9,560,353	5,608,725
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	4902	10,886,092	9,693,119	10,190,235	9,614,714	5,393,187
Tulsa	Oklahoma	2965	1402	2025	1,683,478	2,912,548	1,880,276	1,483,889	1,892,868
Tulsa	Oklahoma	2965	1403	2026	1,271,274	93,039	79,914	62,153	112,296
Tulsa	Oklahoma	2965	1404	2027	2,802,454	2,129,937	1,745,451	1,477,307	1,990,972
Weleetka	Oklahoma	2966	4		139,420	38,642	7,540	27,864	
Weleetka	Oklahoma	2966	5		139,420	38,642	7,540	27,864	
Weleetka	Oklahoma	2966	6		139,420	38,642	7,540	27,864	
Broad River Energy Center	South Carolina	55166	CT-1	4041	1,559,495	1,969,672	1,344,037	755,208	2,238,352
Broad River Energy Center	South Carolina	55166	CT-2	4042	1,449,701	1,396,006	1,252,743	711,103	2,094,894
Broad River Energy Center	South Carolina	55166	CT-3	4043	1,546,480	2,196,117	1,379,147	726,048	2,122,261
Broad River Energy Center	South Carolina	55166	CT-4	8448	1,538,480	1,155,743	1,252,920	739,983	1,960,171
Broad River Energy Center	South Carolina	55166	CT-5	8450	1,609,683	1,394,965	1,161,755	801,408	1,624,810
Canadys Steam	South Carolina	3280	CAN1	2219	6,884,536	4,138,021	6,291,915	3,635,097	3,301,272
Canadys Steam	South Carolina	3280	CAN2	2220	8,201,782	7,576,313	5,354,442	3,082,905	3,905,139
Canadys Steam	South Carolina	3280	CAN3	2221	10,643,045	11,593,721	10,196,625	4,581,620	6,174,482
Cherokee County Cogen	South Carolina	55043	CCCP1	3830	1,974,200	1,849,171	1,238,404	4,066,359	3,896,410
Cogen South	South Carolina	7737	B001	88328	4,675,553	4,680,749	4,785,917	4,590,803	4,525,262

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Southwestern	Oklahoma	2964	8005	313,284	731,075,847	0.000429		
Southwestern	Oklahoma	2964	801N	272,076	731,075,847	0.000372		
Southwestern	Oklahoma	2964	801S	266,278	731,075,847	0.000364		
Spring Creek Power Plant	Oklahoma	55651	CT-01	227,916	731,075,847	0.000312		
Spring Creek Power Plant	Oklahoma	55651	CT-02	268,516	731,075,847	0.000367		
Spring Creek Power Plant	Oklahoma	55651	CT-03	272,733	731,075,847	0.000373		
Spring Creek Power Plant	Oklahoma	55651	CT-04	317,003	731,075,847	0.000434		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	9,813,293	731,075,847	0.013423		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	9,819,051	731,075,847	0.013431		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	10,674,471	731,075,847	0.014601		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	10,256,482	731,075,847	0.014029		
Tulsa	Oklahoma	2965	1402	2,228,564	731,075,847	0.003048		
Tulsa	Oklahoma	2965	1403	492,203	731,075,847	0.000673		
Tulsa	Oklahoma	2965	1404	2,307,788	731,075,847	0.003157		
Weleetka	Oklahoma	2966	4	68,642	731,075,847	0.000094		
Weleetka	Oklahoma	2966	5	68,642	731,075,847	0.000094		
Weleetka	Oklahoma	2966	6	68,642	731,075,847	0.000094		
Broad River Energy Center	South Carolina	55166	CT-1	1,922,506	550,010,027	0.003495	94,700	94,700
Broad River Energy Center	South Carolina	55166	CT-2	1,646,867	550,010,027	0.002994	94,700	94,700
Broad River Energy Center	South Carolina	55166	CT-3	1,954,953	550,010,027	0.003554	94,700	94,700
Broad River Energy Center	South Carolina	55166	CT-4	1,583,857	550,010,027	0.002880	94,700	94,700
Broad River Energy Center	South Carolina	55166	CT-5	1,543,153	550,010,027	0.002806	94,700	94,700
Canadys Steam	South Carolina	3280	CAN1	5,771,491	550,010,027	0.010493	94,700	94,700
Canadys Steam	South Carolina	3280	CAN2	7,044,179	550,010,027	0.012807	94,700	94,700
Canadys Steam	South Carolina	3280	CAN3	10,811,130	550,010,027	0.019656	94,700	94,700
Cherokee County Cogen	South Carolina	55043	CCCP1	3,312,323	550,010,027	0.006022	94,700	94,700
Cogen South	South Carolina	7737	B001	4,714,073	550,010,027	0.008571	94,700	94,700

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Southwestern	Oklahoma	2964	8005						
Southwestern	Oklahoma	2964	801N						
Southwestern	Oklahoma	2964	801S						
Spring Creek Power Plant	Oklahoma	55651	CT-01						
Spring Creek Power Plant	Oklahoma	55651	CT-02						
Spring Creek Power Plant	Oklahoma	55651	CT-03						
Spring Creek Power Plant	Oklahoma	55651	CT-04						
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1						
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2						
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3						
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4						
Tulsa	Oklahoma	2965	1402						
Tulsa	Oklahoma	2965	1403						
Tulsa	Oklahoma	2965	1404						
Weleetka	Oklahoma	2966	4						
Weleetka	Oklahoma	2966	5						
Weleetka	Oklahoma	2966	6						
Broad River Energy Center	South Carolina	55166	CT-1	31,848	31,848	331	331	111	111
Broad River Energy Center	South Carolina	55166	CT-2	31,848	31,848	284	284	95	95
Broad River Energy Center	South Carolina	55166	CT-3	31,848	31,848	337	337	113	113
Broad River Energy Center	South Carolina	55166	CT-4	31,848	31,848	273	273	92	92
Broad River Energy Center	South Carolina	55166	CT-5	31,848	31,848	266	266	89	89
Canadys Steam	South Carolina	3280	CAN1	31,848	31,848	994	994	334	334
Canadys Steam	South Carolina	3280	CAN2	31,848	31,848	1,213	1,213	408	408
Canadys Steam	South Carolina	3280	CAN3	31,848	31,848	1,861	1,861	626	626
Cherokee County Cogen	South Carolina	55043	CCCP1	31,848	31,848	570	570	192	192
Cogen South	South Carolina	7737	B001	31,848	31,848	812	812	273	273

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Southwestern	Oklahoma	2964	8005	0	0	0	0	
Southwestern	Oklahoma	2964	801N	0	0	0	0	0
Southwestern	Oklahoma	2964	801S	0	0	0	0	0
Spring Creek Power Plant	Oklahoma	55651	CT-01	0	0	0	0	0
Spring Creek Power Plant	Oklahoma	55651	CT-02	0	0	0	0	0
Spring Creek Power Plant	Oklahoma	55651	CT-03	0	0	0	0	0
Spring Creek Power Plant	Oklahoma	55651	CT-04	0	0	0	0	0
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	2	2	2	3	3
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	2	2	2	3	3
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	1	2	2	3	3
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	1	2	3	3	3
Tulsa	Oklahoma	2965	1402	1	1	1	1	1
Tulsa	Oklahoma	2965	1403				0	0
Tulsa	Oklahoma	2965	1404	1	1	1	1	1
Weleetka	Oklahoma	2966	4			0		0
Weleetka	Oklahoma	2966	5			0		0
Weleetka	Oklahoma	2966	6			0		0
Broad River Energy Center	South Carolina	55166	CT-1	2	0	1	0	1
Broad River Energy Center	South Carolina	55166	CT-2	1	0	0	0	0
Broad River Energy Center	South Carolina	55166	CT-3	2	0	0	0	1
Broad River Energy Center	South Carolina	55166	CT-4	0	1	0	0	0
Broad River Energy Center	South Carolina	55166	CT-5	0	1	0	0	0
Canadys Steam	South Carolina	3280	CAN1	6,782	7,948	7,040	6,125	3,180
Canadys Steam	South Carolina	3280	CAN2	6,895	8,008	6,196	7,016	5,480
Canadys Steam	South Carolina	3280	CAN3	6,212	11,132	6,322	9,843	9,220
Cherokee County Cogen	South Carolina	55043	CCCP1	0	1	1	1	1
Cogen South	South Carolina	7737	B001		381	500		1,450

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Southwestern	Oklahoma	2964	8005	0	0	0	0		
Southwestern	Oklahoma	2964	801N	0	0	0	0		
Southwestern	Oklahoma	2964	801S	0	0	0	0		
Spring Creek Power Plant	Oklahoma	55651	CT-01	0	0	0	0		
Spring Creek Power Plant	Oklahoma	55651	CT-02	0	0	0	0		
Spring Creek Power Plant	Oklahoma	55651	CT-03	0	0	0	0		
Spring Creek Power Plant	Oklahoma	55651	CT-04	0	0	0	0		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	3	3	2	3		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	3	3	2	3		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	3	3	2	3		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	3	3	2	3		
Tulsa	Oklahoma	2965	1402	1	0	1	1		
Tulsa	Oklahoma	2965	1403	0	0	0	0		
Tulsa	Oklahoma	2965	1404	1	0	1	1		
Weleetka	Oklahoma	2966	4				0		
Weleetka	Oklahoma	2966	5				0		
Weleetka	Oklahoma	2966	6				0		
Broad River Energy Center	South Carolina	55166	CT-1	0	0	1	2		
Broad River Energy Center	South Carolina	55166	CT-2	0	0	1	1		
Broad River Energy Center	South Carolina	55166	CT-3	0	0	1	2		
Broad River Energy Center	South Carolina	55166	CT-4	0	0	1	1		
Broad River Energy Center	South Carolina	55166	CT-5	0	0	0	1		
Canadys Steam	South Carolina	3280	CAN1	5,427	3,001	2,927	7,948		
Canadys Steam	South Carolina	3280	CAN2	4,033	2,598	3,723	8,008		
Canadys Steam	South Carolina	3280	CAN3	8,506	4,030	6,031	11,132		
Cherokee County Cogen	South Carolina	55043	CCCP1	0	1	1	1		
Cogen South	South Carolina	7737	B001				1,450		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Southwestern	Oklahoma	2964	8005					1	0
Southwestern	Oklahoma	2964	801N					23	11
Southwestern	Oklahoma	2964	801S					20	9
Spring Creek Power Plant	Oklahoma	55651	CT-01					4	2
Spring Creek Power Plant	Oklahoma	55651	CT-02					4	2
Spring Creek Power Plant	Oklahoma	55651	CT-03					7	3
Spring Creek Power Plant	Oklahoma	55651	CT-04					5	4
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1					83	98
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2					84	112
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3					66	129
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4					66	134
Tulsa	Oklahoma	2965	1402					350	276
Tulsa	Oklahoma	2965	1403						
Tulsa	Oklahoma	2965	1404					367	250
Weleetka	Oklahoma	2966	4						2
Weleetka	Oklahoma	2966	5						2
Weleetka	Oklahoma	2966	6						2
Broad River Energy Center	South Carolina	55166	CT-1					14	23
Broad River Energy Center	South Carolina	55166	CT-2					13	19
Broad River Energy Center	South Carolina	55166	CT-3					12	22
Broad River Energy Center	South Carolina	55166	CT-4					7	17
Broad River Energy Center	South Carolina	55166	CT-5					7	21
Canadys Steam	South Carolina	3280	CAN1					1,457	1,704
Canadys Steam	South Carolina	3280	CAN2					1,771	1,692
Canadys Steam	South Carolina	3280	CAN3					1,639	2,551
Cherokee County Cogen	South Carolina	55043	CCCP1					13	27
Cogen South	South Carolina	7737	B001					875	781

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Southwestern	Oklahoma	2964	8005	1	0		32	3
Southwestern	Oklahoma	2964	801N	26	19	13	13	32
Southwestern	Oklahoma	2964	801S	22	16	11	12	26
Spring Creek Power Plant	Oklahoma	55651	CT-01	3	1	4	2	3
Spring Creek Power Plant	Oklahoma	55651	CT-02	3	1	4	3	14
Spring Creek Power Plant	Oklahoma	55651	CT-03	7	5	4	2	13
Spring Creek Power Plant	Oklahoma	55651	CT-04	7	6	4	3	16
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	124	152	160	138	139
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	128	145	146	138	144
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	132	171	161	168	147
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	138	166	150	159	152
Tulsa	Oklahoma	2965	1402	634	264	428	230	135
Tulsa	Oklahoma	2965	1403		212	13	11	9
Tulsa	Oklahoma	2965	1404	542	438	290	185	139
Weleetka	Oklahoma	2966	4	6		5		
Weleetka	Oklahoma	2966	5	6		5		
Weleetka	Oklahoma	2966	6	6		5		
Broad River Energy Center	South Carolina	55166	CT-1	28	30	38	27	15
Broad River Energy Center	South Carolina	55166	CT-2	26	29	28	24	14
Broad River Energy Center	South Carolina	55166	CT-3	30	30	44	26	13
Broad River Energy Center	South Carolina	55166	CT-4	29	30	22	24	14
Broad River Energy Center	South Carolina	55166	CT-5	29	31	26	23	15
Canadys Steam	South Carolina	3280	CAN1	1,778	1,329	839	1,263	685
Canadys Steam	South Carolina	3280	CAN2	1,601	1,742	1,539	982	564
Canadys Steam	South Carolina	3280	CAN3	1,555	1,926	2,205	1,791	726
Cherokee County Cogen	South Carolina	55043	CCCP1	23	27	27	16	49
Cogen South	South Carolina	7737	B001	703	747	662	746	706

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Southwestern	Oklahoma	2964	8005	5	32				
Southwestern	Oklahoma	2964	801N	45	45				
Southwestern	Oklahoma	2964	801S	36	36				
Spring Creek Power Plant	Oklahoma	55651	CT-01	4	4				
Spring Creek Power Plant	Oklahoma	55651	CT-02	4	14				
Spring Creek Power Plant	Oklahoma	55651	CT-03	3	13				
Spring Creek Power Plant	Oklahoma	55651	CT-04	2	16				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	94	160				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	95	146				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	84	171				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	80	166				
Tulsa	Oklahoma	2965	1402	175	634				
Tulsa	Oklahoma	2965	1403	19	212				
Tulsa	Oklahoma	2965	1404	192	542				
Weleetka	Oklahoma	2966	4		6				
Weleetka	Oklahoma	2966	5		6				
Weleetka	Oklahoma	2966	6		6				
Broad River Energy Center	South Carolina	55166	CT-1	43	43				
Broad River Energy Center	South Carolina	55166	CT-2	41	41				
Broad River Energy Center	South Carolina	55166	CT-3	39	44				
Broad River Energy Center	South Carolina	55166	CT-4	37	37				
Broad River Energy Center	South Carolina	55166	CT-5	32	32				
Canadys Steam	South Carolina	3280	CAN1	588	1,778				
Canadys Steam	South Carolina	3280	CAN2	699	1,771				
Canadys Steam	South Carolina	3280	CAN3	933	2,551				
Cherokee County Cogen	South Carolina	55043	CCCP1	50	50				
Cogen South	South Carolina	7737	B001	618	875				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Southwestern	Oklahoma	2964	8005				
Southwestern	Oklahoma	2964	801N				
Southwestern	Oklahoma	2964	801S				
Spring Creek Power Plant	Oklahoma	55651	CT-01				
Spring Creek Power Plant	Oklahoma	55651	CT-02				
Spring Creek Power Plant	Oklahoma	55651	CT-03				
Spring Creek Power Plant	Oklahoma	55651	CT-04				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4				
Tulsa	Oklahoma	2965	1402				
Tulsa	Oklahoma	2965	1403				
Tulsa	Oklahoma	2965	1404				
Weleetka	Oklahoma	2966	4				
Weleetka	Oklahoma	2966	5				
Weleetka	Oklahoma	2966	6				
Broad River Energy Center	South Carolina	55166	CT-1			2	2
Broad River Energy Center	South Carolina	55166	CT-2			1	1
Broad River Energy Center	South Carolina	55166	CT-3			2	2
Broad River Energy Center	South Carolina	55166	CT-4			1	1
Broad River Energy Center	South Carolina	55166	CT-5			1	1
Canadys Steam	South Carolina	3280	CAN1			1,608	1,608
Canadys Steam	South Carolina	3280	CAN2			1,963	1,963
Canadys Steam	South Carolina	3280	CAN3			3,012	3,012
Cherokee County Cogen	South Carolina	55043	CCCP1			1	1
Cogen South	South Carolina	7737	B001			1,314	1,314

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Southwestern	Oklahoma	2964	8005				
Southwestern	Oklahoma	2964	801N				
Southwestern	Oklahoma	2964	801S				
Spring Creek Power Plant	Oklahoma	55651	CT-01				
Spring Creek Power Plant	Oklahoma	55651	CT-02				
Spring Creek Power Plant	Oklahoma	55651	CT-03				
Spring Creek Power Plant	Oklahoma	55651	CT-04				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4				
Tulsa	Oklahoma	2965	1402				
Tulsa	Oklahoma	2965	1403				
Tulsa	Oklahoma	2965	1404				
Weleetka	Oklahoma	2966	4				
Weleetka	Oklahoma	2966	5				
Weleetka	Oklahoma	2966	6				
Broad River Energy Center	South Carolina	55166	CT-1	2	2	2	2
Broad River Energy Center	South Carolina	55166	CT-2	1	1	1	1
Broad River Energy Center	South Carolina	55166	CT-3	2	2	2	2
Broad River Energy Center	South Carolina	55166	CT-4	1	1	1	1
Broad River Energy Center	South Carolina	55166	CT-5	1	1	1	1
Canadys Steam	South Carolina	3280	CAN1	1,608	1,608	1,608	1,608
Canadys Steam	South Carolina	3280	CAN2	1,963	1,963	1,963	1,963
Canadys Steam	South Carolina	3280	CAN3	3,012	3,012	3,012	3,012
Cherokee County Cogen	South Carolina	55043	CCCP1	1	1	1	1
Cogen South	South Carolina	7737	B001	1,314	1,314	1,314	1,314

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Southwestern	Oklahoma	2964	8005				
Southwestern	Oklahoma	2964	801N				
Southwestern	Oklahoma	2964	801S				
Spring Creek Power Plant	Oklahoma	55651	CT-01				
Spring Creek Power Plant	Oklahoma	55651	CT-02				
Spring Creek Power Plant	Oklahoma	55651	CT-03				
Spring Creek Power Plant	Oklahoma	55651	CT-04				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3				
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4				
Tulsa	Oklahoma	2965	1402				
Tulsa	Oklahoma	2965	1403				
Tulsa	Oklahoma	2965	1404				
Weleetka	Oklahoma	2966	4				
Weleetka	Oklahoma	2966	5				
Weleetka	Oklahoma	2966	6				
Broad River Energy Center	South Carolina	55166	CT-1				
Broad River Energy Center	South Carolina	55166	CT-2				
Broad River Energy Center	South Carolina	55166	CT-3				
Broad River Energy Center	South Carolina	55166	CT-4				
Broad River Energy Center	South Carolina	55166	CT-5				
Canadys Steam	South Carolina	3280	CAN1				
Canadys Steam	South Carolina	3280	CAN2				
Canadys Steam	South Carolina	3280	CAN3				
Cherokee County Cogen	South Carolina	55043	CCCP1				
Cogen South	South Carolina	7737	B001				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Southwestern	Oklahoma	2964	8005			10,461		272,734
Southwestern	Oklahoma	2964	801N			84,604	70,091	57,751
Southwestern	Oklahoma	2964	801S			75,823	67,687	57,132
Spring Creek Power Plant	Oklahoma	55651	CT-01			47,354	264,770	24,679
Spring Creek Power Plant	Oklahoma	55651	CT-02			64,925	291,881	34,537
Spring Creek Power Plant	Oklahoma	55651	CT-03			204,567	283,712	30,066
Spring Creek Power Plant	Oklahoma	55651	CT-04			365,588	290,471	38,601
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1			4,748,917	5,127,973	5,575,785
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2			4,793,983	5,159,798	5,491,872
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3			5,687,041	4,806,390	5,194,273
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4			5,619,269	5,293,262	5,110,723
Tulsa	Oklahoma	2965	1402			350,421	1,495,457	1,057,384
Tulsa	Oklahoma	2965	1403			1,271,274	93,039	79,623
Tulsa	Oklahoma	2965	1404			1,778,249	1,301,231	896,744
Weleetka	Oklahoma	2966	4			76,708	19,881	3,682
Weleetka	Oklahoma	2966	5			76,708	19,881	3,682
Weleetka	Oklahoma	2966	6			76,708	19,881	3,682
Broad River Energy Center	South Carolina	55166	CT-1			1,438,240	1,328,279	930,170
Broad River Energy Center	South Carolina	55166	CT-2			1,336,132	941,860	944,397
Broad River Energy Center	South Carolina	55166	CT-3			1,339,217	1,357,435	988,414
Broad River Energy Center	South Carolina	55166	CT-4			1,281,901	939,521	1,052,089
Broad River Energy Center	South Carolina	55166	CT-5			1,350,118	1,086,480	1,002,989
Canadys Steam	South Carolina	3280	CAN1			2,818,474	1,895,199	2,770,023
Canadys Steam	South Carolina	3280	CAN2			4,094,177	3,581,490	3,398,706
Canadys Steam	South Carolina	3280	CAN3			4,920,818	5,125,543	5,175,782
Cherokee County Cogen	South Carolina	55043	CCCP1			1,228,817	1,201,941	698,455
Cogen South	South Carolina	7737	B001			4,675,553	4,680,749	4,785,917

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Southwestern	Oklahoma	2964	8005	119,163	199,716	197,204	354,401,657	0.000556
Southwestern	Oklahoma	2964	801N	103,025	244,030	143,886	354,401,657	0.000406
Southwestern	Oklahoma	2964	801S	102,992	244,058	140,958	354,401,657	0.000398
Spring Creek Power Plant	Oklahoma	55651	CT-01	45,953	288,191	200,105	354,401,657	0.000565
Spring Creek Power Plant	Oklahoma	55651	CT-02	184,922	271,928	249,577	354,401,657	0.000704
Spring Creek Power Plant	Oklahoma	55651	CT-03	185,085	256,713	248,330	354,401,657	0.000701
Spring Creek Power Plant	Oklahoma	55651	CT-04	199,438	239,568	298,542	354,401,657	0.000842
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	5,460,097	5,021,051	5,387,951	354,401,657	0.015203
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	5,461,252	4,732,816	5,370,974	354,401,657	0.015155
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	5,454,443	5,072,012	5,445,252	354,401,657	0.015365
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	5,506,411	4,817,980	5,472,981	354,401,657	0.015443
Tulsa	Oklahoma	2965	1402	873,154	1,029,085	1,193,976	354,401,657	0.003369
Tulsa	Oklahoma	2965	1403	62,153	112,296	492,203	354,401,657	0.001389
Tulsa	Oklahoma	2965	1404	578,708	1,058,014	1,379,164	354,401,657	0.003892
Weleetka	Oklahoma	2966	4	14,194		36,927	354,401,657	0.000104
Weleetka	Oklahoma	2966	5	14,194		36,927	354,401,657	0.000104
Weleetka	Oklahoma	2966	6	14,194		36,927	354,401,657	0.000104
Broad River Energy Center	South Carolina	55166	CT-1	540,142	1,701,900	1,489,473	263,453,966	0.005654
Broad River Energy Center	South Carolina	55166	CT-2	480,517	1,617,840	1,299,456	263,453,966	0.004932
Broad River Energy Center	South Carolina	55166	CT-3	486,725	1,535,840	1,410,831	263,453,966	0.005355
Broad River Energy Center	South Carolina	55166	CT-4	600,367	1,425,485	1,253,159	263,453,966	0.004757
Broad River Energy Center	South Carolina	55166	CT-5	566,440	1,247,756	1,228,118	263,453,966	0.004662
Canadys Steam	South Carolina	3280	CAN1	1,894,981	1,671,433	2,494,565	263,453,966	0.009469
Canadys Steam	South Carolina	3280	CAN2	1,696,967	1,829,102	3,691,458	263,453,966	0.014012
Canadys Steam	South Carolina	3280	CAN3	1,953,520	4,598,343	5,074,048	263,453,966	0.019260
Cherokee County Cogen	South Carolina	55043	CCCP1	2,260,067	2,104,154	1,864,346	263,453,966	0.007077
Cogen South	South Carolina	7737	B001	4,590,803	4,525,262	4,714,073	263,453,966	0.017893

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Southwestern	Oklahoma	2964	8005	35,836	22,240	20	12	0	0
Southwestern	Oklahoma	2964	801N	35,836	22,240	15	9	7	4
Southwestern	Oklahoma	2964	801S	35,836	22,240	14	9	7	3
Spring Creek Power Plant	Oklahoma	55651	CT-01	35,836	22,240	20	13	1	1
Spring Creek Power Plant	Oklahoma	55651	CT-02	35,836	22,240	25	16	1	1
Spring Creek Power Plant	Oklahoma	55651	CT-03	35,836	22,240	25	16	3	2
Spring Creek Power Plant	Oklahoma	55651	CT-04	35,836	22,240	30	19	3	2
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	35,836	22,240	545	338	51	58
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	35,836	22,240	543	337	54	67
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	35,836	22,240	551	342	49	74
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	35,836	22,240	553	343	46	73
Tulsa	Oklahoma	2965	1402	35,836	22,240	121	75	172	152
Tulsa	Oklahoma	2965	1403	35,836	22,240	50	31		
Tulsa	Oklahoma	2965	1404	35,836	22,240	139	87	171	156
Weleetka	Oklahoma	2966	4	35,836	22,240	4	2		1
Weleetka	Oklahoma	2966	5	35,836	22,240	4	2		1
Weleetka	Oklahoma	2966	6	35,836	22,240	4	2		1
Broad River Energy Center	South Carolina	55166	CT-1	13,631	13,631	77	77	8	18
Broad River Energy Center	South Carolina	55166	CT-2	13,631	13,631	67	67	10	15
Broad River Energy Center	South Carolina	55166	CT-3	13,631	13,631	73	73	10	16
Broad River Energy Center	South Carolina	55166	CT-4	13,631	13,631	65	65	6	13
Broad River Energy Center	South Carolina	55166	CT-5	13,631	13,631	64	64	5	16
Canadys Steam	South Carolina	3280	CAN1	13,631	13,631	129	129	632	815
Canadys Steam	South Carolina	3280	CAN2	13,631	13,631	191	191	746	731
Canadys Steam	South Carolina	3280	CAN3	13,631	13,631	263	263	999	1,126
Cherokee County Cogen	South Carolina	55043	CCCP1	13,631	13,631	96	96	8	15
Cogen South	South Carolina	7737	B001	13,631	13,631	244	244	875	781

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Southwestern	Oklahoma	2964	8005	0	0		4	2	3
Southwestern	Oklahoma	2964	801N	12	11	6	4	13	29
Southwestern	Oklahoma	2964	801S	10	9	6	4	10	23
Spring Creek Power Plant	Oklahoma	55651	CT-01	1	1	4	2	3	3
Spring Creek Power Plant	Oklahoma	55651	CT-02	1	1	4	3	14	3
Spring Creek Power Plant	Oklahoma	55651	CT-03	1	3	4	2	13	3
Spring Creek Power Plant	Oklahoma	55651	CT-04	2	6	4	3	16	2
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	86	73	79	83	77	72
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	82	69	71	81	81	76
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	82	85	72	80	80	74
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	81	82	81	76	82	70
Tulsa	Oklahoma	2965	1402	398	60	217	135	72	97
Tulsa	Oklahoma	2965	1403		212	13	11	9	19
Tulsa	Oklahoma	2965	1404	418	292	176	96	51	98
Weleetka	Oklahoma	2966	4	3		3			
Weleetka	Oklahoma	2966	5	3		3			
Weleetka	Oklahoma	2966	6	3		3			
Broad River Energy Center	South Carolina	55166	CT-1	24	27	25	18	11	33
Broad River Energy Center	South Carolina	55166	CT-2	21	26	18	18	9	32
Broad River Energy Center	South Carolina	55166	CT-3	25	25	28	18	8	28
Broad River Energy Center	South Carolina	55166	CT-4	24	24	18	20	11	28
Broad River Energy Center	South Carolina	55166	CT-5	25	26	21	20	11	25
Canadys Steam	South Carolina	3280	CAN1	760	539	363	571	350	282
Canadys Steam	South Carolina	3280	CAN2	774	854	689	627	306	318
Canadys Steam	South Carolina	3280	CAN3	1,016	865	940	923	290	676
Cherokee County Cogen	South Carolina	55043	CCCP1	12	17	18	9	28	27
Cogen South	South Carolina	7737	B001	703	747	662	746	706	618

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Southwestern	Oklahoma	2964	8005	4					
Southwestern	Oklahoma	2964	801N	29					
Southwestern	Oklahoma	2964	801S	23					
Spring Creek Power Plant	Oklahoma	55651	CT-01	4					
Spring Creek Power Plant	Oklahoma	55651	CT-02	14					
Spring Creek Power Plant	Oklahoma	55651	CT-03	13					
Spring Creek Power Plant	Oklahoma	55651	CT-04	16					
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	86					
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	82					
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	85					
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	82					
Tulsa	Oklahoma	2965	1402	398					
Tulsa	Oklahoma	2965	1403	212					
Tulsa	Oklahoma	2965	1404	418					
Weleetka	Oklahoma	2966	4	3					
Weleetka	Oklahoma	2966	5	3					
Weleetka	Oklahoma	2966	6	3					
Broad River Energy Center	South Carolina	55166	CT-1	33					
Broad River Energy Center	South Carolina	55166	CT-2	32					
Broad River Energy Center	South Carolina	55166	CT-3	28					
Broad River Energy Center	South Carolina	55166	CT-4	28					
Broad River Energy Center	South Carolina	55166	CT-5	26					
Canadys Steam	South Carolina	3280	CAN1	815					
Canadys Steam	South Carolina	3280	CAN2	854					
Canadys Steam	South Carolina	3280	CAN3	1,126					
Cherokee County Cogen	South Carolina	55043	CCCP1	28					
Cogen South	South Carolina	7737	B001	875					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Southwestern	Oklahoma	2964	8005				4
Southwestern	Oklahoma	2964	801N				11
Southwestern	Oklahoma	2964	801S				11
Spring Creek Power Plant	Oklahoma	55651	CT-01				4
Spring Creek Power Plant	Oklahoma	55651	CT-02				14
Spring Creek Power Plant	Oklahoma	55651	CT-03				13
Spring Creek Power Plant	Oklahoma	55651	CT-04				16
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1				86
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2				82
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3				85
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4				82
Tulsa	Oklahoma	2965	1402				94
Tulsa	Oklahoma	2965	1403				39
Tulsa	Oklahoma	2965	1404				108
Weleetka	Oklahoma	2966	4				3
Weleetka	Oklahoma	2966	5				3
Weleetka	Oklahoma	2966	6				3
Broad River Energy Center	South Carolina	55166	CT-1				
Broad River Energy Center	South Carolina	55166	CT-2				
Broad River Energy Center	South Carolina	55166	CT-3				
Broad River Energy Center	South Carolina	55166	CT-4				
Broad River Energy Center	South Carolina	55166	CT-5				
Canadys Steam	South Carolina	3280	CAN1				
Canadys Steam	South Carolina	3280	CAN2				
Canadys Steam	South Carolina	3280	CAN3				
Cherokee County Cogen	South Carolina	55043	CCCP1				
Cogen South	South Carolina	7737	B001				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Southwestern	Oklahoma	2964	8005	4	4	4	4
Southwestern	Oklahoma	2964	801N	11	11	11	11
Southwestern	Oklahoma	2964	801S	11	11	11	11
Spring Creek Power Plant	Oklahoma	55651	CT-01	4	4	4	4
Spring Creek Power Plant	Oklahoma	55651	CT-02	14	14	14	14
Spring Creek Power Plant	Oklahoma	55651	CT-03	13	13	13	13
Spring Creek Power Plant	Oklahoma	55651	CT-04	16	16	16	16
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	86	86	86	86
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	82	82	82	82
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	85	85	85	85
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	82	82	82	82
Tulsa	Oklahoma	2965	1402	94	94	94	94
Tulsa	Oklahoma	2965	1403	39	39	39	39
Tulsa	Oklahoma	2965	1404	108	108	108	108
Weleetka	Oklahoma	2966	4	3	3	3	3
Weleetka	Oklahoma	2966	5	3	3	3	3
Weleetka	Oklahoma	2966	6	3	3	3	3
Broad River Energy Center	South Carolina	55166	CT-1				
Broad River Energy Center	South Carolina	55166	CT-2				
Broad River Energy Center	South Carolina	55166	CT-3				
Broad River Energy Center	South Carolina	55166	CT-4				
Broad River Energy Center	South Carolina	55166	CT-5				
Canadys Steam	South Carolina	3280	CAN1				
Canadys Steam	South Carolina	3280	CAN2				
Canadys Steam	South Carolina	3280	CAN3				
Cherokee County Cogen	South Carolina	55043	CCCP1				
Cogen South	South Carolina	7737	B001				

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Southwestern	Oklahoma	2964	8005				Y		
Southwestern	Oklahoma	2964	801N				Y		
Southwestern	Oklahoma	2964	801S				Y		
Spring Creek Power Plant	Oklahoma	55651	CT-01				Y		
Spring Creek Power Plant	Oklahoma	55651	CT-02				Y		
Spring Creek Power Plant	Oklahoma	55651	CT-03				Y		
Spring Creek Power Plant	Oklahoma	55651	CT-04				Y		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1				Y		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2				Y		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3				Y		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4				Y		
Tulsa	Oklahoma	2965	1402				Y		
Tulsa	Oklahoma	2965	1403				Y		
Tulsa	Oklahoma	2965	1404				Y		
Weleetka	Oklahoma	2966	4				Y	Y	
Weleetka	Oklahoma	2966	5				Y	Y	
Weleetka	Oklahoma	2966	6				Y	Y	
Broad River Energy Center	South Carolina	55166	CT-1	Y		Y	Y		
Broad River Energy Center	South Carolina	55166	CT-2	Y		Y	Y		
Broad River Energy Center	South Carolina	55166	CT-3	Y		Y	Y		
Broad River Energy Center	South Carolina	55166	CT-4	Y		Y	Y		
Broad River Energy Center	South Carolina	55166	CT-5	Y		Y	Y		
Canadys Steam	South Carolina	3280	CAN1	Y		Y	Y		
Canadys Steam	South Carolina	3280	CAN2	Y		Y	Y		
Canadys Steam	South Carolina	3280	CAN3	Y		Y	Y		
Cherokee County Cogen	South Carolina	55043	CCCP1	Y		Y	Y		
Cogen South	South Carolina	7737	B001	Y		Y	Y	Y	

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Columbia Energy Center (SC)	South Carolina	55386	CT-1	4636	1,377,688	1,395,248	1,356,340	38,831	866,195
Columbia Energy Center (SC)	South Carolina	55386	CT-2	4637	1,591,986	1,713,974	1,293,487	324,733	647,079
Cope Station	South Carolina	7210	COP1	3006	34,962,880	31,977,981	25,002,313	24,011,603	25,041,897
Cross	South Carolina	130	1	82	44,797,640	47,797,174	39,315,943	44,740,445	35,683,410
Cross	South Carolina	130	2	83	46,633,956	43,402,925	43,346,833	18,558,220	45,113,067
Cross	South Carolina	130	3	89490	280,898	39,617,006	39,147,040	43,058,334	28,305,957
Cross	South Carolina	130	4	89491			22,700,710	45,573,790	46,876,292
Darlington County	South Carolina	3250	1	88099	57,022	107,267	43,695	15,511	74,606
Darlington County	South Carolina	3250	10	88100	26,933	45,861	10,980	9,635	19,091
Darlington County	South Carolina	3250	11	88101	24,813	40,072	163	1,042	
Darlington County	South Carolina	3250	12	2199	343,227	772,351	614,265	396,860	855,197
Darlington County	South Carolina	3250	13	2200	360,020	723,106	644,725	429,422	815,431
Darlington County	South Carolina	3250	2	88102	21,475	50,960	10,738	30,182	21,086
Darlington County	South Carolina	3250	3	88103	77,620	106,528	57,952	17,155	81,964
Darlington County	South Carolina	3250	4	88104	5,307	49,209	10,424	25,915	19,303
Darlington County	South Carolina	3250	5	88105	55,488	141,265	58,729	22,940	121,516
Darlington County	South Carolina	3250	6	88106	25,508	51,814	9,922	23,545	11,711
Darlington County	South Carolina	3250	7	88107	74,931	118,010	70,144	11,799	121,072
Darlington County	South Carolina	3250	8	88108	24,818	54,089	1,708	5,786	17,146
Darlington County	South Carolina	3250	9	88109	23,132	47,692	14,347	16,665	10,550
Dolphus M Grainger	South Carolina	3317	1	2235	6,018,613	4,822,114	3,695,528	891,252	2,106,915
Dolphus M Grainger	South Carolina	3317	2	2236	5,916,455	4,698,242	3,649,288	1,032,705	2,468,127
H B Robinson	South Carolina	3251	1	2201	12,068,932	11,590,702	10,171,726	9,783,877	10,228,467
Hagood	South Carolina	3285	HAG4	2225	269,310	413,679	272,808	249,925	395,626
Hilton Head Gas Turbine Site	South Carolina	3318	CT1	88281	4,280	1,213	799	2,726	2,153
Hilton Head Gas Turbine Site	South Carolina	3318	CT2	88282	4,399	2,722	1,363	3,211	1,806
Hilton Head Gas Turbine Site	South Carolina	3318	CT3	88283	10,522	14,304	1,053	10,953	7,984

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Columbia Energy Center (SC)	South Carolina	55386	CT-1	1,376,425	550,010,027	0.002503	94,700	94,700
Columbia Energy Center (SC)	South Carolina	55386	CT-2	1,533,149	550,010,027	0.002787	94,700	94,700
Cope Station	South Carolina	7210	COP1	30,660,919	550,010,027	0.055746	94,700	94,700
Cross	South Carolina	130	1	45,778,420	550,010,027	0.083232	94,700	94,700
Cross	South Carolina	130	2	45,049,983	550,010,027	0.081908	94,700	94,700
Cross	South Carolina	130	3	40,607,460	550,010,027	0.073830	94,700	94,700
Cross	South Carolina	130	4	38,383,597	550,010,027	0.069787	94,700	94,700
Darlington County	South Carolina	3250	1	79,631	550,010,027	0.000145	94,700	94,700
Darlington County	South Carolina	3250	10	30,628	550,010,027	0.000056	94,700	94,700
Darlington County	South Carolina	3250	11	21,976	550,010,027	0.000040	94,700	94,700
Darlington County	South Carolina	3250	12	747,271	550,010,027	0.001359	94,700	94,700
Darlington County	South Carolina	3250	13	727,754	550,010,027	0.001323	94,700	94,700
Darlington County	South Carolina	3250	2	34,206	550,010,027	0.000062	94,700	94,700
Darlington County	South Carolina	3250	3	88,704	550,010,027	0.000161	94,700	94,700
Darlington County	South Carolina	3250	4	31,475	550,010,027	0.000057	94,700	94,700
Darlington County	South Carolina	3250	5	107,170	550,010,027	0.000195	94,700	94,700
Darlington County	South Carolina	3250	6	33,623	550,010,027	0.000061	94,700	94,700
Darlington County	South Carolina	3250	7	104,671	550,010,027	0.000190	94,700	94,700
Darlington County	South Carolina	3250	8	32,018	550,010,027	0.000058	94,700	94,700
Darlington County	South Carolina	3250	9	29,163	550,010,027	0.000053	94,700	94,700
Dolphus M Grainger	South Carolina	3317	1	4,845,418	550,010,027	0.008810	94,700	94,700
Dolphus M Grainger	South Carolina	3317	2	4,754,662	550,010,027	0.008645	94,700	94,700
H B Robinson	South Carolina	3251	1	11,296,034	550,010,027	0.020538	94,700	94,700
Hagood	South Carolina	3285	HAG4	360,704	550,010,027	0.000656	94,700	94,700
Hilton Head Gas Turbine Site	South Carolina	3318	CT1	3,053	550,010,027	0.000006	94,700	94,700
Hilton Head Gas Turbine Site	South Carolina	3318	CT2	3,444	550,010,027	0.000006	94,700	94,700
Hilton Head Gas Turbine Site	South Carolina	3318	CT3	11,926	550,010,027	0.000022	94,700	94,700

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Columbia Energy Center (SC)	South Carolina	55386	CT-1	31,848	31,848	237	237	80	80
Columbia Energy Center (SC)	South Carolina	55386	CT-2	31,848	31,848	264	264	89	89
Cope Station	South Carolina	7210	COP1	31,848	31,848	5,279	5,279	1,775	1,775
Cross	South Carolina	130	1	31,848	31,848	7,882	7,882	2,651	2,651
Cross	South Carolina	130	2	31,848	31,848	7,757	7,757	2,609	2,609
Cross	South Carolina	130	3	31,848	31,848	6,992	6,992	2,351	2,351
Cross	South Carolina	130	4	31,848	31,848	6,609	6,609	2,223	2,223
Darlington County	South Carolina	3250	1	31,848	31,848	14	14	5	5
Darlington County	South Carolina	3250	10	31,848	31,848	5	5	2	2
Darlington County	South Carolina	3250	11	31,848	31,848	4	4	1	1
Darlington County	South Carolina	3250	12	31,848	31,848	129	129	43	43
Darlington County	South Carolina	3250	13	31,848	31,848	125	125	42	42
Darlington County	South Carolina	3250	2	31,848	31,848	6	6	2	2
Darlington County	South Carolina	3250	3	31,848	31,848	15	15	5	5
Darlington County	South Carolina	3250	4	31,848	31,848	5	5	2	2
Darlington County	South Carolina	3250	5	31,848	31,848	18	18	6	6
Darlington County	South Carolina	3250	6	31,848	31,848	6	6	2	2
Darlington County	South Carolina	3250	7	31,848	31,848	18	18	6	6
Darlington County	South Carolina	3250	8	31,848	31,848	6	6	2	2
Darlington County	South Carolina	3250	9	31,848	31,848	5	5	2	2
Dolphus M Grainger	South Carolina	3317	1	31,848	31,848	834	834	281	281
Dolphus M Grainger	South Carolina	3317	2	31,848	31,848	819	819	275	275
H B Robinson	South Carolina	3251	1	31,848	31,848	1,945	1,945	654	654
Hagood	South Carolina	3285	HAG4	31,848	31,848	62	62	21	21
Hilton Head Gas Turbine Site	South Carolina	3318	CT1	31,848	31,848	1	1	0	0
Hilton Head Gas Turbine Site	South Carolina	3318	CT2	31,848	31,848	1	1	0	0
Hilton Head Gas Turbine Site	South Carolina	3318	CT3	31,848	31,848	2	2	1	1

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Columbia Energy Center (SC)	South Carolina	55386	CT-1		4	0	0	0
Columbia Energy Center (SC)	South Carolina	55386	CT-2		1	1	0	1
Cope Station	South Carolina	7210	COP1	2,215	2,689	2,293	2,603	2,334
Cross	South Carolina	130	1	4,842	4,500	4,060	2,979	2,371
Cross	South Carolina	130	2	9,759	10,377	5,061	6,433	5,751
Cross	South Carolina	130	3					1,070
Cross	South Carolina	130	4					
Darlington County	South Carolina	3250	1					
Darlington County	South Carolina	3250	10					
Darlington County	South Carolina	3250	11					
Darlington County	South Carolina	3250	12	3	0	2	1	1
Darlington County	South Carolina	3250	13	2	1	2	0	1
Darlington County	South Carolina	3250	2					
Darlington County	South Carolina	3250	3					
Darlington County	South Carolina	3250	4					
Darlington County	South Carolina	3250	5					
Darlington County	South Carolina	3250	6					
Darlington County	South Carolina	3250	7					
Darlington County	South Carolina	3250	8					
Darlington County	South Carolina	3250	9					
Dolphus M Grainger	South Carolina	3317	1	5,746	6,838	6,242	6,579	5,251
Dolphus M Grainger	South Carolina	3317	2	6,015	5,773	6,652	6,484	5,089
H B Robinson	South Carolina	3251	1	9,753	13,120	11,051	12,503	12,611
Hagood	South Carolina	3285	HAG4	34	4	2	0	1
Hilton Head Gas Turbine Site	South Carolina	3318	CT1					
Hilton Head Gas Turbine Site	South Carolina	3318	CT2					
Hilton Head Gas Turbine Site	South Carolina	3318	CT3					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns V - AC		
Columbia Energy Center (SC)	South Carolina	55386	CT-1	0	0	0	4		
Columbia Energy Center (SC)	South Carolina	55386	CT-2	0	0	0	1		
Cope Station	South Carolina	7210	COP1	1,817	1,595	1,759	2,689		
Cross	South Carolina	130	1	1,695	1,904	1,579	4,842		
Cross	South Carolina	130	2	5,022	2,228	5,388	10,377		
Cross	South Carolina	130	3	1,461	1,556	917	1,556		
Cross	South Carolina	130	4	428	1,468	1,416	1,468		
Darlington County	South Carolina	3250	1		1	0	1		
Darlington County	South Carolina	3250	10		2	5	5		
Darlington County	South Carolina	3250	11		0		0		
Darlington County	South Carolina	3250	12	1	0	1	3		
Darlington County	South Carolina	3250	13	1	0	1	2		
Darlington County	South Carolina	3250	2		8	5	8		
Darlington County	South Carolina	3250	3		1	0	1		
Darlington County	South Carolina	3250	4		6	5	6		
Darlington County	South Carolina	3250	5		1	0	1		
Darlington County	South Carolina	3250	6		6	3	6		
Darlington County	South Carolina	3250	7		1	0	1		
Darlington County	South Carolina	3250	8		1	4	4		
Darlington County	South Carolina	3250	9		4	3	4		
Dolphus M Grainger	South Carolina	3317	1	4,484	1,105	2,569	6,838		
Dolphus M Grainger	South Carolina	3317	2	4,546	1,251	3,027	6,652		
H B Robinson	South Carolina	3251	1	9,970	9,564	7,772	13,120		
Hagood	South Carolina	3285	HAG4	0	2	1	34		
Hilton Head Gas Turbine Site	South Carolina	3318	CT1		1	1	1		
Hilton Head Gas Turbine Site	South Carolina	3318	CT2		1	0	1		
Hilton Head Gas Turbine Site	South Carolina	3318	CT3		3	2	3		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Columbia Energy Center (SC)	South Carolina	55386	CT-1					0	113
Columbia Energy Center (SC)	South Carolina	55386	CT-2						116
Cope Station	South Carolina	7210	COP1					3,865	4,662
Cross	South Carolina	130	1					6,059	3,486
Cross	South Carolina	130	2					6,085	4,196
Cross	South Carolina	130	3						
Cross	South Carolina	130	4						
Darlington County	South Carolina	3250	1					2	2
Darlington County	South Carolina	3250	10					1	1
Darlington County	South Carolina	3250	11					1	1
Darlington County	South Carolina	3250	12					9	1
Darlington County	South Carolina	3250	13					8	7
Darlington County	South Carolina	3250	2					2	1
Darlington County	South Carolina	3250	3					2	2
Darlington County	South Carolina	3250	4					3	1
Darlington County	South Carolina	3250	5					2	3
Darlington County	South Carolina	3250	6					1	1
Darlington County	South Carolina	3250	7					2	2
Darlington County	South Carolina	3250	8					2	1
Darlington County	South Carolina	3250	9					1	
Dolphus M Grainger	South Carolina	3317	1					1,347	1,498
Dolphus M Grainger	South Carolina	3317	2					1,309	1,184
H B Robinson	South Carolina	3251	1					3,322	3,032
Hagood	South Carolina	3285	HAG4					38	21
Hilton Head Gas Turbine Site	South Carolina	3318	CT1					3	1
Hilton Head Gas Turbine Site	South Carolina	3318	CT2					2	1
Hilton Head Gas Turbine Site	South Carolina	3318	CT3					8	1

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Columbia Energy Center (SC)	South Carolina	55386	CT-1	12	14	12	10	0
Columbia Energy Center (SC)	South Carolina	55386	CT-2	17	15	16	12	3
Cope Station	South Carolina	7210	COP1	4,215	4,551	4,106	3,232	940
Cross	South Carolina	130	1	1,711	1,940	2,195	1,754	1,986
Cross	South Carolina	130	2	1,599	2,061	2,121	1,944	862
Cross	South Carolina	130	3		182	1,520	1,357	1,463
Cross	South Carolina	130	4				871	1,593
Darlington County	South Carolina	3250	1	5	8	16	11	4
Darlington County	South Carolina	3250	10	2	7	12	5	3
Darlington County	South Carolina	3250	11	2	6	11	0	0
Darlington County	South Carolina	3250	12	19	14	34	27	17
Darlington County	South Carolina	3250	13	17	15	31	28	19
Darlington County	South Carolina	3250	2	6	9	14	4	11
Darlington County	South Carolina	3250	3	4	11	14	17	5
Darlington County	South Carolina	3250	4	4	1	14	5	9
Darlington County	South Carolina	3250	5	6	8	25	14	6
Darlington County	South Carolina	3250	6	3	7	18	4	8
Darlington County	South Carolina	3250	7	6	11	20	18	3
Darlington County	South Carolina	3250	8	3	7	16	1	2
Darlington County	South Carolina	3250	9	1	5	16	7	6
Dolphus M Grainger	South Carolina	3317	1	1,459	1,380	1,096	804	182
Dolphus M Grainger	South Carolina	3317	2	1,427	1,237	1,027	775	225
H B Robinson	South Carolina	3251	1	2,737	3,069	2,828	2,441	1,460
Hagood	South Carolina	3285	HAG4	13	21	31	21	20
Hilton Head Gas Turbine Site	South Carolina	3318	CT1	4	3	1	0	2
Hilton Head Gas Turbine Site	South Carolina	3318	CT2	4	3	2	1	2
Hilton Head Gas Turbine Site	South Carolina	3318	CT3	4	2	2	0	2

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Columbia Energy Center (SC)	South Carolina	55386	CT-1	8	113				
Columbia Energy Center (SC)	South Carolina	55386	CT-2	8	116				
Cope Station	South Carolina	7210	COP1	983	4,662				
Cross	South Carolina	130	1	1,625	6,059				
Cross	South Carolina	130	2	1,988	6,085				
Cross	South Carolina	130	3	963	1,520				
Cross	South Carolina	130	4	1,620	1,620				
Darlington County	South Carolina	3250	1	18	18				
Darlington County	South Carolina	3250	10	7	12				
Darlington County	South Carolina	3250	11		11				
Darlington County	South Carolina	3250	12	36	36				
Darlington County	South Carolina	3250	13	36	36				
Darlington County	South Carolina	3250	2	7	14				
Darlington County	South Carolina	3250	3	20	20				
Darlington County	South Carolina	3250	4	7	14				
Darlington County	South Carolina	3250	5	29	29				
Darlington County	South Carolina	3250	6	4	18				
Darlington County	South Carolina	3250	7	29	29				
Darlington County	South Carolina	3250	8	6	16				
Darlington County	South Carolina	3250	9	4	16				
Dolphus M Grainger	South Carolina	3317	1	488	1,498				
Dolphus M Grainger	South Carolina	3317	2	537	1,427				
H B Robinson	South Carolina	3251	1	2,233	3,322				
Hagood	South Carolina	3285	HAG4	30	38				
Hilton Head Gas Turbine Site	South Carolina	3318	CT1	1	4				
Hilton Head Gas Turbine Site	South Carolina	3318	CT2	1	4				
Hilton Head Gas Turbine Site	South Carolina	3318	CT3	1	8				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Columbia Energy Center (SC)	South Carolina	55386	CT-1			4	4
Columbia Energy Center (SC)	South Carolina	55386	CT-2			1	1
Cope Station	South Carolina	7210	COP1			2,689	2,689
Cross	South Carolina	130	1			4,842	4,842
Cross	South Carolina	130	2			10,377	10,377
Cross	South Carolina	130	3			1,556	1,556
Cross	South Carolina	130	4			1,468	1,468
Darlington County	South Carolina	3250	1			1	1
Darlington County	South Carolina	3250	10			5	5
Darlington County	South Carolina	3250	11			0	0
Darlington County	South Carolina	3250	12			3	3
Darlington County	South Carolina	3250	13			2	2
Darlington County	South Carolina	3250	2			8	8
Darlington County	South Carolina	3250	3			1	1
Darlington County	South Carolina	3250	4			6	6
Darlington County	South Carolina	3250	5			1	1
Darlington County	South Carolina	3250	6			6	6
Darlington County	South Carolina	3250	7			1	1
Darlington County	South Carolina	3250	8			4	4
Darlington County	South Carolina	3250	9			4	4
Dolphus M Grainger	South Carolina	3317	1			1,350	1,350
Dolphus M Grainger	South Carolina	3317	2			1,325	1,325
H B Robinson	South Carolina	3251	1			3,147	3,147
Hagood	South Carolina	3285	HAG4			34	34
Hilton Head Gas Turbine Site	South Carolina	3318	CT1			1	1
Hilton Head Gas Turbine Site	South Carolina	3318	CT2			1	1
Hilton Head Gas Turbine Site	South Carolina	3318	CT3			3	3

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Columbia Energy Center (SC)	South Carolina	55386	CT-1	4	4	4	4
Columbia Energy Center (SC)	South Carolina	55386	CT-2	1	1	1	1
Cope Station	South Carolina	7210	COP1	2,689	2,689	2,689	2,689
Cross	South Carolina	130	1	4,842	4,842	4,842	4,842
Cross	South Carolina	130	2	10,377	10,377	10,377	10,377
Cross	South Carolina	130	3	1,556	1,556	1,556	1,556
Cross	South Carolina	130	4	1,468	1,468	1,468	1,468
Darlington County	South Carolina	3250	1	1	1	1	1
Darlington County	South Carolina	3250	10	5	5	5	5
Darlington County	South Carolina	3250	11	0	0	0	0
Darlington County	South Carolina	3250	12	3	3	3	3
Darlington County	South Carolina	3250	13	2	2	2	2
Darlington County	South Carolina	3250	2	8	8	8	8
Darlington County	South Carolina	3250	3	1	1	1	1
Darlington County	South Carolina	3250	4	6	6	6	6
Darlington County	South Carolina	3250	5	1	1	1	1
Darlington County	South Carolina	3250	6	6	6	6	6
Darlington County	South Carolina	3250	7	1	1	1	1
Darlington County	South Carolina	3250	8	4	4	4	4
Darlington County	South Carolina	3250	9	4	4	4	4
Dolphus M Grainger	South Carolina	3317	1	1,350	1,350	1,350	1,350
Dolphus M Grainger	South Carolina	3317	2	1,325	1,325	1,325	1,325
H B Robinson	South Carolina	3251	1	3,147	3,147	3,147	3,147
Hagood	South Carolina	3285	HAG4	34	34	34	34
Hilton Head Gas Turbine Site	South Carolina	3318	CT1	1	1	1	1
Hilton Head Gas Turbine Site	South Carolina	3318	CT2	1	1	1	1
Hilton Head Gas Turbine Site	South Carolina	3318	CT3	3	3	3	3

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Columbia Energy Center (SC)	South Carolina	55386	CT-1				
Columbia Energy Center (SC)	South Carolina	55386	CT-2				
Cope Station	South Carolina	7210	COP1				
Cross	South Carolina	130	1				
Cross	South Carolina	130	2				
Cross	South Carolina	130	3				
Cross	South Carolina	130	4				
Darlington County	South Carolina	3250	1				
Darlington County	South Carolina	3250	10				
Darlington County	South Carolina	3250	11				
Darlington County	South Carolina	3250	12				
Darlington County	South Carolina	3250	13				
Darlington County	South Carolina	3250	2				
Darlington County	South Carolina	3250	3				
Darlington County	South Carolina	3250	4				
Darlington County	South Carolina	3250	5				
Darlington County	South Carolina	3250	6				
Darlington County	South Carolina	3250	7				
Darlington County	South Carolina	3250	8				
Darlington County	South Carolina	3250	9				
Dolphus M Grainger	South Carolina	3317	1				
Dolphus M Grainger	South Carolina	3317	2				
H B Robinson	South Carolina	3251	1				
Hagood	South Carolina	3285	HAG4				
Hilton Head Gas Turbine Site	South Carolina	3318	CT1				
Hilton Head Gas Turbine Site	South Carolina	3318	CT2				
Hilton Head Gas Turbine Site	South Carolina	3318	CT3				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation								
Columbia Energy Center (SC)	South Carolina	55386	CT-1			1,377,345	1,227,731	994,629
Columbia Energy Center (SC)	South Carolina	55386	CT-2			1,589,731	1,522,032	893,139
Cope Station	South Carolina	7210	COP1			15,052,633	14,055,628	11,417,407
Cross	South Carolina	130	1			20,605,967	20,193,368	17,652,918
Cross	South Carolina	130	2			19,668,198	19,553,701	18,294,434
Cross	South Carolina	130	3			145,343	17,356,708	17,518,862
Cross	South Carolina	130	4					16,662,219
Darlington County	South Carolina	3250	1			57,022	107,267	24,692
Darlington County	South Carolina	3250	10			26,933	45,861	1,934
Darlington County	South Carolina	3250	11			24,813	40,072	163
Darlington County	South Carolina	3250	12			212,847	536,164	274,739
Darlington County	South Carolina	3250	13			218,101	492,128	325,642
Darlington County	South Carolina	3250	2			21,475	50,960	5,806
Darlington County	South Carolina	3250	3			77,620	106,528	32,069
Darlington County	South Carolina	3250	4			5,307	49,209	2,405
Darlington County	South Carolina	3250	5			55,488	141,265	41,149
Darlington County	South Carolina	3250	6			25,508	51,814	4,013
Darlington County	South Carolina	3250	7			74,931	118,010	44,299
Darlington County	South Carolina	3250	8			24,818	54,089	562
Darlington County	South Carolina	3250	9			23,132	47,692	4,394
Dolphus M Grainger	South Carolina	3317	1			2,704,754	2,091,155	1,774,911
Dolphus M Grainger	South Carolina	3317	2			2,656,942	2,087,530	1,740,159
H B Robinson	South Carolina	3251	1			4,887,760	4,553,280	3,735,008
Hagood	South Carolina	3285	HAG4			206,671	328,584	209,399
Hilton Head Gas Turbine Site	South Carolina	3318	CT1			4,280	1,213	110
Hilton Head Gas Turbine Site	South Carolina	3318	CT2			4,399	2,722	26
Hilton Head Gas Turbine Site	South Carolina	3318	CT3			10,522	14,304	161

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Columbia Energy Center (SC)	South Carolina	55386	CT-1	38,831	866,195	1,199,902	263,453,966	0.004555
Columbia Energy Center (SC)	South Carolina	55386	CT-2	254,899	647,079	1,334,967	263,453,966	0.005067
Cope Station	South Carolina	7210	COP1	10,320,890	10,234,612	13,508,556	263,453,966	0.051275
Cross	South Carolina	130	1	18,940,908	17,140,495	19,913,414	263,453,966	0.075586
Cross	South Carolina	130	2	9,333,000	19,647,598	19,623,166	263,453,966	0.074484
Cross	South Carolina	130	3	18,819,506	14,866,000	17,898,359	263,453,966	0.067937
Cross	South Carolina	130	4	19,278,531	19,637,673	18,526,141	263,453,966	0.070320
Darlington County	South Carolina	3250	1	8,925	70,488	78,259	263,453,966	0.000297
Darlington County	South Carolina	3250	10	3,023	12,626	28,473	263,453,966	0.000108
Darlington County	South Carolina	3250	11			21,683	263,453,966	0.000082
Darlington County	South Carolina	3250	12	267,448	565,058	458,654	263,453,966	0.001741
Darlington County	South Carolina	3250	13	310,752	605,888	474,553	263,453,966	0.001801
Darlington County	South Carolina	3250	2	20,762	14,476	31,066	263,453,966	0.000118
Darlington County	South Carolina	3250	3	9,675	66,088	83,412	263,453,966	0.000317
Darlington County	South Carolina	3250	4	17,224	10,740	25,724	263,453,966	0.000098
Darlington County	South Carolina	3250	5	14,910	109,627	102,127	263,453,966	0.000388
Darlington County	South Carolina	3250	6	18,062	10,851	31,795	263,453,966	0.000121
Darlington County	South Carolina	3250	7	7,412	106,211	99,717	263,453,966	0.000379
Darlington County	South Carolina	3250	8	3,742	13,098	30,668	263,453,966	0.000116
Darlington County	South Carolina	3250	9	10,787	9,145	27,204	263,453,966	0.000103
Dolphus M Grainger	South Carolina	3317	1	309,418	1,249,369	2,190,273	263,453,966	0.008314
Dolphus M Grainger	South Carolina	3317	2	653,955	1,553,020	2,161,544	263,453,966	0.008205
H B Robinson	South Carolina	3251	1	3,669,043	4,137,845	4,526,295	263,453,966	0.017181
Hagood	South Carolina	3285	HAG4	84,061	310,752	282,912	263,453,966	0.001074
Hilton Head Gas Turbine Site	South Carolina	3318	CT1	1,160	275	2,217	263,453,966	0.000008
Hilton Head Gas Turbine Site	South Carolina	3318	CT2	2,018	304	3,046	263,453,966	0.000012
Hilton Head Gas Turbine Site	South Carolina	3318	CT3	4,011	726	9,612	263,453,966	0.000036

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Columbia Energy Center (SC)	South Carolina	55386	CT-1	13,631	13,631	62	62		30
Columbia Energy Center (SC)	South Carolina	55386	CT-2	13,631	13,631	69	69		37
Cope Station	South Carolina	7210	COP1	13,631	13,631	699	699	1,501	1,980
Cross	South Carolina	130	1	13,631	13,631	1,030	1,030	1,370	960
Cross	South Carolina	130	2	13,631	13,631	1,015	1,015	1,488	774
Cross	South Carolina	130	3	13,631	13,631	926	926		
Cross	South Carolina	130	4	13,631	13,631	959	959		
Darlington County	South Carolina	3250	1	13,631	13,631	4	4	2	2
Darlington County	South Carolina	3250	10	13,631	13,631	1	1	1	1
Darlington County	South Carolina	3250	11	13,631	13,631	1	1	1	1
Darlington County	South Carolina	3250	12	13,631	13,631	24	24	5	0
Darlington County	South Carolina	3250	13	13,631	13,631	25	25	3	3
Darlington County	South Carolina	3250	2	13,631	13,631	2	2	2	1
Darlington County	South Carolina	3250	3	13,631	13,631	4	4	2	2
Darlington County	South Carolina	3250	4	13,631	13,631	1	1	3	1
Darlington County	South Carolina	3250	5	13,631	13,631	5	5	2	3
Darlington County	South Carolina	3250	6	13,631	13,631	2	2	1	1
Darlington County	South Carolina	3250	7	13,631	13,631	5	5	2	2
Darlington County	South Carolina	3250	8	13,631	13,631	2	2	2	1
Darlington County	South Carolina	3250	9	13,631	13,631	1	1	1	
Dolphus M Grainger	South Carolina	3317	1	13,631	13,631	113	113	603	623
Dolphus M Grainger	South Carolina	3317	2	13,631	13,631	112	112	514	503
H B Robinson	South Carolina	3251	1	13,631	13,631	234	234	1,437	869
Hagood	South Carolina	3285	HAG4	13,631	13,631	15	15	11	7
Hilton Head Gas Turbine Site	South Carolina	3318	CT1	13,631	13,631	0	0	3	1
Hilton Head Gas Turbine Site	South Carolina	3318	CT2	13,631	13,631	0	0	2	1
Hilton Head Gas Turbine Site	South Carolina	3318	CT3	13,631	13,631	0	0	8	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Columbia Energy Center (SC)	South Carolina	55386	CT-1	9	14	10	7	0	8
Columbia Energy Center (SC)	South Carolina	55386	CT-2	9	14	15	8	2	8
Cope Station	South Carolina	7210	COP1	1,981	1,897	1,721	1,520	399	393
Cross	South Carolina	130	1	649	789	943	795	856	773
Cross	South Carolina	130	2	593	759	970	831	437	868
Cross	South Carolina	130	3		95	597	606	641	519
Cross	South Carolina	130	4				607	683	690
Darlington County	South Carolina	3250	1	5	8	16	6	2	17
Darlington County	South Carolina	3250	10	2	7	12	1	1	4
Darlington County	South Carolina	3250	11	2	6	11	0		
Darlington County	South Carolina	3250	12	12	9	24	12	11	23
Darlington County	South Carolina	3250	13	11	9	21	14	13	26
Darlington County	South Carolina	3250	2	6	9	14	2	7	5
Darlington County	South Carolina	3250	3	4	11	14	8	2	16
Darlington County	South Carolina	3250	4	4	1	14	1	6	4
Darlington County	South Carolina	3250	5	6	8	25	10	4	26
Darlington County	South Carolina	3250	6	3	7	18	1	6	4
Darlington County	South Carolina	3250	7	6	11	20	11	2	25
Darlington County	South Carolina	3250	8	3	7	16	0	1	5
Darlington County	South Carolina	3250	9	1	5	16	2	4	3
Dolphus M Grainger	South Carolina	3317	1	576	635	496	399	65	291
Dolphus M Grainger	South Carolina	3317	2	623	569	465	372	144	343
H B Robinson	South Carolina	3251	1	713	814	787	641	558	978
Hagood	South Carolina	3285	HAG4	8	16	24	15	6	23
Hilton Head Gas Turbine Site	South Carolina	3318	CT1	4	3	1	0	1	0
Hilton Head Gas Turbine Site	South Carolina	3318	CT2	4	3	2	0	1	0
Hilton Head Gas Turbine Site	South Carolina	3318	CT3	4	2	2	0	1	0

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Columbia Energy Center (SC)	South Carolina	55386	CT-1	30					
Columbia Energy Center (SC)	South Carolina	55386	CT-2	37					
Cope Station	South Carolina	7210	COP1	1,981					
Cross	South Carolina	130	1	1,370					
Cross	South Carolina	130	2	1,488					
Cross	South Carolina	130	3	641					
Cross	South Carolina	130	4	690					
Darlington County	South Carolina	3250	1	17					
Darlington County	South Carolina	3250	10	12					
Darlington County	South Carolina	3250	11	11					
Darlington County	South Carolina	3250	12	24					
Darlington County	South Carolina	3250	13	26					
Darlington County	South Carolina	3250	2	14					
Darlington County	South Carolina	3250	3	16					
Darlington County	South Carolina	3250	4	14					
Darlington County	South Carolina	3250	5	26					
Darlington County	South Carolina	3250	6	18					
Darlington County	South Carolina	3250	7	25					
Darlington County	South Carolina	3250	8	16					
Darlington County	South Carolina	3250	9	16					
Dolphus M Grainger	South Carolina	3317	1	635					
Dolphus M Grainger	South Carolina	3317	2	623					
H B Robinson	South Carolina	3251	1	1,437					
Hagood	South Carolina	3285	HAG4	24					
Hilton Head Gas Turbine Site	South Carolina	3318	CT1	4					
Hilton Head Gas Turbine Site	South Carolina	3318	CT2	4					
Hilton Head Gas Turbine Site	South Carolina	3318	CT3	8					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Columbia Energy Center (SC)	South Carolina	55386	CT-1				
Columbia Energy Center (SC)	South Carolina	55386	CT-2				
Cope Station	South Carolina	7210	COP1				
Cross	South Carolina	130	1				
Cross	South Carolina	130	2				
Cross	South Carolina	130	3				
Cross	South Carolina	130	4				
Darlington County	South Carolina	3250	1				
Darlington County	South Carolina	3250	10				
Darlington County	South Carolina	3250	11				
Darlington County	South Carolina	3250	12				
Darlington County	South Carolina	3250	13				
Darlington County	South Carolina	3250	2				
Darlington County	South Carolina	3250	3				
Darlington County	South Carolina	3250	4				
Darlington County	South Carolina	3250	5				
Darlington County	South Carolina	3250	6				
Darlington County	South Carolina	3250	7				
Darlington County	South Carolina	3250	8				
Darlington County	South Carolina	3250	9				
Dolphus M Grainger	South Carolina	3317	1				
Dolphus M Grainger	South Carolina	3317	2				
H B Robinson	South Carolina	3251	1				
Hagood	South Carolina	3285	HAG4				
Hilton Head Gas Turbine Site	South Carolina	3318	CT1				
Hilton Head Gas Turbine Site	South Carolina	3318	CT2				
Hilton Head Gas Turbine Site	South Carolina	3318	CT3				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Columbia Energy Center (SC)	South Carolina	55386	CT-1				
Columbia Energy Center (SC)	South Carolina	55386	CT-2				
Cope Station	South Carolina	7210	COP1				
Cross	South Carolina	130	1				
Cross	South Carolina	130	2				
Cross	South Carolina	130	3				
Cross	South Carolina	130	4				
Darlington County	South Carolina	3250	1				
Darlington County	South Carolina	3250	10				
Darlington County	South Carolina	3250	11				
Darlington County	South Carolina	3250	12				
Darlington County	South Carolina	3250	13				
Darlington County	South Carolina	3250	2				
Darlington County	South Carolina	3250	3				
Darlington County	South Carolina	3250	4				
Darlington County	South Carolina	3250	5				
Darlington County	South Carolina	3250	6				
Darlington County	South Carolina	3250	7				
Darlington County	South Carolina	3250	8				
Darlington County	South Carolina	3250	9				
Dolphus M Grainger	South Carolina	3317	1				
Dolphus M Grainger	South Carolina	3317	2				
H B Robinson	South Carolina	3251	1				
Hagood	South Carolina	3285	HAG4				
Hilton Head Gas Turbine Site	South Carolina	3318	CT1				
Hilton Head Gas Turbine Site	South Carolina	3318	CT2				
Hilton Head Gas Turbine Site	South Carolina	3318	CT3				

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Columbia Energy Center (SC)	South Carolina	55386	CT-1	Y		Y	Y		
Columbia Energy Center (SC)	South Carolina	55386	CT-2	Y		Y	Y		
Cope Station	South Carolina	7210	COP1	Y		Y	Y		
Cross	South Carolina	130	1	Y		Y	Y		
Cross	South Carolina	130	2	Y		Y	Y		
Cross	South Carolina	130	3	Y		Y	Y		
Cross	South Carolina	130	4	Y		Y	Y		
Darlington County	South Carolina	3250	1	Y		Y	Y		
Darlington County	South Carolina	3250	10	Y		Y	Y		
Darlington County	South Carolina	3250	11	Y		Y	Y		
Darlington County	South Carolina	3250	12	Y		Y	Y		
Darlington County	South Carolina	3250	13	Y		Y	Y		
Darlington County	South Carolina	3250	2	Y		Y	Y		
Darlington County	South Carolina	3250	3	Y		Y	Y		
Darlington County	South Carolina	3250	4	Y		Y	Y		
Darlington County	South Carolina	3250	5	Y		Y	Y		
Darlington County	South Carolina	3250	6	Y		Y	Y		
Darlington County	South Carolina	3250	7	Y		Y	Y		
Darlington County	South Carolina	3250	8	Y		Y	Y		
Darlington County	South Carolina	3250	9	Y		Y	Y		
Dolphus M Grainger	South Carolina	3317	1	Y		Y	Y		
Dolphus M Grainger	South Carolina	3317	2	Y		Y	Y		
H B Robinson	South Carolina	3251	1	Y		Y	Y		
Hagood	South Carolina	3285	HAG4	Y		Y	Y		
Hilton Head Gas Turbine Site	South Carolina	3318	CT1	Y		Y	Y		
Hilton Head Gas Turbine Site	South Carolina	3318	CT2	Y		Y	Y		
Hilton Head Gas Turbine Site	South Carolina	3318	CT3	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Jasper County Generating Facility	South Carolina	55927	CT01	10211	4,462,312	5,237,080	5,678,556	11,357,388	9,708,020
Jasper County Generating Facility	South Carolina	55927	CT02	10212	4,757,465	6,284,951	6,584,731	10,750,371	10,504,968
Jasper County Generating Facility	South Carolina	55927	CT03	10213	4,446,357	5,231,808	6,196,003	10,068,648	10,543,578
Jefferies	South Carolina	3319	1	2237	202,265	136,632	61,831	172,769	85,438
Jefferies	South Carolina	3319	2	2238	197,042	134,962	68,045	164,716	133,208
Jefferies	South Carolina	3319	3	2239	11,296,004	9,383,831	7,212,948	1,263,428	4,504,232
Jefferies	South Carolina	3319	4	2240	11,589,522	11,537,923	8,355,666	1,418,487	3,021,873
John S. Rainey Generating Station	South Carolina	7834	CT1A	3260	7,068,211	3,029,847	3,893,866	6,281,757	9,594,956
John S. Rainey Generating Station	South Carolina	7834	CT1B	3261	5,538,249	3,369,511	3,693,856	7,453,347	9,279,993
John S. Rainey Generating Station	South Carolina	7834	CT2A	3262	1,386,176	1,284,413	955,503	1,614,094	1,649,752
John S. Rainey Generating Station	South Carolina	7834	CT2B	3263	1,301,236	1,058,677	793,937	1,524,064	1,540,343
John S. Rainey Generating Station	South Carolina	7834	CT3	88287	396,117	283,665	117,497	217,932	281,556
John S. Rainey Generating Station	South Carolina	7834	CT4	88288	402,589	330,773	132,482	235,929	243,929
John S. Rainey Generating Station	South Carolina	7834	CT5	88289	481,647	299,386	114,666	220,043	290,997
McMeekin	South Carolina	3287	MCM1	2226	8,474,673	8,369,953	7,780,185	3,848,475	6,856,444
McMeekin	South Carolina	3287	MCM2	2227	8,246,951	5,929,127	8,339,419	4,930,412	5,841,626
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	9192	192,032	322,494	28,960	9,996	148,147
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	9193	203,354	312,145	34,835	7,470	141,650
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	9194	210,708	329,000	56,015	9,306	154,795
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	9195	205,645	302,742	54,570	10,602	149,147
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	9196	180,666	288,481	64,543	10,445	139,294
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	9197	192,262	286,239	70,730	10,466	137,587
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	9198	174,778	254,529	69,354	966	129,920
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	9199	168,720	263,759	74,073	1,204	128,251
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3	88284	31,078	10,246	2,040	4,453	16,897
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4	88285	30,732	8,650	3,440	5,179	15,467
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5	88286		9,795	3,199	6,626	22,588

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Jasper County Generating Facility	South Carolina	55927	CT01	8,914,654	550,010,027	0.016208	94,700	94,700
Jasper County Generating Facility	South Carolina	55927	CT02	9,280,023	550,010,027	0.016872	94,700	94,700
Jasper County Generating Facility	South Carolina	55927	CT03	8,936,076	550,010,027	0.016247	94,700	94,700
Jefferies	South Carolina	3319	1	170,555	550,010,027	0.000310	94,700	94,700
Jefferies	South Carolina	3319	2	165,574	550,010,027	0.000301	94,700	94,700
Jefferies	South Carolina	3319	3	9,297,594	550,010,027	0.016904	94,700	94,700
Jefferies	South Carolina	3319	4	10,494,370	550,010,027	0.019080	94,700	94,700
John S. Rainey Generating Station	South Carolina	7834	CT1A	7,648,308	550,010,027	0.013906	94,700	94,700
John S. Rainey Generating Station	South Carolina	7834	CT1B	7,423,863	550,010,027	0.013498	94,700	94,700
John S. Rainey Generating Station	South Carolina	7834	CT2A	1,550,007	550,010,027	0.002818	94,700	94,700
John S. Rainey Generating Station	South Carolina	7834	CT2B	1,455,214	550,010,027	0.002646	94,700	94,700
John S. Rainey Generating Station	South Carolina	7834	CT3	320,446	550,010,027	0.000583	94,700	94,700
John S. Rainey Generating Station	South Carolina	7834	CT4	325,763	550,010,027	0.000592	94,700	94,700
John S. Rainey Generating Station	South Carolina	7834	CT5	357,344	550,010,027	0.000650	94,700	94,700
McMeekin	South Carolina	3287	MCM1	8,208,270	550,010,027	0.014924	94,700	94,700
McMeekin	South Carolina	3287	MCM2	7,505,166	550,010,027	0.013646	94,700	94,700
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	220,891	550,010,027	0.000402	94,700	94,700
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	219,050	550,010,027	0.000398	94,700	94,700
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	231,501	550,010,027	0.000421	94,700	94,700
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	219,178	550,010,027	0.000398	94,700	94,700
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	202,814	550,010,027	0.000369	94,700	94,700
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	205,362	550,010,027	0.000373	94,700	94,700
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	186,409	550,010,027	0.000339	94,700	94,700
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	186,910	550,010,027	0.000340	94,700	94,700
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3	19,407	550,010,027	0.000035	94,700	94,700
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4	18,283	550,010,027	0.000033	94,700	94,700
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5	13,003	550,010,027	0.000024	94,700	94,700

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Jasper County Generating Facility	South Carolina	55927	CT01	31,848	31,848	1,535	1,535	516	516
Jasper County Generating Facility	South Carolina	55927	CT02	31,848	31,848	1,598	1,598	537	537
Jasper County Generating Facility	South Carolina	55927	CT03	31,848	31,848	1,539	1,539	517	517
Jefferies	South Carolina	3319	1	31,848	31,848	29	29	10	10
Jefferies	South Carolina	3319	2	31,848	31,848	29	29	10	10
Jefferies	South Carolina	3319	3	31,848	31,848	1,601	1,601	538	538
Jefferies	South Carolina	3319	4	31,848	31,848	1,807	1,807	608	608
John S. Rainey Generating Station	South Carolina	7834	CT1A	31,848	31,848	1,317	1,317	443	443
John S. Rainey Generating Station	South Carolina	7834	CT1B	31,848	31,848	1,278	1,278	430	430
John S. Rainey Generating Station	South Carolina	7834	CT2A	31,848	31,848	267	267	90	90
John S. Rainey Generating Station	South Carolina	7834	CT2B	31,848	31,848	251	251	84	84
John S. Rainey Generating Station	South Carolina	7834	CT3	31,848	31,848	55	55	19	19
John S. Rainey Generating Station	South Carolina	7834	CT4	31,848	31,848	56	56	19	19
John S. Rainey Generating Station	South Carolina	7834	CT5	31,848	31,848	62	62	21	21
McMeekin	South Carolina	3287	MCM1	31,848	31,848	1,413	1,413	475	475
McMeekin	South Carolina	3287	MCM2	31,848	31,848	1,292	1,292	435	435
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	31,848	31,848	38	38	13	13
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	31,848	31,848	38	38	13	13
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	31,848	31,848	40	40	13	13
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	31,848	31,848	38	38	13	13
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	31,848	31,848	35	35	12	12
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	31,848	31,848	35	35	12	12
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	31,848	31,848	32	32	11	11
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	31,848	31,848	32	32	11	11
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3	31,848	31,848	3	3	1	1
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4	31,848	31,848	3	3	1	1
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5	31,848	31,848	2	2	1	1

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Jasper County Generating Facility	South Carolina	55927	CT01		1	3	1	2
Jasper County Generating Facility	South Carolina	55927	CT02		1	1	1	2
Jasper County Generating Facility	South Carolina	55927	CT03		1	3	1	2
Jefferies	South Carolina	3319	1	60	110	282	53	28
Jefferies	South Carolina	3319	2	53	103	275	51	28
Jefferies	South Carolina	3319	3	10,654	11,551	11,183	13,127	10,237
Jefferies	South Carolina	3319	4	14,627	11,145	13,834	13,068	12,354
John S. Rainey Generating Station	South Carolina	7834	CT1A	2	2	2	2	1
John S. Rainey Generating Station	South Carolina	7834	CT1B	1	1	2	2	1
John S. Rainey Generating Station	South Carolina	7834	CT2A	0	1	2	0	0
John S. Rainey Generating Station	South Carolina	7834	CT2B	1	0	0	0	0
John S. Rainey Generating Station	South Carolina	7834	CT3		0	0	0	0
John S. Rainey Generating Station	South Carolina	7834	CT4		0	0	0	0
John S. Rainey Generating Station	South Carolina	7834	CT5		0	0	0	0
McMeekin	South Carolina	3287	MCM1	5,475	5,733	6,993	6,750	6,139
McMeekin	South Carolina	3287	MCM2	6,535	5,777	7,434	6,558	4,328
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	1	1	0	0	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	1	1	0	0	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	1	1	0	0	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	1	1	0	0	0
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	0	1	0	0	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	0	1	0	0	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	0	1	0	0	0
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	0	1	0	0	0
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3					
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4					
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns V - AC		
Jasper County Generating Facility	South Carolina	55927	CT01	2	4	3	4		
Jasper County Generating Facility	South Carolina	55927	CT02	2	3	3	3		
Jasper County Generating Facility	South Carolina	55927	CT03	2	3	8	8		
Jefferies	South Carolina	3319	1	25	134	50	282		
Jefferies	South Carolina	3319	2	27	120	65	275		
Jefferies	South Carolina	3319	3	7,741	1,464	5,990	13,127		
Jefferies	South Carolina	3319	4	9,121	1,699	4,062	14,627		
John S. Rainey Generating Station	South Carolina	7834	CT1A	1	2	3	3		
John S. Rainey Generating Station	South Carolina	7834	CT1B	1	2	3	3		
John S. Rainey Generating Station	South Carolina	7834	CT2A	0	0	0	2		
John S. Rainey Generating Station	South Carolina	7834	CT2B	0	0	0	1		
John S. Rainey Generating Station	South Carolina	7834	CT3	0	0	0	0		
John S. Rainey Generating Station	South Carolina	7834	CT4	0	0	0	0		
John S. Rainey Generating Station	South Carolina	7834	CT5	0	0	0	0		
McMeekin	South Carolina	3287	MCM1	6,352	2,830	5,080	6,993		
McMeekin	South Carolina	3287	MCM2	6,644	3,755	4,600	7,434		
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	0	0	0	1		
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	0	0	0	1		
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	0	0	0	1		
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	0	0	0	1		
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	0	0	0	1		
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	0	0	0	1		
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	0	0	0	1		
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	0	0	0	1		
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3		1	4	4		
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4		1	4	4		
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5		2	6	6		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Jasper County Generating Facility	South Carolina	55927	CT01						25
Jasper County Generating Facility	South Carolina	55927	CT02						30
Jasper County Generating Facility	South Carolina	55927	CT03						28
Jefferies	South Carolina	3319	1					16	27
Jefferies	South Carolina	3319	2					16	29
Jefferies	South Carolina	3319	3					2,449	2,346
Jefferies	South Carolina	3319	4					3,194	2,458
John S. Rainey Generating Station	South Carolina	7834	CT1A					54	56
John S. Rainey Generating Station	South Carolina	7834	CT1B					61	71
John S. Rainey Generating Station	South Carolina	7834	CT2A					8	18
John S. Rainey Generating Station	South Carolina	7834	CT2B					12	15
John S. Rainey Generating Station	South Carolina	7834	CT3						8
John S. Rainey Generating Station	South Carolina	7834	CT4						5
John S. Rainey Generating Station	South Carolina	7834	CT5						5
McMeekin	South Carolina	3287	MCM1					1,429	1,528
McMeekin	South Carolina	3287	MCM2					1,653	1,467
Mill Creek Combustion Turbine Sta	South Carolina	7981	1					8	4
Mill Creek Combustion Turbine Sta	South Carolina	7981	2					4	4
Mill Creek Combustion Turbine Sta	South Carolina	7981	3					3	4
Mill Creek Combustion Turbine Sta	South Carolina	7981	4					3	4
Mill Creek Combustion Turbine Sta	South Carolina	7981	5					1	4
Mill Creek Combustion Turbine Sta	South Carolina	7981	6					2	4
Mill Creek Combustion Turbine Sta	South Carolina	7981	7					1	3
Mill Creek Combustion Turbine Sta	South Carolina	7981	8					2	3
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3					1	2
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4					1	2
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5					1	3

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Jasper County Generating Facility	South Carolina	55927	CT01	27	24	31	34	54
Jasper County Generating Facility	South Carolina	55927	CT02	30	31	38	37	47
Jasper County Generating Facility	South Carolina	55927	CT03	33	29	34	34	44
Jefferies	South Carolina	3319	1	53	20	12	7	24
Jefferies	South Carolina	3319	2	67	24	14	8	24
Jefferies	South Carolina	3319	3	2,491	2,664	2,249	1,694	299
Jefferies	South Carolina	3319	4	2,706	2,576	2,769	1,955	342
John S. Rainey Generating Station	South Carolina	7834	CT1A	47	48	20	38	37
John S. Rainey Generating Station	South Carolina	7834	CT1B	42	41	21	38	47
John S. Rainey Generating Station	South Carolina	7834	CT2A	26	17	16	17	24
John S. Rainey Generating Station	South Carolina	7834	CT2B	24	19	18	12	23
John S. Rainey Generating Station	South Carolina	7834	CT3	8	6	4	2	3
John S. Rainey Generating Station	South Carolina	7834	CT4	6	6	5	2	4
John S. Rainey Generating Station	South Carolina	7834	CT5	8	8	5	2	4
McMeekin	South Carolina	3287	MCM1	1,501	1,612	1,468	1,416	673
McMeekin	South Carolina	3287	MCM2	1,646	1,482	1,048	1,487	835
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	2	3	7	1	0
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	2	3	5	1	0
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	2	3	7	1	0
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	2	3	6	1	0
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	2	3	6	1	0
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	2	3	6	1	0
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	1	2	5	1	0
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	2	2	5	1	0
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3	12	19	6	1	3
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4	12	18	5	2	3
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5	18		6	2	4

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Jasper County Generating Facility	South Carolina	55927	CT01	41	54				
Jasper County Generating Facility	South Carolina	55927	CT02	43	47				
Jasper County Generating Facility	South Carolina	55927	CT03	45	45				
Jefferies	South Carolina	3319	1	12	53				
Jefferies	South Carolina	3319	2	18	67				
Jefferies	South Carolina	3319	3	1,120	2,664				
Jefferies	South Carolina	3319	4	713	3,194				
John S. Rainey Generating Station	South Carolina	7834	CT1A	67	67				
John S. Rainey Generating Station	South Carolina	7834	CT1B	62	71				
John S. Rainey Generating Station	South Carolina	7834	CT2A	27	27				
John S. Rainey Generating Station	South Carolina	7834	CT2B	25	25				
John S. Rainey Generating Station	South Carolina	7834	CT3	4	8				
John S. Rainey Generating Station	South Carolina	7834	CT4	4	6				
John S. Rainey Generating Station	South Carolina	7834	CT5	5	8				
McMeekin	South Carolina	3287	MCM1	1,024	1,612				
McMeekin	South Carolina	3287	MCM2	842	1,653				
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	3	8				
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	2	5				
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	3	7				
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	2	6				
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	2	6				
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	2	6				
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	2	5				
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	2	5				
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3	10	19				
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4	9	18				
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5	14	18				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)
Jasper County Generating Facility	South Carolina	55927	CT01			4	4
Jasper County Generating Facility	South Carolina	55927	CT02			3	3
Jasper County Generating Facility	South Carolina	55927	CT03			8	8
Jefferies	South Carolina	3319	1			48	48
Jefferies	South Carolina	3319	2			46	46
Jefferies	South Carolina	3319	3			2,591	2,591
Jefferies	South Carolina	3319	4			2,924	2,924
John S. Rainey Generating Station	South Carolina	7834	CT1A			3	3
John S. Rainey Generating Station	South Carolina	7834	CT1B			3	3
John S. Rainey Generating Station	South Carolina	7834	CT2A			2	2
John S. Rainey Generating Station	South Carolina	7834	CT2B			1	1
John S. Rainey Generating Station	South Carolina	7834	CT3			0	0
John S. Rainey Generating Station	South Carolina	7834	CT4			0	0
John S. Rainey Generating Station	South Carolina	7834	CT5			0	0
McMeekin	South Carolina	3287	MCM1			2,287	2,287
McMeekin	South Carolina	3287	MCM2			2,091	2,091
Mill Creek Combustion Turbine Sta	South Carolina	7981	1			1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	2			1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	3			1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	4			1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	5			1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	6			1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	7			1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	8			1	1
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3			4	4
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4			4	4
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5			4	4

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Jasper County Generating Facility	South Carolina	55927	CT01	4	4	4	4
Jasper County Generating Facility	South Carolina	55927	CT02	3	3	3	3
Jasper County Generating Facility	South Carolina	55927	CT03	8	8	8	8
Jefferies	South Carolina	3319	1	48	48	48	48
Jefferies	South Carolina	3319	2	46	46	46	46
Jefferies	South Carolina	3319	3	2,591	2,591	2,591	2,591
Jefferies	South Carolina	3319	4	2,924	2,924	2,924	2,924
John S. Rainey Generating Station	South Carolina	7834	CT1A	3	3	3	3
John S. Rainey Generating Station	South Carolina	7834	CT1B	3	3	3	3
John S. Rainey Generating Station	South Carolina	7834	CT2A	2	2	2	2
John S. Rainey Generating Station	South Carolina	7834	CT2B	1	1	1	1
John S. Rainey Generating Station	South Carolina	7834	CT3	0	0	0	0
John S. Rainey Generating Station	South Carolina	7834	CT4	0	0	0	0
John S. Rainey Generating Station	South Carolina	7834	CT5	0	0	0	0
McMeekin	South Carolina	3287	MCM1	2,287	2,287	2,287	2,287
McMeekin	South Carolina	3287	MCM2	2,091	2,091	2,091	2,091
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	1	1	1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	1	1	1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	1	1	1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	1	1	1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	1	1	1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	1	1	1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	1	1	1	1
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	1	1	1	1
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3	4	4	4	4
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4	4	4	4	4
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5	4	4	4	4

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Jasper County Generating Facility	South Carolina	55927	CT01				
Jasper County Generating Facility	South Carolina	55927	CT02				
Jasper County Generating Facility	South Carolina	55927	CT03				
Jefferies	South Carolina	3319	1				
Jefferies	South Carolina	3319	2				
Jefferies	South Carolina	3319	3				
Jefferies	South Carolina	3319	4				
John S. Rainey Generating Station	South Carolina	7834	CT1A				
John S. Rainey Generating Station	South Carolina	7834	CT1B				
John S. Rainey Generating Station	South Carolina	7834	CT2A				
John S. Rainey Generating Station	South Carolina	7834	CT2B				
John S. Rainey Generating Station	South Carolina	7834	CT3				
John S. Rainey Generating Station	South Carolina	7834	CT4				
John S. Rainey Generating Station	South Carolina	7834	CT5				
McMeekin	South Carolina	3287	MCM1				
McMeekin	South Carolina	3287	MCM2				
Mill Creek Combustion Turbine Sta	South Carolina	7981	1				
Mill Creek Combustion Turbine Sta	South Carolina	7981	2				
Mill Creek Combustion Turbine Sta	South Carolina	7981	3				
Mill Creek Combustion Turbine Sta	South Carolina	7981	4				
Mill Creek Combustion Turbine Sta	South Carolina	7981	5				
Mill Creek Combustion Turbine Sta	South Carolina	7981	6				
Mill Creek Combustion Turbine Sta	South Carolina	7981	7				
Mill Creek Combustion Turbine Sta	South Carolina	7981	8				
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3				
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4				
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5				

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Jasper County Generating Facility	South Carolina	55927	CT01			2,522,435	2,562,968	3,082,322
Jasper County Generating Facility	South Carolina	55927	CT02			2,692,501	4,059,067	3,229,663
Jasper County Generating Facility	South Carolina	55927	CT03			2,548,911	2,816,919	3,463,746
Jefferies	South Carolina	3319	1			146,759	132,572	61,831
Jefferies	South Carolina	3319	2			140,778	134,114	68,045
Jefferies	South Carolina	3319	3			4,875,003	4,126,430	3,309,444
Jefferies	South Carolina	3319	4			4,799,235	5,012,824	4,283,680
John S. Rainey Generating Station	South Carolina	7834	CT1A			4,003,438	2,299,684	972,955
John S. Rainey Generating Station	South Carolina	7834	CT1B			2,845,378	2,846,836	721,397
John S. Rainey Generating Station	South Carolina	7834	CT2A			1,090,172	976,611	533,736
John S. Rainey Generating Station	South Carolina	7834	CT2B			1,023,378	844,022	508,399
John S. Rainey Generating Station	South Carolina	7834	CT3			307,329	232,056	83,789
John S. Rainey Generating Station	South Carolina	7834	CT4			340,317	253,990	81,366
John S. Rainey Generating Station	South Carolina	7834	CT5			403,407	237,225	79,522
McMeekin	South Carolina	3287	MCM1			4,009,482	3,689,986	3,845,325
McMeekin	South Carolina	3287	MCM2			4,091,525	3,207,455	3,860,772
Mill Creek Combustion Turbine Sta	South Carolina	7981	1			177,244	267,497	26,015
Mill Creek Combustion Turbine Sta	South Carolina	7981	2			187,124	261,750	31,872
Mill Creek Combustion Turbine Sta	South Carolina	7981	3			189,254	268,364	55,958
Mill Creek Combustion Turbine Sta	South Carolina	7981	4			183,900	250,575	54,495
Mill Creek Combustion Turbine Sta	South Carolina	7981	5			173,567	237,647	64,455
Mill Creek Combustion Turbine Sta	South Carolina	7981	6			182,049	230,380	70,677
Mill Creek Combustion Turbine Sta	South Carolina	7981	7			169,113	215,607	69,298
Mill Creek Combustion Turbine Sta	South Carolina	7981	8			162,787	224,242	73,990
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3			31,078	10,246	526
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4			30,732	8,650	698
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5				9,795	1,198

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Jasper County Generating Facility	South Carolina	55927	CT01	5,406,259	5,850,774	4,779,785	263,453,966	0.018143
Jasper County Generating Facility	South Carolina	55927	CT02	4,846,841	5,291,194	4,732,367	263,453,966	0.017963
Jasper County Generating Facility	South Carolina	55927	CT03	5,217,877	5,272,407	4,651,344	263,453,966	0.017655
Jefferies	South Carolina	3319	1	15,305	10,506	113,720	263,453,966	0.000432
Jefferies	South Carolina	3319	2	15,664	58,682	114,312	263,453,966	0.000434
Jefferies	South Carolina	3319	3	249,415	2,235,939	4,103,625	263,453,966	0.015576
Jefferies	South Carolina	3319	4		1,579,416	4,698,580	263,453,966	0.017835
John S. Rainey Generating Station	South Carolina	7834	CT1A	4,501,516	4,261,112	4,255,355	263,453,966	0.016152
John S. Rainey Generating Station	South Carolina	7834	CT1B	4,936,877	4,307,338	4,030,350	263,453,966	0.015298
John S. Rainey Generating Station	South Carolina	7834	CT2A	1,133,931	893,684	1,066,905	263,453,966	0.004050
John S. Rainey Generating Station	South Carolina	7834	CT2B	1,073,561	831,954	980,320	263,453,966	0.003721
John S. Rainey Generating Station	South Carolina	7834	CT3	174,276	172,295	237,887	263,453,966	0.000903
John S. Rainey Generating Station	South Carolina	7834	CT4	165,761	148,687	253,356	263,453,966	0.000962
John S. Rainey Generating Station	South Carolina	7834	CT5	163,272	176,147	272,260	263,453,966	0.001033
McMeekin	South Carolina	3287	MCM1	2,078,101	3,155,227	3,848,264	263,453,966	0.014607
McMeekin	South Carolina	3287	MCM2	1,857,205	2,907,587	3,719,917	263,453,966	0.014120
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	6,842	147,993	197,578	263,453,966	0.000750
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	5,843	141,473	196,782	263,453,966	0.000747
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	6,192	152,400	203,339	263,453,966	0.000772
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	6,563	146,721	193,732	263,453,966	0.000735
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	6,138	138,972	183,395	263,453,966	0.000696
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	6,280	137,413	183,281	263,453,966	0.000696
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	111	129,735	171,485	263,453,966	0.000651
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	121	128,137	171,722	263,453,966	0.000652
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3	2,816	11,760	17,695	263,453,966	0.000067
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4	2,438	9,416	16,266	263,453,966	0.000062
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5	1,929	13,760	8,495	263,453,966	0.000032

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Jasper County Generating Facility	South Carolina	55927	CT01	13,631	13,631	247	247		19
Jasper County Generating Facility	South Carolina	55927	CT02	13,631	13,631	245	245		23
Jasper County Generating Facility	South Carolina	55927	CT03	13,631	13,631	241	241		19
Jefferies	South Carolina	3319	1	13,631	13,631	6	6	5	11
Jefferies	South Carolina	3319	2	13,631	13,631	6	6	4	12
Jefferies	South Carolina	3319	3	13,631	13,631	212	212	1,067	879
Jefferies	South Carolina	3319	4	13,631	13,631	243	243	1,431	1,112
John S. Rainey Generating Station	South Carolina	7834	CT1A	13,631	13,631	220	220	31	26
John S. Rainey Generating Station	South Carolina	7834	CT1B	13,631	13,631	209	209	41	40
John S. Rainey Generating Station	South Carolina	7834	CT2A	13,631	13,631	55	55	4	12
John S. Rainey Generating Station	South Carolina	7834	CT2B	13,631	13,631	51	51	5	11
John S. Rainey Generating Station	South Carolina	7834	CT3	13,631	13,631	12	12		5
John S. Rainey Generating Station	South Carolina	7834	CT4	13,631	13,631	13	13		3
John S. Rainey Generating Station	South Carolina	7834	CT5	13,631	13,631	14	14		3
McMeekin	South Carolina	3287	MCM1	13,631	13,631	199	199	754	764
McMeekin	South Carolina	3287	MCM2	13,631	13,631	192	192	879	738
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	13,631	13,631	10	10	2	2
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	13,631	13,631	10	10	1	2
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	13,631	13,631	11	11	0	2
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	13,631	13,631	10	10	0	2
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	13,631	13,631	9	9	0	2
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	13,631	13,631	9	9	0	2
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	13,631	13,631	9	9	0	2
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	13,631	13,631	9	9	1	2
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3	13,631	13,631	1	1	1	2
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4	13,631	13,631	1	1	1	2
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5	13,631	13,631	0	0	1	3

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Jasper County Generating Facility	South Carolina	55927	CT01	18	14	17	18	27	23
Jasper County Generating Facility	South Carolina	55927	CT02	20	19	23	21	22	21
Jasper County Generating Facility	South Carolina	55927	CT03	21	16	19	19	22	22
Jefferies	South Carolina	3319	1	47	14	12	7	1	1
Jefferies	South Carolina	3319	2	59	16	14	8	1	7
Jefferies	South Carolina	3319	3	1,184	1,138	974	785	55	550
Jefferies	South Carolina	3319	4	1,194	1,056	1,198	996		369
John S. Rainey Generating Station	South Carolina	7834	CT1A	17	17	10	5	19	15
John S. Rainey Generating Station	South Carolina	7834	CT1B	18	15	12	5	20	14
John S. Rainey Generating Station	South Carolina	7834	CT2A	19	13	12	9	16	14
John S. Rainey Generating Station	South Carolina	7834	CT2B	17	15	15	7	15	12
John S. Rainey Generating Station	South Carolina	7834	CT3	5	5	4	1	3	3
John S. Rainey Generating Station	South Carolina	7834	CT4	4	5	4	1	3	2
John S. Rainey Generating Station	South Carolina	7834	CT5	6	6	4	1	3	3
McMeekin	South Carolina	3287	MCM1	572	646	507	559	385	470
McMeekin	South Carolina	3287	MCM2	601	587	449	491	344	435
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	2	3	4	0	0	3
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	2	3	3	0	0	2
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	1	3	5	1	0	3
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	2	3	4	1	0	2
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	1	2	3	1	0	2
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	2	3	4	1	0	2
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	1	2	3	1	0	2
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	1	2	3	1	0	2
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3	12	19	6	0	2	7
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4	12	18	5	0	1	6
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5	18		6	1	1	8

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Jasper County Generating Facility	South Carolina	55927	CT01	27					
Jasper County Generating Facility	South Carolina	55927	CT02	23					
Jasper County Generating Facility	South Carolina	55927	CT03	22					
Jefferies	South Carolina	3319	1	47					
Jefferies	South Carolina	3319	2	59					
Jefferies	South Carolina	3319	3	1,184					
Jefferies	South Carolina	3319	4	1,431					
John S. Rainey Generating Station	South Carolina	7834	CT1A	31					
John S. Rainey Generating Station	South Carolina	7834	CT1B	41					
John S. Rainey Generating Station	South Carolina	7834	CT2A	19					
John S. Rainey Generating Station	South Carolina	7834	CT2B	17					
John S. Rainey Generating Station	South Carolina	7834	CT3	5					
John S. Rainey Generating Station	South Carolina	7834	CT4	5					
John S. Rainey Generating Station	South Carolina	7834	CT5	6					
McMeekin	South Carolina	3287	MCM1	764					
McMeekin	South Carolina	3287	MCM2	879					
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	4					
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	3					
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	5					
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	4					
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	3					
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	4					
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	3					
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	3					
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3	19					
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4	18					
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5	18					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Jasper County Generating Facility	South Carolina	55927	CT01				
Jasper County Generating Facility	South Carolina	55927	CT02				
Jasper County Generating Facility	South Carolina	55927	CT03				
Jefferies	South Carolina	3319	1				
Jefferies	South Carolina	3319	2				
Jefferies	South Carolina	3319	3				
Jefferies	South Carolina	3319	4				
John S. Rainey Generating Station	South Carolina	7834	CT1A				
John S. Rainey Generating Station	South Carolina	7834	CT1B				
John S. Rainey Generating Station	South Carolina	7834	CT2A				
John S. Rainey Generating Station	South Carolina	7834	CT2B				
John S. Rainey Generating Station	South Carolina	7834	CT3				
John S. Rainey Generating Station	South Carolina	7834	CT4				
John S. Rainey Generating Station	South Carolina	7834	CT5				
McMeekin	South Carolina	3287	MCM1				
McMeekin	South Carolina	3287	MCM2				
Mill Creek Combustion Turbine Sta	South Carolina	7981	1				
Mill Creek Combustion Turbine Sta	South Carolina	7981	2				
Mill Creek Combustion Turbine Sta	South Carolina	7981	3				
Mill Creek Combustion Turbine Sta	South Carolina	7981	4				
Mill Creek Combustion Turbine Sta	South Carolina	7981	5				
Mill Creek Combustion Turbine Sta	South Carolina	7981	6				
Mill Creek Combustion Turbine Sta	South Carolina	7981	7				
Mill Creek Combustion Turbine Sta	South Carolina	7981	8				
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3				
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4				
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Jasper County Generating Facility	South Carolina	55927	CT01				
Jasper County Generating Facility	South Carolina	55927	CT02				
Jasper County Generating Facility	South Carolina	55927	CT03				
Jefferies	South Carolina	3319	1				
Jefferies	South Carolina	3319	2				
Jefferies	South Carolina	3319	3				
Jefferies	South Carolina	3319	4				
John S. Rainey Generating Station	South Carolina	7834	CT1A				
John S. Rainey Generating Station	South Carolina	7834	CT1B				
John S. Rainey Generating Station	South Carolina	7834	CT2A				
John S. Rainey Generating Station	South Carolina	7834	CT2B				
John S. Rainey Generating Station	South Carolina	7834	CT3				
John S. Rainey Generating Station	South Carolina	7834	CT4				
John S. Rainey Generating Station	South Carolina	7834	CT5				
McMeekin	South Carolina	3287	MCM1				
McMeekin	South Carolina	3287	MCM2				
Mill Creek Combustion Turbine Sta	South Carolina	7981	1				
Mill Creek Combustion Turbine Sta	South Carolina	7981	2				
Mill Creek Combustion Turbine Sta	South Carolina	7981	3				
Mill Creek Combustion Turbine Sta	South Carolina	7981	4				
Mill Creek Combustion Turbine Sta	South Carolina	7981	5				
Mill Creek Combustion Turbine Sta	South Carolina	7981	6				
Mill Creek Combustion Turbine Sta	South Carolina	7981	7				
Mill Creek Combustion Turbine Sta	South Carolina	7981	8				
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3				
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4				
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5				

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Jasper County Generating Facility	South Carolina	55927	CT01	Y		Y	Y		
Jasper County Generating Facility	South Carolina	55927	CT02	Y		Y	Y		
Jasper County Generating Facility	South Carolina	55927	CT03	Y		Y	Y		
Jefferies	South Carolina	3319	1	Y		Y	Y		
Jefferies	South Carolina	3319	2	Y		Y	Y		
Jefferies	South Carolina	3319	3	Y		Y	Y		
Jefferies	South Carolina	3319	4	Y		Y	Y		
John S. Rainey Generating Station	South Carolina	7834	CT1A	Y		Y	Y		
John S. Rainey Generating Station	South Carolina	7834	CT1B	Y		Y	Y		
John S. Rainey Generating Station	South Carolina	7834	CT2A	Y		Y	Y		
John S. Rainey Generating Station	South Carolina	7834	CT2B	Y		Y	Y		
John S. Rainey Generating Station	South Carolina	7834	CT3	Y		Y	Y		
John S. Rainey Generating Station	South Carolina	7834	CT4	Y		Y	Y		
John S. Rainey Generating Station	South Carolina	7834	CT5	Y		Y	Y		
McMeekin	South Carolina	3287	MCM1	Y		Y	Y		
McMeekin	South Carolina	3287	MCM2	Y		Y	Y		
Mill Creek Combustion Turbine Sta	South Carolina	7981	1	Y		Y	Y		
Mill Creek Combustion Turbine Sta	South Carolina	7981	2	Y		Y	Y		
Mill Creek Combustion Turbine Sta	South Carolina	7981	3	Y		Y	Y		
Mill Creek Combustion Turbine Sta	South Carolina	7981	4	Y		Y	Y		
Mill Creek Combustion Turbine Sta	South Carolina	7981	5	Y		Y	Y		
Mill Creek Combustion Turbine Sta	South Carolina	7981	6	Y		Y	Y		
Mill Creek Combustion Turbine Sta	South Carolina	7981	7	Y		Y	Y		
Mill Creek Combustion Turbine Sta	South Carolina	7981	8	Y		Y	Y		
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT3	Y		Y	Y		
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT4	Y		Y	Y		
Myrtle Beach Gas Turbine Site	South Carolina	3320	CT5	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Urquhart	South Carolina	3295	URQ3	2230	7,077,972	7,500,701	6,327,421	4,236,033	4,742,252
Urquhart	South Carolina	3295	URQ4	2231	169,926	197,122	159,501	349,649	287,793
Urquhart	South Carolina	3295	URQ5	8330	2,940,392	3,702,156	3,282,328	8,503,029	6,984,255
Urquhart	South Carolina	3295	URQ6	8332	2,567,690	3,458,788	3,170,172	8,957,719	6,460,933
W S Lee	South Carolina	3264	1	2216	3,146,584	3,395,008	4,032,940	772,146	2,852,625
W S Lee	South Carolina	3264	2	2217	3,298,670	4,322,467	4,834,204	819,914	2,815,520
W S Lee	South Carolina	3264	3	2218	7,049,954	8,225,880	4,611,928	2,968,939	5,916,523
W S Lee	South Carolina	3264	7C	89636	72,713	170,897	126,265	19,525	43,738
W S Lee	South Carolina	3264	8C	89637	68,176	166,152	124,831	19,971	96,506
Wateree	South Carolina	3297	WAT1	2232	23,433,796	18,992,557	21,913,743	14,149,019	21,064,731
Wateree	South Carolina	3297	WAT2	2233	17,239,691	19,842,264	21,899,718	18,079,711	20,202,204
Williams	South Carolina	3298	WIL1	2234	45,684,169	33,986,641	34,997,031	33,792,144	32,926,098
Williams	South Carolina	3298	WIL4	88279	10,250	50,544	19,161	2,811	8,390
Williams	South Carolina	3298	WIL5	88280		57,273	16,813	2,750	17,417
Winyah	South Carolina	6249	1	2867	20,276,055	20,219,646	18,714,899	17,849,899	15,305,312
Winyah	South Carolina	6249	2	2868	23,042,638	20,757,250	18,694,842	14,881,249	15,966,538
Winyah	South Carolina	6249	3	2869	20,202,750	23,257,682	19,043,242	12,738,150	16,523,827
Winyah	South Carolina	6249	4	2870	24,230,325	19,669,791	21,495,909	19,227,230	18,538,946
AES Deepwater, Inc.	Texas	10670	01001	88080	15,131,071	11,932,504	11,541,924	14,177,806	6,251,510
Air Products Port Arthur	Texas	55309	GEN1			2,827,029	3,058,770	3,368,998	
Air Products Port Arthur	Texas	55309	GEN4			6,872,604	7,435,975	8,190,151	
Alex Ty Cooke Generating Station	Texas	3602	1	2471	604,028	679,591	707,637	512,240	978,918
Alex Ty Cooke Generating Station	Texas	3602	2	2472	789,503	707,875	633,447	497,259	886,299
Barney M. Davis	Texas	4939	1	2658	3,861,536	1,815,633	4,749,542	3,199,412	660,763
Barney M. Davis	Texas	4939	3	90244					7,642,927
Barney M. Davis	Texas	4939	4	90245					6,876,385
Bastrop Clean Energy Center	Texas	55168	CTG-1A	4046	7,686,109	8,598,248	8,042,572	8,801,960	5,806,659

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Urquhart	South Carolina	3295	URQ3	6,968,698	550,010,027	0.012670	94,700	94,700
Urquhart	South Carolina	3295	URQ4	278,188	550,010,027	0.000506	94,700	94,700
Urquhart	South Carolina	3295	URQ5	6,396,480	550,010,027	0.011630	94,700	94,700
Urquhart	South Carolina	3295	URQ6	6,292,480	550,010,027	0.011441	94,700	94,700
W S Lee	South Carolina	3264	1	3,524,844	550,010,027	0.006409	94,700	94,700
W S Lee	South Carolina	3264	2	4,151,780	550,010,027	0.007549	94,700	94,700
W S Lee	South Carolina	3264	3	7,064,119	550,010,027	0.012844	94,700	94,700
W S Lee	South Carolina	3264	7C	123,292	550,010,027	0.000224	94,700	94,700
W S Lee	South Carolina	3264	8C	129,163	550,010,027	0.000235	94,700	94,700
Wateree	South Carolina	3297	WAT1	22,137,424	550,010,027	0.040249	94,700	94,700
Wateree	South Carolina	3297	WAT2	20,648,062	550,010,027	0.037541	94,700	94,700
Williams	South Carolina	3298	WIL1	38,222,614	550,010,027	0.069494	94,700	94,700
Williams	South Carolina	3298	WIL4	26,652	550,010,027	0.000048	94,700	94,700
Williams	South Carolina	3298	WIL5	30,501	550,010,027	0.000055	94,700	94,700
Winyah	South Carolina	6249	1	19,736,867	550,010,027	0.035885	94,700	94,700
Winyah	South Carolina	6249	2	20,831,577	550,010,027	0.037875	94,700	94,700
Winyah	South Carolina	6249	3	20,834,558	550,010,027	0.037880	94,700	94,700
Winyah	South Carolina	6249	4	21,798,675	550,010,027	0.039633	94,700	94,700
AES Deepwater, Inc.	Texas	10670	01001	13,747,127	3,511,906,933	0.003914	279,747	279,747
Air Products Port Arthur	Texas	55309	GEN1	3,084,932	3,511,906,933	0.000878	279,747	279,747
Air Products Port Arthur	Texas	55309	GEN4	7,499,577	3,511,906,933	0.002135	279,747	279,747
Alex Ty Cooke Generating Station	Texas	3602	1	788,716	3,511,906,933	0.000225	279,747	279,747
Alex Ty Cooke Generating Station	Texas	3602	2	794,559	3,511,906,933	0.000226	279,747	279,747
Barney M. Davis	Texas	4939	1	3,936,830	3,511,906,933	0.001121	279,747	279,747
Barney M. Davis	Texas	4939	3	7,642,927	3,511,906,933	0.002176	279,747	279,747
Barney M. Davis	Texas	4939	4	6,876,385	3,511,906,933	0.001958	279,747	279,747
Bastrop Clean Energy Center	Texas	55168	CTG-1A	8,480,927	3,511,906,933	0.002415	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Urquhart	South Carolina	3295	URQ3	31,848	31,848	1,200	1,200	404	404
Urquhart	South Carolina	3295	URQ4	31,848	31,848	48	48	16	16
Urquhart	South Carolina	3295	URQ5	31,848	31,848	1,101	1,101	370	370
Urquhart	South Carolina	3295	URQ6	31,848	31,848	1,083	1,083	364	364
W S Lee	South Carolina	3264	1	31,848	31,848	607	607	204	204
W S Lee	South Carolina	3264	2	31,848	31,848	715	715	240	240
W S Lee	South Carolina	3264	3	31,848	31,848	1,216	1,216	409	409
W S Lee	South Carolina	3264	7C	31,848	31,848	21	21	7	7
W S Lee	South Carolina	3264	8C	31,848	31,848	22	22	7	7
Wateree	South Carolina	3297	WAT1	31,848	31,848	3,812	3,812	1,282	1,282
Wateree	South Carolina	3297	WAT2	31,848	31,848	3,555	3,555	1,196	1,196
Williams	South Carolina	3298	WIL1	31,848	31,848	6,581	6,581	2,213	2,213
Williams	South Carolina	3298	WIL4	31,848	31,848	5	5	2	2
Williams	South Carolina	3298	WIL5	31,848	31,848	5	5	2	2
Winyah	South Carolina	6249	1	31,848	31,848	3,398	3,398	1,143	1,143
Winyah	South Carolina	6249	2	31,848	31,848	3,587	3,587	1,206	1,206
Winyah	South Carolina	6249	3	31,848	31,848	3,587	3,587	1,206	1,206
Winyah	South Carolina	6249	4	31,848	31,848	3,753	3,753	1,262	1,262
AES Deepwater, Inc.	Texas	10670	01001	132,193	132,193	1,095	1,095	517	517
Air Products Port Arthur	Texas	55309	GEN1	132,193	132,193	246	246	116	116
Air Products Port Arthur	Texas	55309	GEN4	132,193	132,193	597	597	282	282
Alex Ty Cooke Generating Station	Texas	3602	1	132,193	132,193	63	63	30	30
Alex Ty Cooke Generating Station	Texas	3602	2	132,193	132,193	63	63	30	30
Barney M. Davis	Texas	4939	1	132,193	132,193	314	314	148	148
Barney M. Davis	Texas	4939	3	132,193	132,193	609	609	288	288
Barney M. Davis	Texas	4939	4	132,193	132,193	548	548	259	259
Bastrop Clean Energy Center	Texas	55168	CTG-1A	132,193	132,193	676	676	319	319

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Urquhart	South Carolina	3295	URQ3	6,304	5,764	5,953	6,736	7,168
Urquhart	South Carolina	3295	URQ4	4	0	0	0	0
Urquhart	South Carolina	3295	URQ5	30	10	4	1	2
Urquhart	South Carolina	3295	URQ6	32	4	4	1	1
W S Lee	South Carolina	3264	1	3,187	2,463	2,914	2,193	2,322
W S Lee	South Carolina	3264	2	3,828	2,566	2,487	2,336	2,953
W S Lee	South Carolina	3264	3	6,447	4,872	5,818	4,868	5,667
W S Lee	South Carolina	3264	7C				0	0
W S Lee	South Carolina	3264	8C				0	0
Wateree	South Carolina	3297	WAT1	17,351	21,354	20,183	18,639	15,076
Wateree	South Carolina	3297	WAT2	15,718	18,067	17,591	14,158	15,863
Williams	South Carolina	3298	WIL1	20,008	20,718	28,063	28,147	22,494
Williams	South Carolina	3298	WIL4					
Williams	South Carolina	3298	WIL5					
Winyah	South Carolina	6249	1	18,477	19,985	20,485	21,559	5,796
Winyah	South Carolina	6249	2	9,242	11,037	10,438	11,946	3,983
Winyah	South Carolina	6249	3	4,682	4,024	4,446	4,168	3,677
Winyah	South Carolina	6249	4	2,969	3,672	4,056	5,036	2,232
AES Deepwater, Inc.	Texas	10670	01001	2,084	1,930	1,674	2,188	2,361
Air Products Port Arthur	Texas	55309	GEN1		6	6		5
Air Products Port Arthur	Texas	55309	GEN4					12
Alex Ty Cooke Generating Station	Texas	3602	1	0	0	0	0	0
Alex Ty Cooke Generating Station	Texas	3602	2	0	0	0	0	0
Barney M. Davis	Texas	4939	1	248	0	1	1	1
Barney M. Davis	Texas	4939	3					
Barney M. Davis	Texas	4939	4					
Bastrop Clean Energy Center	Texas	55168	CTG-1A	2	2	2	2	3

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Urquhart	South Carolina	3295	URQ3	5,873	4,166	5,146	7,168		
Urquhart	South Carolina	3295	URQ4	0	0	9	9		
Urquhart	South Carolina	3295	URQ5	1	11	3	30		
Urquhart	South Carolina	3295	URQ6	2	244	2	244		
W S Lee	South Carolina	3264	1	3,052	580	2,041	3,187		
W S Lee	South Carolina	3264	2	3,672	627	2,013	3,828		
W S Lee	South Carolina	3264	3	3,508	2,315	4,232	6,447		
W S Lee	South Carolina	3264	7C	0	0	0	0		
W S Lee	South Carolina	3264	8C	0	0	0	0		
Wateree	South Carolina	3297	WAT1	17,871	12,366	9,362	21,354		
Wateree	South Carolina	3297	WAT2	17,601	15,626	8,877	18,067		
Williams	South Carolina	3298	WIL1	22,923	16,920	947	28,147		
Williams	South Carolina	3298	WIL4		0	0	0		
Williams	South Carolina	3298	WIL5		0	0	0		
Winyah	South Carolina	6249	1	494	422	262	21,559		
Winyah	South Carolina	6249	2	687	415	575	11,946		
Winyah	South Carolina	6249	3	2,905	1,934	2,342	4,682		
Winyah	South Carolina	6249	4	1,715	1,988	1,819	5,036		
AES Deepwater, Inc.	Texas	10670	01001	3,217	4,416	2,007	4,416		
Air Products Port Arthur	Texas	55309	GEN1				6		
Air Products Port Arthur	Texas	55309	GEN4				12		
Alex Ty Cooke Generating Station	Texas	3602	1	0	0	0	0		
Alex Ty Cooke Generating Station	Texas	3602	2	0	0	0	0		
Barney M. Davis	Texas	4939	1	1	1	0	248		
Barney M. Davis	Texas	4939	3			2	2		
Barney M. Davis	Texas	4939	4			2	2		
Bastrop Clean Energy Center	Texas	55168	CTG-1A	2	3	2	3		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Urquhart	South Carolina	3295	URQ3					1,212	1,079
Urquhart	South Carolina	3295	URQ4					13	5
Urquhart	South Carolina	3295	URQ5					58	41
Urquhart	South Carolina	3295	URQ6					67	32
W S Lee	South Carolina	3264	1					783	610
W S Lee	South Carolina	3264	2					970	603
W S Lee	South Carolina	3264	3					894	637
W S Lee	South Carolina	3264	7C						
W S Lee	South Carolina	3264	8C						
Wateree	South Carolina	3297	WAT1					3,496	4,251
Wateree	South Carolina	3297	WAT2					4,292	2,935
Williams	South Carolina	3298	WIL1					8,073	5,557
Williams	South Carolina	3298	WIL4						2
Williams	South Carolina	3298	WIL5						
Winyah	South Carolina	6249	1					4,719	2,022
Winyah	South Carolina	6249	2					4,990	3,126
Winyah	South Carolina	6249	3					6,242	5,329
Winyah	South Carolina	6249	4					5,696	6,360
AES Deepwater, Inc.	Texas	10670	01001					1,883	4,370
Air Products Port Arthur	Texas	55309	GEN1						104
Air Products Port Arthur	Texas	55309	GEN4						
Alex Ty Cooke Generating Station	Texas	3602	1					46	29
Alex Ty Cooke Generating Station	Texas	3602	2					44	27
Barney M. Davis	Texas	4939	1					814	115
Barney M. Davis	Texas	4939	3						
Barney M. Davis	Texas	4939	4						
Bastrop Clean Energy Center	Texas	55168	CTG-1A					96	97

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Urquhart	South Carolina	3295	URQ3	890	990	952	817	693
Urquhart	South Carolina	3295	URQ4	6	9	10	8	18
Urquhart	South Carolina	3295	URQ5	35	55	74	59	124
Urquhart	South Carolina	3295	URQ6	37	49	70	64	145
W S Lee	South Carolina	3264	1	828	448	421	506	91
W S Lee	South Carolina	3264	2	684	404	517	592	100
W S Lee	South Carolina	3264	3	892	869	957	556	356
W S Lee	South Carolina	3264	7C		8	12	7	1
W S Lee	South Carolina	3264	8C		8	13	7	1
Wateree	South Carolina	3297	WAT1	3,838	3,927	2,927	3,186	628
Wateree	South Carolina	3297	WAT2	2,852	1,894	2,351	3,037	753
Williams	South Carolina	3298	WIL1	6,849	6,863	5,511	5,560	1,698
Williams	South Carolina	3298	WIL4	4	4	18	7	1
Williams	South Carolina	3298	WIL5			20	6	1
Winyah	South Carolina	6249	1	796	928	919	839	789
Winyah	South Carolina	6249	2	881	1,140	1,088	1,005	797
Winyah	South Carolina	6249	3	2,675	1,249	1,501	1,162	625
Winyah	South Carolina	6249	4	2,918	1,377	1,156	1,268	1,043
AES Deepwater, Inc.	Texas	10670	01001	3,781	4,053	1,650	451	267
Air Products Port Arthur	Texas	55309	GEN1	98		78		
Air Products Port Arthur	Texas	55309	GEN4			189		
Alex Ty Cooke Generating Station	Texas	3602	1	69	51	57	55	37
Alex Ty Cooke Generating Station	Texas	3602	2	40	67	59	51	38
Barney M. Davis	Texas	4939	1	343	320	198	421	332
Barney M. Davis	Texas	4939	3					
Barney M. Davis	Texas	4939	4					
Bastrop Clean Energy Center	Texas	55168	CTG-1A	117	133	151	128	152

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Urquhart	South Carolina	3295	URQ3	699	1,212				
Urquhart	South Carolina	3295	URQ4	16	18				
Urquhart	South Carolina	3295	URQ5	114	124				
Urquhart	South Carolina	3295	URQ6	104	145				
W S Lee	South Carolina	3264	1	341	828				
W S Lee	South Carolina	3264	2	343	970				
W S Lee	South Carolina	3264	3	688	957				
W S Lee	South Carolina	3264	7C	3	12				
W S Lee	South Carolina	3264	8C	5	13				
Wateree	South Carolina	3297	WAT1	1,037	4,251				
Wateree	South Carolina	3297	WAT2	947	4,292				
Williams	South Carolina	3298	WIL1	2,023	8,073				
Williams	South Carolina	3298	WIL4	3	18				
Williams	South Carolina	3298	WIL5	6	20				
Winyah	South Carolina	6249	1	650	4,719				
Winyah	South Carolina	6249	2	849	4,990				
Winyah	South Carolina	6249	3	852	6,242				
Winyah	South Carolina	6249	4	1,035	6,360				
AES Deepwater, Inc.	Texas	10670	01001	137	4,370				
Air Products Port Arthur	Texas	55309	GEN1		104				
Air Products Port Arthur	Texas	55309	GEN4		189				
Alex Ty Cooke Generating Station	Texas	3602	1	69	69				
Alex Ty Cooke Generating Station	Texas	3602	2	71	71				
Barney M. Davis	Texas	4939	1	48	814				
Barney M. Davis	Texas	4939	3	54	54				
Barney M. Davis	Texas	4939	4	44	44				
Bastrop Clean Energy Center	Texas	55168	CTG-1A	100	152				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Urquhart	South Carolina	3295	URQ3			1,942	1,942
Urquhart	South Carolina	3295	URQ4			9	9
Urquhart	South Carolina	3295	URQ5			30	30
Urquhart	South Carolina	3295	URQ6			244	244
W S Lee	South Carolina	3264	1			982	982
W S Lee	South Carolina	3264	2			1,157	1,157
W S Lee	South Carolina	3264	3			1,968	1,968
W S Lee	South Carolina	3264	7C			0	0
W S Lee	South Carolina	3264	8C			0	0
Wateree	South Carolina	3297	WAT1			6,168	6,168
Wateree	South Carolina	3297	WAT2			5,753	5,753
Williams	South Carolina	3298	WIL1			10,650	10,650
Williams	South Carolina	3298	WIL4			0	0
Williams	South Carolina	3298	WIL5			0	0
Winyah	South Carolina	6249	1			5,499	5,499
Winyah	South Carolina	6249	2			5,804	5,804
Winyah	South Carolina	6249	3			4,682	4,682
Winyah	South Carolina	6249	4			5,036	5,036
AES Deepwater, Inc.	Texas	10670	01001				
Air Products Port Arthur	Texas	55309	GEN1				
Air Products Port Arthur	Texas	55309	GEN4				
Alex Ty Cooke Generating Station	Texas	3602	1				
Alex Ty Cooke Generating Station	Texas	3602	2				
Barney M. Davis	Texas	4939	1				
Barney M. Davis	Texas	4939	3				
Barney M. Davis	Texas	4939	4				
Bastrop Clean Energy Center	Texas	55168	CTG-1A				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Urquhart	South Carolina	3295	URQ3	1,942	1,942	1,942	1,942
Urquhart	South Carolina	3295	URQ4	9	9	9	9
Urquhart	South Carolina	3295	URQ5	30	30	30	30
Urquhart	South Carolina	3295	URQ6	244	244	244	244
W S Lee	South Carolina	3264	1	982	982	982	982
W S Lee	South Carolina	3264	2	1,157	1,157	1,157	1,157
W S Lee	South Carolina	3264	3	1,968	1,968	1,968	1,968
W S Lee	South Carolina	3264	7C	0	0	0	0
W S Lee	South Carolina	3264	8C	0	0	0	0
Wateree	South Carolina	3297	WAT1	6,168	6,168	6,168	6,168
Wateree	South Carolina	3297	WAT2	5,753	5,753	5,753	5,753
Williams	South Carolina	3298	WIL1	10,650	10,650	10,650	10,650
Williams	South Carolina	3298	WIL4	0	0	0	0
Williams	South Carolina	3298	WIL5	0	0	0	0
Winyah	South Carolina	6249	1	5,499	5,499	5,499	5,499
Winyah	South Carolina	6249	2	5,804	5,804	5,804	5,804
Winyah	South Carolina	6249	3	4,682	4,682	4,682	4,682
Winyah	South Carolina	6249	4	5,036	5,036	5,036	5,036
AES Deepwater, Inc.	Texas	10670	01001				
Air Products Port Arthur	Texas	55309	GEN1				
Air Products Port Arthur	Texas	55309	GEN4				
Alex Ty Cooke Generating Station	Texas	3602	1				
Alex Ty Cooke Generating Station	Texas	3602	2				
Barney M. Davis	Texas	4939	1				
Barney M. Davis	Texas	4939	3				
Barney M. Davis	Texas	4939	4				
Bastrop Clean Energy Center	Texas	55168	CTG-1A				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Urquhart	South Carolina	3295	URQ3				
Urquhart	South Carolina	3295	URQ4				
Urquhart	South Carolina	3295	URQ5				
Urquhart	South Carolina	3295	URQ6				
W S Lee	South Carolina	3264	1				
W S Lee	South Carolina	3264	2				
W S Lee	South Carolina	3264	3				
W S Lee	South Carolina	3264	7C				
W S Lee	South Carolina	3264	8C				
Wateree	South Carolina	3297	WAT1				
Wateree	South Carolina	3297	WAT2				
Williams	South Carolina	3298	WIL1				
Williams	South Carolina	3298	WIL4				
Williams	South Carolina	3298	WIL5				
Winyah	South Carolina	6249	1				
Winyah	South Carolina	6249	2				
Winyah	South Carolina	6249	3				
Winyah	South Carolina	6249	4				
AES Deepwater, Inc.	Texas	10670	01001	727	727	727	727
Air Products Port Arthur	Texas	55309	GEN1	104	104	104	104
Air Products Port Arthur	Texas	55309	GEN4	189	189	189	189
Alex Ty Cooke Generating Station	Texas	3602	1	42	42	42	42
Alex Ty Cooke Generating Station	Texas	3602	2	42	42	42	42
Barney M. Davis	Texas	4939	1	208	208	208	208
Barney M. Davis	Texas	4939	3	54	54	54	54
Barney M. Davis	Texas	4939	4	44	44	44	44
Bastrop Clean Energy Center	Texas	55168	CTG-1A	152	152	152	152

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)			
Urquhart	South Carolina	3295	URQ3			3,123,779	3,197,582	2,963,461
Urquhart	South Carolina	3295	URQ4			131,000	167,861	102,325
Urquhart	South Carolina	3295	URQ5			1,943,931	1,911,711	1,920,200
Urquhart	South Carolina	3295	URQ6			1,850,186	1,827,732	1,987,776
W S Lee	South Carolina	3264	1			1,319,495	1,341,710	2,198,126
W S Lee	South Carolina	3264	2			1,601,598	1,930,729	2,469,438
W S Lee	South Carolina	3264	3			2,710,083	3,650,960	541,378
W S Lee	South Carolina	3264	7C			36,288	143,142	107,107
W S Lee	South Carolina	3264	8C			36,018	138,481	103,934
Wateree	South Carolina	3297	WAT1			9,340,817	8,148,532	10,212,423
Wateree	South Carolina	3297	WAT2			9,742,832	9,550,081	9,813,979
Williams	South Carolina	3298	WIL1			21,498,780	17,918,937	18,897,217
Williams	South Carolina	3298	WIL4			10,250	50,544	13,025
Williams	South Carolina	3298	WIL5				57,273	11,343
Winyah	South Carolina	6249	1			8,685,135	8,775,405	9,016,660
Winyah	South Carolina	6249	2			9,794,507	7,858,655	8,409,564
Winyah	South Carolina	6249	3			7,246,845	9,608,598	7,425,186
Winyah	South Carolina	6249	4			10,808,663	9,908,606	8,844,046
AES Deepwater, Inc.	Texas	10670	01001	727	727	6,965,873	5,532,382	5,856,848
Air Products Port Arthur	Texas	55309	GEN1	104	104		1,379,654	1,597,776
Air Products Port Arthur	Texas	55309	GEN4	189	189		3,353,986	3,884,249
Alex Ty Cooke Generating Station	Texas	3602	1	42	42	469,304	527,942	652,315
Alex Ty Cooke Generating Station	Texas	3602	2	42	42	643,351	477,693	539,205
Barney M. Davis	Texas	4939	1	208	208	3,126,494	1,554,214	3,308,707
Barney M. Davis	Texas	4939	3	54	54			
Barney M. Davis	Texas	4939	4	44	44			
Bastrop Clean Energy Center	Texas	55168	CTG-1A	152	152	3,893,727	3,990,958	4,169,883

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Urquhart	South Carolina	3295	URQ3	2,027,194	2,614,251	3,094,941	263,453,966	0.011748
Urquhart	South Carolina	3295	URQ4	233,525	160,920	187,435	263,453,966	0.000711
Urquhart	South Carolina	3295	URQ5	4,416,952	4,241,693	3,534,192	263,453,966	0.013415
Urquhart	South Carolina	3295	URQ6	4,635,433	4,300,229	3,641,146	263,453,966	0.013821
W S Lee	South Carolina	3264	1	404,011	1,939,857	1,826,565	263,453,966	0.006933
W S Lee	South Carolina	3264	2	455,963	1,887,997	2,096,055	263,453,966	0.007956
W S Lee	South Carolina	3264	3	1,478,646	3,460,690	3,273,911	263,453,966	0.012427
W S Lee	South Carolina	3264	7C	2,849	22,169	95,513	263,453,966	0.000363
W S Lee	South Carolina	3264	8C	4,424	65,560	102,658	263,453,966	0.000390
Wateree	South Carolina	3297	WAT1	8,389,953	9,787,027	9,780,089	263,453,966	0.037123
Wateree	South Carolina	3297	WAT2	7,377,974	8,173,951	9,702,297	263,453,966	0.036827
Williams	South Carolina	3298	WIL1	14,135,177	14,002,107	19,438,311	263,453,966	0.073783
Williams	South Carolina	3298	WIL4	1,726	4,403	24,606	263,453,966	0.000093
Williams	South Carolina	3298	WIL5	1,664	10,865	26,493	263,453,966	0.000101
Winyah	South Carolina	6249	1	6,783,917	6,857,544	8,825,733	263,453,966	0.033500
Winyah	South Carolina	6249	2	5,336,127	7,774,101	8,687,575	263,453,966	0.032976
Winyah	South Carolina	6249	3	3,852,929	8,968,089	8,667,291	263,453,966	0.032899
Winyah	South Carolina	6249	4	8,766,858	7,994,318	9,853,771	263,453,966	0.037402
AES Deepwater, Inc.	Texas	10670	01001	6,231,599	4,029,324	6,351,440	1,726,255,329	0.003679
Air Products Port Arthur	Texas	55309	GEN1	2,154,136		1,710,522	1,726,255,329	0.000991
Air Products Port Arthur	Texas	55309	GEN4	5,236,780		4,158,338	1,726,255,329	0.002409
Alex Ty Cooke Generating Station	Texas	3602	1	406,337	719,526	633,261	1,726,255,329	0.000367
Alex Ty Cooke Generating Station	Texas	3602	2	452,335	737,592	640,049	1,726,255,329	0.000371
Barney M. Davis	Texas	4939	1	2,865,913	651,813	3,100,371	1,726,255,329	0.001796
Barney M. Davis	Texas	4939	3		4,355,946	4,355,946	1,726,255,329	0.002523
Barney M. Davis	Texas	4939	4		3,599,141	3,599,141	1,726,255,329	0.002085
Bastrop Clean Energy Center	Texas	55168	CTG-1A	5,162,338	3,195,317	4,441,060	1,726,255,329	0.002573

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Urquhart	South Carolina	3295	URQ3	13,631	13,631	160	160	515	468
Urquhart	South Carolina	3295	URQ4	13,631	13,631	10	10	5	3
Urquhart	South Carolina	3295	URQ5	13,631	13,631	183	183	23	11
Urquhart	South Carolina	3295	URQ6	13,631	13,631	188	188	19	10
W S Lee	South Carolina	3264	1	13,631	13,631	95	95	298	316
W S Lee	South Carolina	3264	2	13,631	13,631	108	108	397	340
W S Lee	South Carolina	3264	3	13,631	13,631	169	169	331	321
W S Lee	South Carolina	3264	7C	13,631	13,631	5	5		
W S Lee	South Carolina	3264	8C	13,631	13,631	5	5		
Wateree	South Carolina	3297	WAT1	13,631	13,631	506	506	1,007	828
Wateree	South Carolina	3297	WAT2	13,631	13,631	502	502	2,124	499
Williams	South Carolina	3298	WIL1	13,631	13,631	1,006	1,006	3,443	1,210
Williams	South Carolina	3298	WIL4	13,631	13,631	1	1		2
Williams	South Carolina	3298	WIL5	13,631	13,631	1	1		
Winyah	South Carolina	6249	1	13,631	13,631	457	457	1,774	656
Winyah	South Carolina	6249	2	13,631	13,631	449	449	2,150	768
Winyah	South Carolina	6249	3	13,631	13,631	448	448	2,355	2,533
Winyah	South Carolina	6249	4	13,631	13,631	510	510	2,472	2,827
AES Deepwater, Inc.	Texas	10670	01001	62,938	62,938	232	232	411	1,868
Air Products Port Arthur	Texas	55309	GEN1	62,938	62,938	62	62		49
Air Products Port Arthur	Texas	55309	GEN4	62,938	62,938	152	152		
Alex Ty Cooke Generating Station	Texas	3602	1	62,938	62,938	23	23	26	29
Alex Ty Cooke Generating Station	Texas	3602	2	62,938	62,938	23	23	23	27
Barney M. Davis	Texas	4939	1	62,938	62,938	113	113	450	27
Barney M. Davis	Texas	4939	3	62,938	62,938	159	159		
Barney M. Davis	Texas	4939	4	62,938	62,938	131	131		
Bastrop Clean Energy Center	Texas	55168	CTG-1A	62,938	62,938	162	162	53	47

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Urquhart	South Carolina	3295	URQ3	390	406	399	361	338	376
Urquhart	South Carolina	3295	URQ4	4	7	8	5	12	8
Urquhart	South Carolina	3295	URQ5	30	33	38	34	58	58
Urquhart	South Carolina	3295	URQ6	25	33	37	39	71	54
W S Lee	South Carolina	3264	1	404	154	142	242	50	225
W S Lee	South Carolina	3264	2	370	176	204	271	55	229
W S Lee	South Carolina	3264	3	411	295	382	60	174	403
W S Lee	South Carolina	3264	7C		6	7	6	0	1
W S Lee	South Carolina	3264	8C		6	8	6	0	3
Wateree	South Carolina	3297	WAT1	447	353	232	406	343	485
Wateree	South Carolina	3297	WAT2	281	254	281	394	288	420
Williams	South Carolina	3298	WIL1	644	891	1,117	1,014	596	804
Williams	South Carolina	3298	WIL4	4	4	18	5	1	2
Williams	South Carolina	3298	WIL5			20	4	1	4
Winyah	South Carolina	6249	1	271	355	407	404	303	279
Winyah	South Carolina	6249	2	304	452	427	458	274	407
Winyah	South Carolina	6249	3	398	445	654	439	176	452
Winyah	South Carolina	6249	4	409	582	591	509	464	442
AES Deepwater, Inc.	Texas	10670	01001	1,554	1,850	680	321	93	95
Air Products Port Arthur	Texas	55309	GEN1	51		38			
Air Products Port Arthur	Texas	55309	GEN4			92			
Alex Ty Cooke Generating Station	Texas	3602	1	65	41	44	50	29	52
Alex Ty Cooke Generating Station	Texas	3602	2	36	54	39	43	35	58
Barney M. Davis	Texas	4939	1	294	272	170	303	303	48
Barney M. Davis	Texas	4939	3						30
Barney M. Davis	Texas	4939	4						23
Bastrop Clean Energy Center	Texas	55168	CTG-1A	61	66	67	61	81	51

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Urquhart	South Carolina	3295	URQ3	515					
Urquhart	South Carolina	3295	URQ4	12					
Urquhart	South Carolina	3295	URQ5	58					
Urquhart	South Carolina	3295	URQ6	71					
W S Lee	South Carolina	3264	1	404					
W S Lee	South Carolina	3264	2	397					
W S Lee	South Carolina	3264	3	411					
W S Lee	South Carolina	3264	7C	7					
W S Lee	South Carolina	3264	8C	8					
Wateree	South Carolina	3297	WAT1	1,007					
Wateree	South Carolina	3297	WAT2	2,124					
Williams	South Carolina	3298	WIL1	3,443					
Williams	South Carolina	3298	WIL4	18					
Williams	South Carolina	3298	WIL5	20					
Winyah	South Carolina	6249	1	1,774					
Winyah	South Carolina	6249	2	2,150					
Winyah	South Carolina	6249	3	2,533					
Winyah	South Carolina	6249	4	2,827					
AES Deepwater, Inc.	Texas	10670	01001	1,868					
Air Products Port Arthur	Texas	55309	GEN1	51					
Air Products Port Arthur	Texas	55309	GEN4	92					
Alex Ty Cooke Generating Station	Texas	3602	1	65					
Alex Ty Cooke Generating Station	Texas	3602	2	58					
Barney M. Davis	Texas	4939	1	450					
Barney M. Davis	Texas	4939	3	30					
Barney M. Davis	Texas	4939	4	23					
Bastrop Clean Energy Center	Texas	55168	CTG-1A	81					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Urquhart	South Carolina	3295	URQ3				
Urquhart	South Carolina	3295	URQ4				
Urquhart	South Carolina	3295	URQ5				
Urquhart	South Carolina	3295	URQ6				
W S Lee	South Carolina	3264	1				
W S Lee	South Carolina	3264	2				
W S Lee	South Carolina	3264	3				
W S Lee	South Carolina	3264	7C				
W S Lee	South Carolina	3264	8C				
Wateree	South Carolina	3297	WAT1				
Wateree	South Carolina	3297	WAT2				
Williams	South Carolina	3298	WIL1				
Williams	South Carolina	3298	WIL4				
Williams	South Carolina	3298	WIL5				
Winyah	South Carolina	6249	1				
Winyah	South Carolina	6249	2				
Winyah	South Carolina	6249	3				
Winyah	South Carolina	6249	4				
AES Deepwater, Inc.	Texas	10670	01001			337	337
Air Products Port Arthur	Texas	55309	GEN1			51	51
Air Products Port Arthur	Texas	55309	GEN4			92	92
Alex Ty Cooke Generating Station	Texas	3602	1			34	34
Alex Ty Cooke Generating Station	Texas	3602	2			34	34
Barney M. Davis	Texas	4939	1			164	164
Barney M. Davis	Texas	4939	3			30	30
Barney M. Davis	Texas	4939	4			23	23
Bastrop Clean Energy Center	Texas	55168	CTG-1A			81	81

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Urquhart	South Carolina	3295	URQ3				
Urquhart	South Carolina	3295	URQ4				
Urquhart	South Carolina	3295	URQ5				
Urquhart	South Carolina	3295	URQ6				
W S Lee	South Carolina	3264	1				
W S Lee	South Carolina	3264	2				
W S Lee	South Carolina	3264	3				
W S Lee	South Carolina	3264	7C				
W S Lee	South Carolina	3264	8C				
Wateree	South Carolina	3297	WAT1				
Wateree	South Carolina	3297	WAT2				
Williams	South Carolina	3298	WIL1				
Williams	South Carolina	3298	WIL4				
Williams	South Carolina	3298	WIL5				
Winyah	South Carolina	6249	1				
Winyah	South Carolina	6249	2				
Winyah	South Carolina	6249	3				
Winyah	South Carolina	6249	4				
AES Deepwater, Inc.	Texas	10670	01001	337	337	337	337
Air Products Port Arthur	Texas	55309	GEN1	51	51	51	51
Air Products Port Arthur	Texas	55309	GEN4	92	92	92	92
Alex Ty Cooke Generating Station	Texas	3602	1	34	34	34	34
Alex Ty Cooke Generating Station	Texas	3602	2	34	34	34	34
Barney M. Davis	Texas	4939	1	164	164	164	164
Barney M. Davis	Texas	4939	3	30	30	30	30
Barney M. Davis	Texas	4939	4	23	23	23	23
Bastrop Clean Energy Center	Texas	55168	CTG-1A	81	81	81	81

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Urquhart	South Carolina	3295	URQ3	Y		Y	Y		
Urquhart	South Carolina	3295	URQ4	Y		Y	Y		
Urquhart	South Carolina	3295	URQ5	Y		Y	Y		
Urquhart	South Carolina	3295	URQ6	Y		Y	Y		
W S Lee	South Carolina	3264	1	Y		Y	Y		
W S Lee	South Carolina	3264	2	Y		Y	Y		
W S Lee	South Carolina	3264	3	Y		Y	Y		
W S Lee	South Carolina	3264	7C	Y		Y	Y		
W S Lee	South Carolina	3264	8C	Y		Y	Y		
Wateree	South Carolina	3297	WAT1	Y		Y	Y		
Wateree	South Carolina	3297	WAT2	Y		Y	Y		
Williams	South Carolina	3298	WIL1	Y		Y	Y		
Williams	South Carolina	3298	WIL4	Y		Y	Y		
Williams	South Carolina	3298	WIL5	Y		Y	Y		
Winyah	South Carolina	6249	1	Y		Y	Y		
Winyah	South Carolina	6249	2	Y		Y	Y		
Winyah	South Carolina	6249	3	Y		Y	Y		
Winyah	South Carolina	6249	4	Y		Y	Y		
AES Deepwater, Inc.	Texas	10670	01001	Y		Y	Y		
Air Products Port Arthur	Texas	55309	GEN1	Y		Y	Y	Y	
Air Products Port Arthur	Texas	55309	GEN4	Y		Y	Y	Y	
Alex Ty Cooke Generating Station	Texas	3602	1	Y		Y	Y		
Alex Ty Cooke Generating Station	Texas	3602	2	Y		Y	Y		
Barney M. Davis	Texas	4939	1	Y		Y	Y		
Barney M. Davis	Texas	4939	3	Y		Y	Y		
Barney M. Davis	Texas	4939	4	Y		Y	Y		
Bastrop Clean Energy Center	Texas	55168	CTG-1A	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Bastrop Clean Energy Center	Texas	55168	CTG-1B	4047	7,977,804	8,834,989	8,591,009	9,313,346	5,808,063
Bayou Cogeneration Plant	Texas	10298	CG801	88563			6,393,266	5,849,716	4,060,256
Bayou Cogeneration Plant	Texas	10298	CG802	88564			5,675,354	6,063,370	6,863,142
Bayou Cogeneration Plant	Texas	10298	CG803	88565			6,265,534	4,834,411	6,709,464
Bayou Cogeneration Plant	Texas	10298	CG804	88566			6,180,665	6,833,369	5,815,029
Baytown Energy Center	Texas	55327	CTG-1	4097	11,833,080	10,496,162	11,606,961	10,039,682	8,609,372
Baytown Energy Center	Texas	55327	CTG-2	4098	10,444,386	12,769,741	8,592,649	9,203,036	11,023,570
Baytown Energy Center	Texas	55327	CTG-3	4099	10,261,193	13,229,712	9,989,805	11,164,936	12,075,084
Big Brown	Texas	3497	1	2423	51,506,066	44,213,446	43,028,654	42,834,120	47,304,348
Big Brown	Texas	3497	2	2424	49,005,100	47,241,287	45,104,331	38,692,298	48,238,106
Blackhawk Station	Texas	55064	001	3849	12,236,549	9,743,806	10,767,963	9,568,286	9,962,606
Blackhawk Station	Texas	55064	002	3850	10,164,699	10,448,693	10,718,951	11,092,019	10,904,309
Bosque County Power Plant	Texas	55172	GT-1	4054	1,336,929	234,753	965,666	849,131	224,068
Bosque County Power Plant	Texas	55172	GT-2	4055	1,268,613	261,831	1,328,855	980,069	191,297
Bosque County Power Plant	Texas	55172	GT-3	4056	8,475,661	6,343,341	7,140,303	7,576,077	4,337,929
Brazos Valley Energy, LP	Texas	55357	CTG1	4543	7,581,391	9,819,847	10,200,619	9,214,507	9,095,570
Brazos Valley Energy, LP	Texas	55357	CTG2	4544	7,966,474	10,576,228	11,595,819	8,517,017	8,898,867
C E Newman	Texas	3574	BW5	2463	164,098	13,075	2,845		
C. R. Wing Cogeneration Plant	Texas	52176	1	89347	2,842,889	3,023,974	1,555,422	1,653,677	773,718
C. R. Wing Cogeneration Plant	Texas	52176	2	89348	2,961,687	2,910,583	1,797,862	1,764,568	767,726
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	3171	7,539,371	6,301,072	9,713,872	7,580,765	7,852,434
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	3172	6,131,758	6,997,169	7,793,122	7,579,595	6,854,779
Cedar Bayou	Texas	3460	CBY1	2343	17,376,923	9,542,230	14,140,835	7,618,852	7,259,075
Cedar Bayou	Texas	3460	CBY2	2344	13,565,304	10,487,301	6,175,296	7,724,438	5,243,300
Cedar Bayou 4	Texas	56806	CBY41	90407				5,263,196	7,432,007
Cedar Bayou 4	Texas	56806	CBY42	90408				5,658,159	8,695,888
Channel Energy Center	Texas	55299	CTG1	4477	15,412,159	14,111,448	12,225,196	12,940,516	9,985,960

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Bastrop Clean Energy Center	Texas	55168	CTG-1B	8,913,115	3,511,906,933	0.002538	279,747	279,747
Bayou Cogeneration Plant	Texas	10298	CG801	5,434,413	3,511,906,933	0.001547	279,747	279,747
Bayou Cogeneration Plant	Texas	10298	CG802	6,200,622	3,511,906,933	0.001766	279,747	279,747
Bayou Cogeneration Plant	Texas	10298	CG803	5,936,470	3,511,906,933	0.001690	279,747	279,747
Bayou Cogeneration Plant	Texas	10298	CG804	6,276,354	3,511,906,933	0.001787	279,747	279,747
Baytown Energy Center	Texas	55327	CTG-1	11,312,068	3,511,906,933	0.003221	279,747	279,747
Baytown Energy Center	Texas	55327	CTG-2	11,412,566	3,511,906,933	0.003250	279,747	279,747
Baytown Energy Center	Texas	55327	CTG-3	12,156,577	3,511,906,933	0.003462	279,747	279,747
Big Brown	Texas	3497	1	47,674,620	3,511,906,933	0.013575	279,747	279,747
Big Brown	Texas	3497	2	48,161,498	3,511,906,933	0.013714	279,747	279,747
Blackhawk Station	Texas	55064	001	10,989,040	3,511,906,933	0.003129	279,747	279,747
Blackhawk Station	Texas	55064	002	10,905,093	3,511,906,933	0.003105	279,747	279,747
Bosque County Power Plant	Texas	55172	GT-1	1,050,575	3,511,906,933	0.000299	279,747	279,747
Bosque County Power Plant	Texas	55172	GT-2	1,192,512	3,511,906,933	0.000340	279,747	279,747
Bosque County Power Plant	Texas	55172	GT-3	7,730,680	3,511,906,933	0.002201	279,747	279,747
Brazos Valley Energy, LP	Texas	55357	CTG1	9,744,991	3,511,906,933	0.002775	279,747	279,747
Brazos Valley Energy, LP	Texas	55357	CTG2	10,356,972	3,511,906,933	0.002949	279,747	279,747
C E Newman	Texas	3574	BW5	60,006	3,511,906,933	0.000017	279,747	279,747
C. R. Wing Cogeneration Plant	Texas	52176	1	2,506,846	3,511,906,933	0.000714	279,747	279,747
C. R. Wing Cogeneration Plant	Texas	52176	2	2,556,711	3,511,906,933	0.000728	279,747	279,747
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	8,382,357	3,511,906,933	0.002387	279,747	279,747
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	7,456,628	3,511,906,933	0.002123	279,747	279,747
Cedar Bayou	Texas	3460	CBY1	13,686,663	3,511,906,933	0.003897	279,747	279,747
Cedar Bayou	Texas	3460	CBY2	10,592,348	3,511,906,933	0.003016	279,747	279,747
Cedar Bayou 4	Texas	56806	CBY41	6,347,601	3,511,906,933	0.001807	279,747	279,747
Cedar Bayou 4	Texas	56806	CBY42	7,177,023	3,511,906,933	0.002044	279,747	279,747
Channel Energy Center	Texas	55299	CTG1	14,154,708	3,511,906,933	0.004030	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Bastrop Clean Energy Center	Texas	55168	CTG-1B	132,193	132,193	710	710	336	336
Bayou Cogeneration Plant	Texas	10298	CG801	132,193	132,193	433	433	205	205
Bayou Cogeneration Plant	Texas	10298	CG802	132,193	132,193	494	494	233	233
Bayou Cogeneration Plant	Texas	10298	CG803	132,193	132,193	473	473	223	223
Bayou Cogeneration Plant	Texas	10298	CG804	132,193	132,193	500	500	236	236
Baytown Energy Center	Texas	55327	CTG-1	132,193	132,193	901	901	426	426
Baytown Energy Center	Texas	55327	CTG-2	132,193	132,193	909	909	430	430
Baytown Energy Center	Texas	55327	CTG-3	132,193	132,193	968	968	458	458
Big Brown	Texas	3497	1	132,193	132,193	3,798	3,798	1,795	1,795
Big Brown	Texas	3497	2	132,193	132,193	3,836	3,836	1,813	1,813
Blackhawk Station	Texas	55064	001	132,193	132,193	875	875	414	414
Blackhawk Station	Texas	55064	002	132,193	132,193	869	869	410	410
Bosque County Power Plant	Texas	55172	GT-1	132,193	132,193	84	84	40	40
Bosque County Power Plant	Texas	55172	GT-2	132,193	132,193	95	95	45	45
Bosque County Power Plant	Texas	55172	GT-3	132,193	132,193	616	616	291	291
Brazos Valley Energy, LP	Texas	55357	CTG1	132,193	132,193	776	776	367	367
Brazos Valley Energy, LP	Texas	55357	CTG2	132,193	132,193	825	825	390	390
C E Newman	Texas	3574	BW5	132,193	132,193	5	5	2	2
C. R. Wing Cogeneration Plant	Texas	52176	1	132,193	132,193	200	200	94	94
C. R. Wing Cogeneration Plant	Texas	52176	2	132,193	132,193	204	204	96	96
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	132,193	132,193	668	668	316	316
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	132,193	132,193	594	594	281	281
Cedar Bayou	Texas	3460	CBY1	132,193	132,193	1,090	1,090	515	515
Cedar Bayou	Texas	3460	CBY2	132,193	132,193	844	844	399	399
Cedar Bayou 4	Texas	56806	CBY41	132,193	132,193	506	506	239	239
Cedar Bayou 4	Texas	56806	CBY42	132,193	132,193	572	572	270	270
Channel Energy Center	Texas	55299	CTG1	132,193	132,193	1,128	1,128	533	533

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Bastrop Clean Energy Center	Texas	55168	CTG-1B	2	1	2	2	3
Bayou Cogeneration Plant	Texas	10298	CG801					
Bayou Cogeneration Plant	Texas	10298	CG802					
Bayou Cogeneration Plant	Texas	10298	CG803					
Bayou Cogeneration Plant	Texas	10298	CG804					
Baytown Energy Center	Texas	55327	CTG-1	4	4	3	4	3
Baytown Energy Center	Texas	55327	CTG-2	4	3	3	3	4
Baytown Energy Center	Texas	55327	CTG-3	4	3	3	3	4
Big Brown	Texas	3497	1	46,888	38,344	48,054	49,777	36,843
Big Brown	Texas	3497	2	39,452	43,679	42,773	46,444	39,954
Blackhawk Station	Texas	55064	001	4	3	3	4	3
Blackhawk Station	Texas	55064	002	4	4	2	3	3
Bosque County Power Plant	Texas	55172	GT-1	0	0	0	0	0
Bosque County Power Plant	Texas	55172	GT-2	0	0	0	0	0
Bosque County Power Plant	Texas	55172	GT-3	3	3	4	3	2
Brazos Valley Energy, LP	Texas	55357	CTG1	1	3	3	2	3
Brazos Valley Energy, LP	Texas	55357	CTG2	1	3	4	2	3
C E Newman	Texas	3574	BW5	0	0	0	0	0
C. R. Wing Cogeneration Plant	Texas	52176	1		1	1	1	1
C. R. Wing Cogeneration Plant	Texas	52176	2		1	1	1	1
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	2	2	2	2	2
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	2	2	2	2	2
Cedar Bayou	Texas	3460	CBY1	103	4	4	5	3
Cedar Bayou	Texas	3460	CBY2	417	5	3	4	3
Cedar Bayou 4	Texas	56806	CBY41					
Cedar Bayou 4	Texas	56806	CBY42					
Channel Energy Center	Texas	55299	CTG1	3	4	7	8	10

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Bastrop Clean Energy Center	Texas	55168	CTG-1B	3	3	2	3		
Bayou Cogeneration Plant	Texas	10298	CG801		2	1	2		
Bayou Cogeneration Plant	Texas	10298	CG802		2	2	2		
Bayou Cogeneration Plant	Texas	10298	CG803		1	2	2		
Bayou Cogeneration Plant	Texas	10298	CG804		2	2	2		
Baytown Energy Center	Texas	55327	CTG-1	3	3	3	4		
Baytown Energy Center	Texas	55327	CTG-2	3	3	3	4		
Baytown Energy Center	Texas	55327	CTG-3	3	3	4	4		
Big Brown	Texas	3497	1	30,573	28,929	31,131	49,777		
Big Brown	Texas	3497	2	31,272	26,619	32,169	46,444		
Blackhawk Station	Texas	55064	001	3	28	22	28		
Blackhawk Station	Texas	55064	002	3	31	29	31		
Bosque County Power Plant	Texas	55172	GT-1	0	0	0	0		
Bosque County Power Plant	Texas	55172	GT-2	0	0	0	0		
Bosque County Power Plant	Texas	55172	GT-3	2	2	1	4		
Brazos Valley Energy, LP	Texas	55357	CTG1	3	3	3	3		
Brazos Valley Energy, LP	Texas	55357	CTG2	3	3	3	4		
C E Newman	Texas	3574	BW5	0			0		
C. R. Wing Cogeneration Plant	Texas	52176	1	0	1	0	1		
C. R. Wing Cogeneration Plant	Texas	52176	2	1	1	0	1		
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	3	2	2	3		
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	2	2	2	2		
Cedar Bayou	Texas	3460	CBY1	4	2	2	103		
Cedar Bayou	Texas	3460	CBY2	2	2	2	417		
Cedar Bayou 4	Texas	56806	CBY41		2	2	2		
Cedar Bayou 4	Texas	56806	CBY42		2	3	3		
Channel Energy Center	Texas	55299	CTG1	9	11	9	11		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Bastrop Clean Energy Center	Texas	55168	CTG-1B					88	95
Bayou Cogeneration Plant	Texas	10298	CG801						
Bayou Cogeneration Plant	Texas	10298	CG802						
Bayou Cogeneration Plant	Texas	10298	CG803						
Bayou Cogeneration Plant	Texas	10298	CG804						
Baytown Energy Center	Texas	55327	CTG-1					66	77
Baytown Energy Center	Texas	55327	CTG-2					67	67
Baytown Energy Center	Texas	55327	CTG-3					66	66
Big Brown	Texas	3497	1					3,882	3,078
Big Brown	Texas	3497	2					3,252	3,635
Blackhawk Station	Texas	55064	001					255	167
Blackhawk Station	Texas	55064	002					250	223
Bosque County Power Plant	Texas	55172	GT-1					32	3
Bosque County Power Plant	Texas	55172	GT-2					9	2
Bosque County Power Plant	Texas	55172	GT-3					215	227
Brazos Valley Energy, LP	Texas	55357	CTG1					45	81
Brazos Valley Energy, LP	Texas	55357	CTG2					47	81
C E Newman	Texas	3574	BW5					3	0
C. R. Wing Cogeneration Plant	Texas	52176	1						173
C. R. Wing Cogeneration Plant	Texas	52176	2						169
Calpine Hidalgo Energy Center	Texas	7762	HRSG1					90	105
Calpine Hidalgo Energy Center	Texas	7762	HRSG2					127	147
Cedar Bayou	Texas	3460	CBY1					591	472
Cedar Bayou	Texas	3460	CBY2					914	202
Cedar Bayou 4	Texas	56806	CBY41						
Cedar Bayou 4	Texas	56806	CBY42						
Channel Energy Center	Texas	55299	CTG1					77	89

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Bastrop Clean Energy Center	Texas	55168	CTG-1B	120	125	149	141	167
Bayou Cogeneration Plant	Texas	10298	CG801				102	94
Bayou Cogeneration Plant	Texas	10298	CG802				88	94
Bayou Cogeneration Plant	Texas	10298	CG803				94	72
Bayou Cogeneration Plant	Texas	10298	CG804				90	99
Baytown Energy Center	Texas	55327	CTG-1	61	75	63	83	99
Baytown Energy Center	Texas	55327	CTG-2	69	65	78	68	71
Baytown Energy Center	Texas	55327	CTG-3	65	66	82	65	74
Big Brown	Texas	3497	1	3,689	3,569	3,242	3,108	2,941
Big Brown	Texas	3497	2	3,316	3,403	3,386	3,297	2,836
Blackhawk Station	Texas	55064	001	220	388	173	194	197
Blackhawk Station	Texas	55064	002	140	173	167	235	233
Bosque County Power Plant	Texas	55172	GT-1	45	28	5	17	245
Bosque County Power Plant	Texas	55172	GT-2	43	28	5	23	288
Bosque County Power Plant	Texas	55172	GT-3	197	191	109	110	129
Brazos Valley Energy, LP	Texas	55357	CTG1	85	59	65	68	64
Brazos Valley Energy, LP	Texas	55357	CTG2	81	59	77	79	58
C E Newman	Texas	3574	BW5	3	4	0	0	
C. R. Wing Cogeneration Plant	Texas	52176	1	237	195	196	115	109
C. R. Wing Cogeneration Plant	Texas	52176	2	270	201	180	126	103
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	121	178	175	223	141
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	124	156	173	170	153
Cedar Bayou	Texas	3460	CBY1	234	227	117	151	120
Cedar Bayou	Texas	3460	CBY2	140	217	184	76	116
Cedar Bayou 4	Texas	56806	CBY41					28
Cedar Bayou 4	Texas	56806	CBY42					24
Channel Energy Center	Texas	55299	CTG1	86	137	515	120	84

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Bastrop Clean Energy Center	Texas	55168	CTG-1B	102	167				
Bayou Cogeneration Plant	Texas	10298	CG801	65	102				
Bayou Cogeneration Plant	Texas	10298	CG802	106	106				
Bayou Cogeneration Plant	Texas	10298	CG803	104	104				
Bayou Cogeneration Plant	Texas	10298	CG804	84	99				
Baytown Energy Center	Texas	55327	CTG-1	61	99				
Baytown Energy Center	Texas	55327	CTG-2	72	78				
Baytown Energy Center	Texas	55327	CTG-3	75	82				
Big Brown	Texas	3497	1	3,280	3,882				
Big Brown	Texas	3497	2	3,473	3,635				
Blackhawk Station	Texas	55064	001	238	388				
Blackhawk Station	Texas	55064	002	259	259				
Bosque County Power Plant	Texas	55172	GT-1	50	245				
Bosque County Power Plant	Texas	55172	GT-2	41	288				
Bosque County Power Plant	Texas	55172	GT-3	64	227				
Brazos Valley Energy, LP	Texas	55357	CTG1	61	85				
Brazos Valley Energy, LP	Texas	55357	CTG2	64	81				
C E Newman	Texas	3574	BW5		4				
C. R. Wing Cogeneration Plant	Texas	52176	1	51	237				
C. R. Wing Cogeneration Plant	Texas	52176	2	45	270				
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	165	223				
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	159	173				
Cedar Bayou	Texas	3460	CBY1	98	591				
Cedar Bayou	Texas	3460	CBY2	80	914				
Cedar Bayou 4	Texas	56806	CBY41	38	38				
Cedar Bayou 4	Texas	56806	CBY42	41	41				
Channel Energy Center	Texas	55299	CTG1	59	515				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Bastrop Clean Energy Center	Texas	55168	CTG-1B				
Bayou Cogeneration Plant	Texas	10298	CG801				
Bayou Cogeneration Plant	Texas	10298	CG802				
Bayou Cogeneration Plant	Texas	10298	CG803				
Bayou Cogeneration Plant	Texas	10298	CG804				
Baytown Energy Center	Texas	55327	CTG-1				
Baytown Energy Center	Texas	55327	CTG-2				
Baytown Energy Center	Texas	55327	CTG-3				
Big Brown	Texas	3497	1				
Big Brown	Texas	3497	2				
Blackhawk Station	Texas	55064	001				
Blackhawk Station	Texas	55064	002				
Bosque County Power Plant	Texas	55172	GT-1				
Bosque County Power Plant	Texas	55172	GT-2				
Bosque County Power Plant	Texas	55172	GT-3				
Brazos Valley Energy, LP	Texas	55357	CTG1				
Brazos Valley Energy, LP	Texas	55357	CTG2				
C E Newman	Texas	3574	BW5				
C. R. Wing Cogeneration Plant	Texas	52176	1				
C. R. Wing Cogeneration Plant	Texas	52176	2				
Calpine Hidalgo Energy Center	Texas	7762	HRSG1				
Calpine Hidalgo Energy Center	Texas	7762	HRSG2				
Cedar Bayou	Texas	3460	CBY1				
Cedar Bayou	Texas	3460	CBY2				
Cedar Bayou 4	Texas	56806	CBY41				
Cedar Bayou 4	Texas	56806	CBY42				
Channel Energy Center	Texas	55299	CTG1				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Bastrop Clean Energy Center	Texas	55168	CTG-1B				
Bayou Cogeneration Plant	Texas	10298	CG801				
Bayou Cogeneration Plant	Texas	10298	CG802				
Bayou Cogeneration Plant	Texas	10298	CG803				
Bayou Cogeneration Plant	Texas	10298	CG804				
Baytown Energy Center	Texas	55327	CTG-1				
Baytown Energy Center	Texas	55327	CTG-2				
Baytown Energy Center	Texas	55327	CTG-3				
Big Brown	Texas	3497	1				
Big Brown	Texas	3497	2				
Blackhawk Station	Texas	55064	001				
Blackhawk Station	Texas	55064	002				
Bosque County Power Plant	Texas	55172	GT-1				
Bosque County Power Plant	Texas	55172	GT-2				
Bosque County Power Plant	Texas	55172	GT-3				
Brazos Valley Energy, LP	Texas	55357	CTG1				
Brazos Valley Energy, LP	Texas	55357	CTG2				
C E Newman	Texas	3574	BW5				
C. R. Wing Cogeneration Plant	Texas	52176	1				
C. R. Wing Cogeneration Plant	Texas	52176	2				
Calpine Hidalgo Energy Center	Texas	7762	HRSG1				
Calpine Hidalgo Energy Center	Texas	7762	HRSG2				
Cedar Bayou	Texas	3460	CBY1				
Cedar Bayou	Texas	3460	CBY2				
Cedar Bayou 4	Texas	56806	CBY41				
Cedar Bayou 4	Texas	56806	CBY42				
Channel Energy Center	Texas	55299	CTG1				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Bastrop Clean Energy Center	Texas	55168	CTG-1B	167	167	167	167
Bayou Cogeneration Plant	Texas	10298	CG801	102	102	102	102
Bayou Cogeneration Plant	Texas	10298	CG802	106	106	106	106
Bayou Cogeneration Plant	Texas	10298	CG803	104	104	104	104
Bayou Cogeneration Plant	Texas	10298	CG804	99	99	99	99
Baytown Energy Center	Texas	55327	CTG-1	99	99	99	99
Baytown Energy Center	Texas	55327	CTG-2	78	78	78	78
Baytown Energy Center	Texas	55327	CTG-3	82	82	82	82
Big Brown	Texas	3497	1	2,520	2,520	2,520	2,520
Big Brown	Texas	3497	2	2,545	2,545	2,545	2,545
Blackhawk Station	Texas	55064	001	388	388	388	388
Blackhawk Station	Texas	55064	002	259	259	259	259
Bosque County Power Plant	Texas	55172	GT-1	56	56	56	56
Bosque County Power Plant	Texas	55172	GT-2	63	63	63	63
Bosque County Power Plant	Texas	55172	GT-3	227	227	227	227
Brazos Valley Energy, LP	Texas	55357	CTG1	85	85	85	85
Brazos Valley Energy, LP	Texas	55357	CTG2	81	81	81	81
C E Newman	Texas	3574	BW5	3	3	3	3
C. R. Wing Cogeneration Plant	Texas	52176	1	132	132	132	132
C. R. Wing Cogeneration Plant	Texas	52176	2	135	135	135	135
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	223	223	223	223
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	173	173	173	173
Cedar Bayou	Texas	3460	CBY1	591	591	591	591
Cedar Bayou	Texas	3460	CBY2	560	560	560	560
Cedar Bayou 4	Texas	56806	CBY41	38	38	38	38
Cedar Bayou 4	Texas	56806	CBY42	41	41	41	41
Channel Energy Center	Texas	55299	CTG1	515	515	515	515

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)		
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Bastrop Clean Energy Center	Texas	55168	CTG-1B	167	167	3,818,871	4,016,172	4,089,786
Bayou Cogeneration Plant	Texas	10298	CG801	102	102			2,590,869
Bayou Cogeneration Plant	Texas	10298	CG802	106	106			2,657,176
Bayou Cogeneration Plant	Texas	10298	CG803	104	104			2,776,817
Bayou Cogeneration Plant	Texas	10298	CG804	99	99			2,767,657
Baytown Energy Center	Texas	55327	CTG-1	99	99	5,652,874	5,001,983	5,721,239
Baytown Energy Center	Texas	55327	CTG-2	78	78	5,300,440	5,733,722	4,990,348
Baytown Energy Center	Texas	55327	CTG-3	82	82	5,360,687	5,593,575	5,420,172
Big Brown	Texas	3497	1	2,520	2,520	22,210,660	16,744,776	21,112,222
Big Brown	Texas	3497	2	2,545	2,545	21,390,804	18,300,231	19,506,599
Blackhawk Station	Texas	55064	001	388	388	5,545,401	4,520,165	4,501,526
Blackhawk Station	Texas	55064	002	259	259	3,977,613	4,388,866	4,539,016
Bosque County Power Plant	Texas	55172	GT-1	56	56	961,776	209,565	874,916
Bosque County Power Plant	Texas	55172	GT-2	63	63	948,026	191,679	1,187,312
Bosque County Power Plant	Texas	55172	GT-3	227	227	4,147,589	4,744,798	3,777,738
Brazos Valley Energy, LP	Texas	55357	CTG1	85	85	4,521,652	5,618,001	5,548,559
Brazos Valley Energy, LP	Texas	55357	CTG2	81	81	4,742,686	4,987,084	5,945,820
C E Newman	Texas	3574	BW5	3	3	155,776	13,075	2,845
C. R. Wing Cogeneration Plant	Texas	52176	1	132	132	2,312,029	2,073,338	1,220,352
C. R. Wing Cogeneration Plant	Texas	52176	2	135	135	2,549,968	2,175,802	1,387,903
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	223	223	3,851,935	2,873,528	4,304,113
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	173	173	2,960,166	3,864,983	4,290,025
Cedar Bayou	Texas	3460	CBY1	591	591	11,192,093	6,682,067	7,341,347
Cedar Bayou	Texas	3460	CBY2	560	560	9,371,197	5,853,726	5,324,152
Cedar Bayou 4	Texas	56806	CBY41	38	38			
Cedar Bayou 4	Texas	56806	CBY42	41	41			
Channel Energy Center	Texas	55299	CTG1	515	515	7,269,846	5,668,545	6,226,624

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Bastrop Clean Energy Center	Texas	55168	CTG-1B	4,976,648	3,283,834	4,360,869	1,726,255,329	0.002526
Bayou Cogeneration Plant	Texas	10298	CG801	2,927,314	2,342,833	2,620,339	1,726,255,329	0.001518
Bayou Cogeneration Plant	Texas	10298	CG802	2,835,630	2,811,891	2,768,232	1,726,255,329	0.001604
Bayou Cogeneration Plant	Texas	10298	CG803	2,569,349	2,914,283	2,753,483	1,726,255,329	0.001595
Bayou Cogeneration Plant	Texas	10298	CG804	2,785,629	2,960,930	2,838,072	1,726,255,329	0.001644
Baytown Energy Center	Texas	55327	CTG-1	4,463,848	3,718,986	5,458,699	1,726,255,329	0.003162
Baytown Energy Center	Texas	55327	CTG-2	5,087,136	5,312,296	5,448,819	1,726,255,329	0.003156
Baytown Energy Center	Texas	55327	CTG-3	5,339,953	5,714,885	5,576,211	1,726,255,329	0.003230
Big Brown	Texas	3497	1	17,598,199	20,609,140	21,310,674	1,726,255,329	0.012345
Big Brown	Texas	3497	2	13,973,820	21,085,361	20,660,921	1,726,255,329	0.011969
Blackhawk Station	Texas	55064	001	4,411,936	3,783,649	4,855,697	1,726,255,329	0.002813
Blackhawk Station	Texas	55064	002	4,483,130	4,587,136	4,536,427	1,726,255,329	0.002628
Bosque County Power Plant	Texas	55172	GT-1	514,936	54,705	783,876	1,726,255,329	0.000454
Bosque County Power Plant	Texas	55172	GT-2	646,645	50,199	927,328	1,726,255,329	0.000537
Bosque County Power Plant	Texas	55172	GT-3	4,403,449	3,738,780	4,431,945	1,726,255,329	0.002567
Brazos Valley Energy, LP	Texas	55357	CTG1	5,405,383	4,867,222	5,523,981	1,726,255,329	0.003200
Brazos Valley Energy, LP	Texas	55357	CTG2	5,225,051	4,457,044	5,385,985	1,726,255,329	0.003120
C E Newman	Texas	3574	BW5			57,232	1,726,255,329	0.000033
C. R. Wing Cogeneration Plant	Texas	52176	1	1,255,287	747,196	1,880,218	1,726,255,329	0.001089
C. R. Wing Cogeneration Plant	Texas	52176	2	1,362,003	739,218	2,037,891	1,726,255,329	0.001181
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	4,858,828	3,988,018	4,383,653	1,726,255,329	0.002539
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	4,462,333	2,941,655	4,205,780	1,726,255,329	0.002436
Cedar Bayou	Texas	3460	CBY1	6,495,381	7,052,368	8,528,603	1,726,255,329	0.004941
Cedar Bayou	Texas	3460	CBY2	6,501,194	5,038,238	7,242,039	1,726,255,329	0.004195
Cedar Bayou 4	Texas	56806	CBY41	3,604,163	4,293,014	3,948,589	1,726,255,329	0.002287
Cedar Bayou 4	Texas	56806	CBY42	3,617,302	3,015,109	3,316,205	1,726,255,329	0.001921
Channel Energy Center	Texas	55299	CTG1	5,341,415	5,396,796	6,388,338	1,726,255,329	0.003701

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Bastrop Clean Energy Center	Texas	55168	CTG-1B	62,938	62,938	159	159	52	50
Bayou Cogeneration Plant	Texas	10298	CG801	62,938	62,938	96	96		
Bayou Cogeneration Plant	Texas	10298	CG802	62,938	62,938	101	101		
Bayou Cogeneration Plant	Texas	10298	CG803	62,938	62,938	100	100		
Bayou Cogeneration Plant	Texas	10298	CG804	62,938	62,938	103	103		
Baytown Energy Center	Texas	55327	CTG-1	62,938	62,938	199	199	27	35
Baytown Energy Center	Texas	55327	CTG-2	62,938	62,938	199	199	29	29
Baytown Energy Center	Texas	55327	CTG-3	62,938	62,938	203	203	26	27
Big Brown	Texas	3497	1	62,938	62,938	777	777	1,668	1,599
Big Brown	Texas	3497	2	62,938	62,938	753	753	1,706	1,577
Blackhawk Station	Texas	55064	001	62,938	62,938	177	177	107	47
Blackhawk Station	Texas	55064	002	62,938	62,938	165	165	112	97
Bosque County Power Plant	Texas	55172	GT-1	62,938	62,938	29	29	17	2
Bosque County Power Plant	Texas	55172	GT-2	62,938	62,938	34	34	4	1
Bosque County Power Plant	Texas	55172	GT-3	62,938	62,938	162	162	103	92
Brazos Valley Energy, LP	Texas	55357	CTG1	62,938	62,938	201	201	28	36
Brazos Valley Energy, LP	Texas	55357	CTG2	62,938	62,938	196	196	28	35
C E Newman	Texas	3574	BW5	62,938	62,938	2	2	2	0
C. R. Wing Cogeneration Plant	Texas	52176	1	62,938	62,938	69	69		137
C. R. Wing Cogeneration Plant	Texas	52176	2	62,938	62,938	74	74		138
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	62,938	62,938	160	160	48	56
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	62,938	62,938	153	153	68	70
Cedar Bayou	Texas	3460	CBY1	62,938	62,938	311	311	410	349
Cedar Bayou	Texas	3460	CBY2	62,938	62,938	264	264	636	82
Cedar Bayou 4	Texas	56806	CBY41	62,938	62,938	144	144		
Cedar Bayou 4	Texas	56806	CBY42	62,938	62,938	121	121		
Channel Energy Center	Texas	55299	CTG1	62,938	62,938	233	233	30	33

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Bastrop Clean Energy Center	Texas	55168	CTG-1B	75	59	65	60	83	56
Bayou Cogeneration Plant	Texas	10298	CG801				41	47	37
Bayou Cogeneration Plant	Texas	10298	CG802				41	44	44
Bayou Cogeneration Plant	Texas	10298	CG803				42	39	45
Bayou Cogeneration Plant	Texas	10298	CG804				40	40	43
Baytown Energy Center	Texas	55327	CTG-1	30	35	30	38	50	25
Baytown Energy Center	Texas	55327	CTG-2	27	31	33	37	37	33
Baytown Energy Center	Texas	55327	CTG-3	29	32	34	34	36	35
Big Brown	Texas	3497	1	1,629	1,544	1,274	1,577	1,271	1,433
Big Brown	Texas	3497	2	1,559	1,569	1,334	1,506	1,057	1,500
Blackhawk Station	Texas	55064	001	85	93	77	78	90	90
Blackhawk Station	Texas	55064	002	67	69	77	81	91	107
Bosque County Power Plant	Texas	55172	GT-1	35	19	4	15	146	2
Bosque County Power Plant	Texas	55172	GT-2	33	20	3	20	188	2
Bosque County Power Plant	Texas	55172	GT-3	83	86	74	51	74	54
Brazos Valley Energy, LP	Texas	55357	CTG1	39	33	35	35	35	31
Brazos Valley Energy, LP	Texas	55357	CTG2	37	32	35	37	33	30
C E Newman	Texas	3574	BW5	3	4	0	0		
C. R. Wing Cogeneration Plant	Texas	52176	1	150	155	129	84	82	49
C. R. Wing Cogeneration Plant	Texas	52176	2	177	171	132	88	78	43
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	62	97	74	85	83	75
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	51	71	89	86	85	53
Cedar Bayou	Texas	3460	CBY1	193	151	80	78	103	96
Cedar Bayou	Texas	3460	CBY2	102	155	103	62	97	76
Cedar Bayou 4	Texas	56806	CBY41					18	20
Cedar Bayou 4	Texas	56806	CBY42					15	15
Channel Energy Center	Texas	55299	CTG1	41	67	458	68	33	31

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Bastrop Clean Energy Center	Texas	55168	CTG-1B	83					
Bayou Cogeneration Plant	Texas	10298	CG801	47					
Bayou Cogeneration Plant	Texas	10298	CG802	44					
Bayou Cogeneration Plant	Texas	10298	CG803	45					
Bayou Cogeneration Plant	Texas	10298	CG804	43					
Baytown Energy Center	Texas	55327	CTG-1	50					
Baytown Energy Center	Texas	55327	CTG-2	37					
Baytown Energy Center	Texas	55327	CTG-3	36					
Big Brown	Texas	3497	1	1,668					
Big Brown	Texas	3497	2	1,706					
Blackhawk Station	Texas	55064	001	107					
Blackhawk Station	Texas	55064	002	112					
Bosque County Power Plant	Texas	55172	GT-1	146					
Bosque County Power Plant	Texas	55172	GT-2	188					
Bosque County Power Plant	Texas	55172	GT-3	103					
Brazos Valley Energy, LP	Texas	55357	CTG1	39					
Brazos Valley Energy, LP	Texas	55357	CTG2	37					
C E Newman	Texas	3574	BW5	4					
C. R. Wing Cogeneration Plant	Texas	52176	1	155					
C. R. Wing Cogeneration Plant	Texas	52176	2	177					
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	97					
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	89					
Cedar Bayou	Texas	3460	CBY1	410					
Cedar Bayou	Texas	3460	CBY2	636					
Cedar Bayou 4	Texas	56806	CBY41	20					
Cedar Bayou 4	Texas	56806	CBY42	15					
Channel Energy Center	Texas	55299	CTG1	458					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Bastrop Clean Energy Center	Texas	55168	CTG-1B			83	83
Bayou Cogeneration Plant	Texas	10298	CG801			47	47
Bayou Cogeneration Plant	Texas	10298	CG802			44	44
Bayou Cogeneration Plant	Texas	10298	CG803			45	45
Bayou Cogeneration Plant	Texas	10298	CG804			43	43
Baytown Energy Center	Texas	55327	CTG-1			50	50
Baytown Energy Center	Texas	55327	CTG-2			37	37
Baytown Energy Center	Texas	55327	CTG-3			36	36
Big Brown	Texas	3497	1			1,130	1,130
Big Brown	Texas	3497	2			1,096	1,096
Blackhawk Station	Texas	55064	001			107	107
Blackhawk Station	Texas	55064	002			112	112
Bosque County Power Plant	Texas	55172	GT-1			42	42
Bosque County Power Plant	Texas	55172	GT-2			49	49
Bosque County Power Plant	Texas	55172	GT-3			103	103
Brazos Valley Energy, LP	Texas	55357	CTG1			39	39
Brazos Valley Energy, LP	Texas	55357	CTG2			37	37
C E Newman	Texas	3574	BW5			3	3
C. R. Wing Cogeneration Plant	Texas	52176	1			100	100
C. R. Wing Cogeneration Plant	Texas	52176	2			108	108
Calpine Hidalgo Energy Center	Texas	7762	HRSG1			97	97
Calpine Hidalgo Energy Center	Texas	7762	HRSG2			89	89
Cedar Bayou	Texas	3460	CBY1			410	410
Cedar Bayou	Texas	3460	CBY2			384	384
Cedar Bayou 4	Texas	56806	CBY41			20	20
Cedar Bayou 4	Texas	56806	CBY42			15	15
Channel Energy Center	Texas	55299	CTG1			339	339

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Bastrop Clean Energy Center	Texas	55168	CTG-1B	83	83	83	83
Bayou Cogeneration Plant	Texas	10298	CG801	47	47	47	47
Bayou Cogeneration Plant	Texas	10298	CG802	44	44	44	44
Bayou Cogeneration Plant	Texas	10298	CG803	45	45	45	45
Bayou Cogeneration Plant	Texas	10298	CG804	43	43	43	43
Baytown Energy Center	Texas	55327	CTG-1	50	50	50	50
Baytown Energy Center	Texas	55327	CTG-2	37	37	37	37
Baytown Energy Center	Texas	55327	CTG-3	36	36	36	36
Big Brown	Texas	3497	1	1,130	1,130	1,130	1,130
Big Brown	Texas	3497	2	1,096	1,096	1,096	1,096
Blackhawk Station	Texas	55064	001	107	107	107	107
Blackhawk Station	Texas	55064	002	112	112	112	112
Bosque County Power Plant	Texas	55172	GT-1	42	42	42	42
Bosque County Power Plant	Texas	55172	GT-2	49	49	49	49
Bosque County Power Plant	Texas	55172	GT-3	103	103	103	103
Brazos Valley Energy, LP	Texas	55357	CTG1	39	39	39	39
Brazos Valley Energy, LP	Texas	55357	CTG2	37	37	37	37
C E Newman	Texas	3574	BW5	3	3	3	3
C. R. Wing Cogeneration Plant	Texas	52176	1	100	100	100	100
C. R. Wing Cogeneration Plant	Texas	52176	2	108	108	108	108
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	97	97	97	97
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	89	89	89	89
Cedar Bayou	Texas	3460	CBY1	410	410	410	410
Cedar Bayou	Texas	3460	CBY2	384	384	384	384
Cedar Bayou 4	Texas	56806	CBY41	20	20	20	20
Cedar Bayou 4	Texas	56806	CBY42	15	15	15	15
Channel Energy Center	Texas	55299	CTG1	339	339	339	339

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Bastrop Clean Energy Center	Texas	55168	CTG-1B	Y		Y	Y		
Bayou Cogeneration Plant	Texas	10298	CG801	Y		Y	Y		
Bayou Cogeneration Plant	Texas	10298	CG802	Y		Y	Y		
Bayou Cogeneration Plant	Texas	10298	CG803	Y		Y	Y		
Bayou Cogeneration Plant	Texas	10298	CG804	Y		Y	Y		
Baytown Energy Center	Texas	55327	CTG-1	Y		Y	Y		
Baytown Energy Center	Texas	55327	CTG-2	Y		Y	Y		
Baytown Energy Center	Texas	55327	CTG-3	Y		Y	Y		
Big Brown	Texas	3497	1	Y		Y	Y		
Big Brown	Texas	3497	2	Y		Y	Y		
Blackhawk Station	Texas	55064	001	Y		Y	Y		
Blackhawk Station	Texas	55064	002	Y		Y	Y		
Bosque County Power Plant	Texas	55172	GT-1	Y		Y	Y		
Bosque County Power Plant	Texas	55172	GT-2	Y		Y	Y		
Bosque County Power Plant	Texas	55172	GT-3	Y		Y	Y		
Brazos Valley Energy, LP	Texas	55357	CTG1	Y		Y	Y		
Brazos Valley Energy, LP	Texas	55357	CTG2	Y		Y	Y		
C E Newman	Texas	3574	BW5	Y		Y	Y		
C. R. Wing Cogeneration Plant	Texas	52176	1	Y		Y	Y		
C. R. Wing Cogeneration Plant	Texas	52176	2	Y		Y	Y		
Calpine Hidalgo Energy Center	Texas	7762	HRSG1	Y		Y	Y		
Calpine Hidalgo Energy Center	Texas	7762	HRSG2	Y		Y	Y		
Cedar Bayou	Texas	3460	CBY1	Y		Y	Y		
Cedar Bayou	Texas	3460	CBY2	Y		Y	Y		
Cedar Bayou 4	Texas	56806	CBY41	Y		Y	Y		
Cedar Bayou 4	Texas	56806	CBY42	Y		Y	Y		
Channel Energy Center	Texas	55299	CTG1	Y		Y	Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Channel Energy Center	Texas	55299	CTG2	4478	13,216,963	14,292,954	12,087,089	10,664,578	8,659,550
Channelview Cogeneration Facility	Texas	55187	CHV1	4077	14,073,394	14,095,791	13,221,662	14,189,229	14,647,224
Channelview Cogeneration Facility	Texas	55187	CHV2	4078	13,432,888	13,134,890	11,331,808	12,740,482	14,242,384
Channelview Cogeneration Facility	Texas	55187	CHV3	4079	13,354,821	12,151,042	14,353,956	12,029,636	13,241,358
Channelview Cogeneration Facility	Texas	55187	CHV4	4080	11,964,057	13,029,575	12,948,471	15,162,327	14,700,791
Clear Lake Cogeneration	Texas	10741	G102	89945			2,657,774	1,772,613	2,260,130
Clear Lake Cogeneration	Texas	10741	G103	89946			2,612,825	1,983,882	1,519,467
Clear Lake Cogeneration	Texas	10741	G104	89947			2,556,082	1,443,948	2,128,494
Coletto Creek	Texas	6178	1	2826	52,691,223	42,738,058	48,863,808	51,330,220	43,496,800
Colorado Bend Energy Center	Texas	56350	CT1A	4573		1,152,124	2,839,411	2,415,767	2,490,858
Colorado Bend Energy Center	Texas	56350	CT1B	4574		1,056,331	2,658,998	2,619,687	2,203,261
Colorado Bend Energy Center	Texas	56350	CT2A	4577			949,083	3,533,026	2,846,688
Colorado Bend Energy Center	Texas	56350	CT2B	4578			948,454	3,540,398	2,801,720
Copper Station	Texas	9	CTG-1	90211			295,726	221,277	243,752
Corpus Christi	Texas	50475	GEN1		4,563,002	3,228,433	4,510,976	4,248,957	
Corpus Christi Energy Center	Texas	55206	CU1	4138	10,263,568	11,538,868	13,200,590	13,041,619	12,571,186
Corpus Christi Energy Center	Texas	55206	CU2	4139	9,976,118	14,402,003	11,228,867	11,608,135	11,374,440
Cottonwood Energy Project	Texas	55358	CT1	4545	3,019,150	5,895,300	9,532,327	5,809,426	5,236,228
Cottonwood Energy Project	Texas	55358	CT2	4546	3,197,332	8,121,446	8,711,113	5,595,939	6,220,849
Cottonwood Energy Project	Texas	55358	CT3	4547	6,524,167	7,010,521	5,977,617	8,328,222	8,696,917
Cottonwood Energy Project	Texas	55358	CT4	4548	5,470,092	6,406,594	6,136,700	8,047,681	4,484,668
Decker Creek	Texas	3548	1	2454	7,470,100	4,996,840	8,000,457	5,964,498	4,794,420
Decker Creek	Texas	3548	2	2455	6,822,188	6,490,099	9,563,224	9,647,296	8,054,298
Decker Creek	Texas	3548	GT-1A	89911			90,185	85,005	95,417
Decker Creek	Texas	3548	GT-1B	89912			90,185	85,005	95,417
Decker Creek	Texas	3548	GT-2A	89913			200,431	77,987	70,662
Decker Creek	Texas	3548	GT-2B	89914			200,431	77,987	70,662

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Channel Energy Center	Texas	55299	CTG2	13,199,002	3,511,906,933	0.003758	279,747	279,747
Channelview Cogeneration Facility	Texas	55187	CHV1	14,310,748	3,511,906,933	0.004075	279,747	279,747
Channelview Cogeneration Facility	Texas	55187	CHV2	13,603,388	3,511,906,933	0.003874	279,747	279,747
Channelview Cogeneration Facility	Texas	55187	CHV3	13,650,045	3,511,906,933	0.003887	279,747	279,747
Channelview Cogeneration Facility	Texas	55187	CHV4	14,297,564	3,511,906,933	0.004071	279,747	279,747
Clear Lake Cogeneration	Texas	10741	G102	2,230,172	3,511,906,933	0.000635	279,747	279,747
Clear Lake Cogeneration	Texas	10741	G103	2,038,724	3,511,906,933	0.000581	279,747	279,747
Clear Lake Cogeneration	Texas	10741	G104	2,042,841	3,511,906,933	0.000582	279,747	279,747
Coletto Creek	Texas	6178	1	50,961,750	3,511,906,933	0.014511	279,747	279,747
Colorado Bend Energy Center	Texas	56350	CT1A	2,582,012	3,511,906,933	0.000735	279,747	279,747
Colorado Bend Energy Center	Texas	56350	CT1B	2,493,982	3,511,906,933	0.000710	279,747	279,747
Colorado Bend Energy Center	Texas	56350	CT2A	2,442,933	3,511,906,933	0.000696	279,747	279,747
Colorado Bend Energy Center	Texas	56350	CT2B	2,430,191	3,511,906,933	0.000692	279,747	279,747
Copper Station	Texas	9	CTG-1	253,585	3,511,906,933	0.000072	279,747	279,747
Corpus Christi	Texas	50475	GEN1	4,440,978	3,511,906,933	0.001265	279,747	279,747
Corpus Christi Energy Center	Texas	55206	CU1	12,937,798	3,511,906,933	0.003684	279,747	279,747
Corpus Christi Energy Center	Texas	55206	CU2	12,461,526	3,511,906,933	0.003548	279,747	279,747
Cottonwood Energy Project	Texas	55358	CT1	7,079,017	3,511,906,933	0.002016	279,747	279,747
Cottonwood Energy Project	Texas	55358	CT2	7,684,469	3,511,906,933	0.002188	279,747	279,747
Cottonwood Energy Project	Texas	55358	CT3	8,011,887	3,511,906,933	0.002281	279,747	279,747
Cottonwood Energy Project	Texas	55358	CT4	6,863,659	3,511,906,933	0.001954	279,747	279,747
Decker Creek	Texas	3548	1	7,145,018	3,511,906,933	0.002035	279,747	279,747
Decker Creek	Texas	3548	2	9,088,273	3,511,906,933	0.002588	279,747	279,747
Decker Creek	Texas	3548	GT-1A	90,202	3,511,906,933	0.000026	279,747	279,747
Decker Creek	Texas	3548	GT-1B	90,202	3,511,906,933	0.000026	279,747	279,747
Decker Creek	Texas	3548	GT-2A	116,360	3,511,906,933	0.000033	279,747	279,747
Decker Creek	Texas	3548	GT-2B	116,360	3,511,906,933	0.000033	279,747	279,747

Step 6									
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Channel Energy Center	Texas	55299	CTG2	132,193	132,193	1,051	1,051	497	497
Channelview Cogeneration Facility	Texas	55187	CHV1	132,193	132,193	1,140	1,140	539	539
Channelview Cogeneration Facility	Texas	55187	CHV2	132,193	132,193	1,084	1,084	512	512
Channelview Cogeneration Facility	Texas	55187	CHV3	132,193	132,193	1,087	1,087	514	514
Channelview Cogeneration Facility	Texas	55187	CHV4	132,193	132,193	1,139	1,139	538	538
Clear Lake Cogeneration	Texas	10741	G102	132,193	132,193	178	178	84	84
Clear Lake Cogeneration	Texas	10741	G103	132,193	132,193	162	162	77	77
Clear Lake Cogeneration	Texas	10741	G104	132,193	132,193	163	163	77	77
Coletto Creek	Texas	6178	1	132,193	132,193	4,059	4,059	1,918	1,918
Colorado Bend Energy Center	Texas	56350	CT1A	132,193	132,193	206	206	97	97
Colorado Bend Energy Center	Texas	56350	CT1B	132,193	132,193	199	199	94	94
Colorado Bend Energy Center	Texas	56350	CT2A	132,193	132,193	195	195	92	92
Colorado Bend Energy Center	Texas	56350	CT2B	132,193	132,193	194	194	91	91
Copper Station	Texas	9	CTG-1	132,193	132,193	20	20	10	10
Corpus Christi	Texas	50475	GEN1	132,193	132,193	354	354	167	167
Corpus Christi Energy Center	Texas	55206	CU1	132,193	132,193	1,031	1,031	487	487
Corpus Christi Energy Center	Texas	55206	CU2	132,193	132,193	993	993	469	469
Cottonwood Energy Project	Texas	55358	CT1	132,193	132,193	564	564	266	266
Cottonwood Energy Project	Texas	55358	CT2	132,193	132,193	612	612	289	289
Cottonwood Energy Project	Texas	55358	CT3	132,193	132,193	638	638	302	302
Cottonwood Energy Project	Texas	55358	CT4	132,193	132,193	547	547	258	258
Decker Creek	Texas	3548	1	132,193	132,193	569	569	269	269
Decker Creek	Texas	3548	2	132,193	132,193	724	724	342	342
Decker Creek	Texas	3548	GT-1A	132,193	132,193	7	7	3	3
Decker Creek	Texas	3548	GT-1B	132,193	132,193	7	7	3	3
Decker Creek	Texas	3548	GT-2A	132,193	132,193	9	9	4	4
Decker Creek	Texas	3548	GT-2B	132,193	132,193	9	9	4	4

Plant Name	State	ORIS ID	Boiler ID	Step 7				
				2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Channel Energy Center	Texas	55299	CTG2	4	4	6	7	10
Channelview Cogeneration Facility	Texas	55187	CHV1	4	4	4	4	4
Channelview Cogeneration Facility	Texas	55187	CHV2	4	3	3	4	4
Channelview Cogeneration Facility	Texas	55187	CHV3	4	4	4	4	4
Channelview Cogeneration Facility	Texas	55187	CHV4	4	4	4	4	4
Clear Lake Cogeneration	Texas	10741	G102					
Clear Lake Cogeneration	Texas	10741	G103					
Clear Lake Cogeneration	Texas	10741	G104					
Coledo Creek	Texas	6178	1	13,707	15,063	14,395	14,008	14,274
Colorado Bend Energy Center	Texas	56350	CT1A	0				0
Colorado Bend Energy Center	Texas	56350	CT1B	0				0
Colorado Bend Energy Center	Texas	56350	CT2A	0				
Colorado Bend Energy Center	Texas	56350	CT2B	0				
Copper Station	Texas	9	CTG-1					
Corpus Christi	Texas	50475	GEN1		6	8		6
Corpus Christi Energy Center	Texas	55206	CU1	3	3	4	3	3
Corpus Christi Energy Center	Texas	55206	CU2	3	4	3	3	4
Cottonwood Energy Project	Texas	55358	CT1	0	1	1	1	2
Cottonwood Energy Project	Texas	55358	CT2	1	2	2	1	2
Cottonwood Energy Project	Texas	55358	CT3	1	1	2	2	2
Cottonwood Energy Project	Texas	55358	CT4	1	2	1	2	2
Decker Creek	Texas	3548	1	10	3	1	2	3
Decker Creek	Texas	3548	2	5	2	2	2	2
Decker Creek	Texas	3548	GT-1A					
Decker Creek	Texas	3548	GT-1B					
Decker Creek	Texas	3548	GT-2A					
Decker Creek	Texas	3548	GT-2B					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Channel Energy Center	Texas	55299	CTG2	10	8	8	10		
Channelview Cogeneration Facility	Texas	55187	CHV1	4	4	4	4		
Channelview Cogeneration Facility	Texas	55187	CHV2	3	4	4	4		
Channelview Cogeneration Facility	Texas	55187	CHV3	4	4	4	4		
Channelview Cogeneration Facility	Texas	55187	CHV4	4	5	4	5		
Clear Lake Cogeneration	Texas	10741	G102	1	1	1	1		
Clear Lake Cogeneration	Texas	10741	G103	1	1	0	1		
Clear Lake Cogeneration	Texas	10741	G104	1	0	1	1		
Coletto Creek	Texas	6178	1	17,417	21,453	17,616	21,453		
Colorado Bend Energy Center	Texas	56350	CT1A	1	1	1	1		
Colorado Bend Energy Center	Texas	56350	CT1B	1	1	1	1		
Colorado Bend Energy Center	Texas	56350	CT2A	0	1	1	1		
Colorado Bend Energy Center	Texas	56350	CT2B	0	1	1	1		
Copper Station	Texas	9	CTG-1		0	0	0		
Corpus Christi	Texas	50475	GEN1				8		
Corpus Christi Energy Center	Texas	55206	CU1	4	4	4	4		
Corpus Christi Energy Center	Texas	55206	CU2	3	3	3	4		
Cottonwood Energy Project	Texas	55358	CT1	3	2	2	3		
Cottonwood Energy Project	Texas	55358	CT2	3	2	2	3		
Cottonwood Energy Project	Texas	55358	CT3	2	3	3	3		
Cottonwood Energy Project	Texas	55358	CT4	2	2	1	2		
Decker Creek	Texas	3548	1	3	2	1	10		
Decker Creek	Texas	3548	2	8	3	10	10		
Decker Creek	Texas	3548	GT-1A		0	0	0		
Decker Creek	Texas	3548	GT-1B		0	0	0		
Decker Creek	Texas	3548	GT-2A		0	0	0		
Decker Creek	Texas	3548	GT-2B		0	0	0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Channel Energy Center	Texas	55299	CTG2					82	89
Channelview Cogeneration Facility	Texas	55187	CHV1					73	77
Channelview Cogeneration Facility	Texas	55187	CHV2					71	56
Channelview Cogeneration Facility	Texas	55187	CHV3					88	83
Channelview Cogeneration Facility	Texas	55187	CHV4					80	77
Clear Lake Cogeneration	Texas	10741	G102						
Clear Lake Cogeneration	Texas	10741	G103						
Clear Lake Cogeneration	Texas	10741	G104						
Coleto Creek	Texas	6178	1					3,640	3,800
Colorado Bend Energy Center	Texas	56350	CT1A					0	
Colorado Bend Energy Center	Texas	56350	CT1B					1	
Colorado Bend Energy Center	Texas	56350	CT2A					0	
Colorado Bend Energy Center	Texas	56350	CT2B					0	
Copper Station	Texas	9	CTG-1						
Corpus Christi	Texas	50475	GEN1						159
Corpus Christi Energy Center	Texas	55206	CU1					126	200
Corpus Christi Energy Center	Texas	55206	CU2					129	175
Cottonwood Energy Project	Texas	55358	CT1					16	43
Cottonwood Energy Project	Texas	55358	CT2					24	64
Cottonwood Energy Project	Texas	55358	CT3					23	39
Cottonwood Energy Project	Texas	55358	CT4					25	57
Decker Creek	Texas	3548	1					539	670
Decker Creek	Texas	3548	2					353	220
Decker Creek	Texas	3548	GT-1A						
Decker Creek	Texas	3548	GT-1B						
Decker Creek	Texas	3548	GT-2A						
Decker Creek	Texas	3548	GT-2B						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Channel Energy Center	Texas	55299	CTG2	96	113	150	103	86
Channelview Cogeneration Facility	Texas	55187	CHV1	72	81	79	71	77
Channelview Cogeneration Facility	Texas	55187	CHV2	65	77	73	63	69
Channelview Cogeneration Facility	Texas	55187	CHV3	69	78	67	78	66
Channelview Cogeneration Facility	Texas	55187	CHV4	82	72	73	70	82
Clear Lake Cogeneration	Texas	10741	G102				103	95
Clear Lake Cogeneration	Texas	10741	G103				110	129
Clear Lake Cogeneration	Texas	10741	G104				97	90
Coledo Creek	Texas	6178	1	3,870	3,705	3,134	3,868	4,198
Colorado Bend Energy Center	Texas	56350	CT1A			11	26	24
Colorado Bend Energy Center	Texas	56350	CT1B			11	23	19
Colorado Bend Energy Center	Texas	56350	CT2A				10	34
Colorado Bend Energy Center	Texas	56350	CT2B				10	35
Copper Station	Texas	9	CTG-1				33	24
Corpus Christi	Texas	50475	GEN1	209		149		
Corpus Christi Energy Center	Texas	55206	CU1	187	160	186	218	197
Corpus Christi Energy Center	Texas	55206	CU2	190	132	217	183	216
Cottonwood Energy Project	Texas	55358	CT1	43	33	56	80	56
Cottonwood Energy Project	Texas	55358	CT2	57	34	73	72	52
Cottonwood Energy Project	Texas	55358	CT3	51	60	65	53	59
Cottonwood Energy Project	Texas	55358	CT4	45	53	56	57	67
Decker Creek	Texas	3548	1	292	406	255	450	337
Decker Creek	Texas	3548	2	202	273	264	406	397
Decker Creek	Texas	3548	GT-1A				32	30
Decker Creek	Texas	3548	GT-1B				32	30
Decker Creek	Texas	3548	GT-2A				70	27
Decker Creek	Texas	3548	GT-2B				70	27

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Channel Energy Center	Texas	55299	CTG2	59	150				
Channelview Cogeneration Facility	Texas	55187	CHV1	79	81				
Channelview Cogeneration Facility	Texas	55187	CHV2	77	77				
Channelview Cogeneration Facility	Texas	55187	CHV3	71	88				
Channelview Cogeneration Facility	Texas	55187	CHV4	79	82				
Clear Lake Cogeneration	Texas	10741	G102	111	111				
Clear Lake Cogeneration	Texas	10741	G103	81	129				
Clear Lake Cogeneration	Texas	10741	G104	107	107				
Coletto Creek	Texas	6178	1	3,234	4,198				
Colorado Bend Energy Center	Texas	56350	CT1A	26	26				
Colorado Bend Energy Center	Texas	56350	CT1B	18	23				
Colorado Bend Energy Center	Texas	56350	CT2A	33	34				
Colorado Bend Energy Center	Texas	56350	CT2B	32	35				
Copper Station	Texas	9	CTG-1	24	33				
Corpus Christi	Texas	50475	GEN1		209				
Corpus Christi Energy Center	Texas	55206	CU1	205	218				
Corpus Christi Energy Center	Texas	55206	CU2	198	217				
Cottonwood Energy Project	Texas	55358	CT1	48	80				
Cottonwood Energy Project	Texas	55358	CT2	53	73				
Cottonwood Energy Project	Texas	55358	CT3	64	65				
Cottonwood Energy Project	Texas	55358	CT4	37	67				
Decker Creek	Texas	3548	1	266	670				
Decker Creek	Texas	3548	2	323	406				
Decker Creek	Texas	3548	GT-1A	33	33				
Decker Creek	Texas	3548	GT-1B	33	33				
Decker Creek	Texas	3548	GT-2A	25	70				
Decker Creek	Texas	3548	GT-2B	25	70				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Channel Energy Center	Texas	55299	CTG2				
Channelview Cogeneration Facility	Texas	55187	CHV1				
Channelview Cogeneration Facility	Texas	55187	CHV2				
Channelview Cogeneration Facility	Texas	55187	CHV3				
Channelview Cogeneration Facility	Texas	55187	CHV4				
Clear Lake Cogeneration	Texas	10741	G102				
Clear Lake Cogeneration	Texas	10741	G103				
Clear Lake Cogeneration	Texas	10741	G104				
Coletto Creek	Texas	6178	1				
Colorado Bend Energy Center	Texas	56350	CT1A				
Colorado Bend Energy Center	Texas	56350	CT1B				
Colorado Bend Energy Center	Texas	56350	CT2A				
Colorado Bend Energy Center	Texas	56350	CT2B				
Copper Station	Texas	9	CTG-1				
Corpus Christi	Texas	50475	GEN1				
Corpus Christi Energy Center	Texas	55206	CU1				
Corpus Christi Energy Center	Texas	55206	CU2				
Cottonwood Energy Project	Texas	55358	CT1				
Cottonwood Energy Project	Texas	55358	CT2				
Cottonwood Energy Project	Texas	55358	CT3				
Cottonwood Energy Project	Texas	55358	CT4				
Decker Creek	Texas	3548	1				
Decker Creek	Texas	3548	2				
Decker Creek	Texas	3548	GT-1A				
Decker Creek	Texas	3548	GT-1B				
Decker Creek	Texas	3548	GT-2A				
Decker Creek	Texas	3548	GT-2B				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Channel Energy Center	Texas	55299	CTG2				
Channelview Cogeneration Facility	Texas	55187	CHV1				
Channelview Cogeneration Facility	Texas	55187	CHV2				
Channelview Cogeneration Facility	Texas	55187	CHV3				
Channelview Cogeneration Facility	Texas	55187	CHV4				
Clear Lake Cogeneration	Texas	10741	G102				
Clear Lake Cogeneration	Texas	10741	G103				
Clear Lake Cogeneration	Texas	10741	G104				
Coleta Creek	Texas	6178	1				
Colorado Bend Energy Center	Texas	56350	CT1A				
Colorado Bend Energy Center	Texas	56350	CT1B				
Colorado Bend Energy Center	Texas	56350	CT2A				
Colorado Bend Energy Center	Texas	56350	CT2B				
Copper Station	Texas	9	CTG-1				
Corpus Christi	Texas	50475	GEN1				
Corpus Christi Energy Center	Texas	55206	CU1				
Corpus Christi Energy Center	Texas	55206	CU2				
Cottonwood Energy Project	Texas	55358	CT1				
Cottonwood Energy Project	Texas	55358	CT2				
Cottonwood Energy Project	Texas	55358	CT3				
Cottonwood Energy Project	Texas	55358	CT4				
Decker Creek	Texas	3548	1				
Decker Creek	Texas	3548	2				
Decker Creek	Texas	3548	GT-1A				
Decker Creek	Texas	3548	GT-1B				
Decker Creek	Texas	3548	GT-2A				
Decker Creek	Texas	3548	GT-2B				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Channel Energy Center	Texas	55299	CTG2	150	150	150	150
Channelview Cogeneration Facility	Texas	55187	CHV1	81	81	81	81
Channelview Cogeneration Facility	Texas	55187	CHV2	77	77	77	77
Channelview Cogeneration Facility	Texas	55187	CHV3	88	88	88	88
Channelview Cogeneration Facility	Texas	55187	CHV4	82	82	82	82
Clear Lake Cogeneration	Texas	10741	G102	111	111	111	111
Clear Lake Cogeneration	Texas	10741	G103	108	108	108	108
Clear Lake Cogeneration	Texas	10741	G104	107	107	107	107
Coletto Creek	Texas	6178	1	2,693	2,693	2,693	2,693
Colorado Bend Energy Center	Texas	56350	CT1A	26	26	26	26
Colorado Bend Energy Center	Texas	56350	CT1B	23	23	23	23
Colorado Bend Energy Center	Texas	56350	CT2A	34	34	34	34
Colorado Bend Energy Center	Texas	56350	CT2B	35	35	35	35
Copper Station	Texas	9	CTG-1	13	13	13	13
Corpus Christi	Texas	50475	GEN1	209	209	209	209
Corpus Christi Energy Center	Texas	55206	CU1	218	218	218	218
Corpus Christi Energy Center	Texas	55206	CU2	217	217	217	217
Cottonwood Energy Project	Texas	55358	CT1	80	80	80	80
Cottonwood Energy Project	Texas	55358	CT2	73	73	73	73
Cottonwood Energy Project	Texas	55358	CT3	65	65	65	65
Cottonwood Energy Project	Texas	55358	CT4	67	67	67	67
Decker Creek	Texas	3548	1	378	378	378	378
Decker Creek	Texas	3548	2	406	406	406	406
Decker Creek	Texas	3548	GT-1A	5	5	5	5
Decker Creek	Texas	3548	GT-1B	5	5	5	5
Decker Creek	Texas	3548	GT-2A	6	6	6	6
Decker Creek	Texas	3548	GT-2B	6	6	6	6

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)		
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Channel Energy Center	Texas	55299	CTG2	150	150	6,494,098	5,743,267	4,314,735
Channelview Cogeneration Facility	Texas	55187	CHV1	81	81	6,091,394	5,856,654	5,637,989
Channelview Cogeneration Facility	Texas	55187	CHV2	77	77	6,201,969	5,599,266	5,310,481
Channelview Cogeneration Facility	Texas	55187	CHV3	88	88	5,819,539	5,651,184	5,841,830
Channelview Cogeneration Facility	Texas	55187	CHV4	82	82	6,112,519	6,097,698	6,368,440
Clear Lake Cogeneration	Texas	10741	G102	111	111			1,979,441
Clear Lake Cogeneration	Texas	10741	G103	108	108			1,753,948
Clear Lake Cogeneration	Texas	10741	G104	107	107			1,683,881
Coleta Creek	Texas	6178	1	2,693	2,693	22,490,640	21,297,733	22,225,026
Colorado Bend Energy Center	Texas	56350	CT1A	26	26		823,521	1,505,060
Colorado Bend Energy Center	Texas	56350	CT1B	23	23		758,230	1,428,547
Colorado Bend Energy Center	Texas	56350	CT2A	34	34			601,392
Colorado Bend Energy Center	Texas	56350	CT2B	35	35			611,879
Copper Station	Texas	9	CTG-1	13	13			254,627
Corpus Christi	Texas	50475	GEN1	209	209	2,101,360	1,582,951	2,302,660
Corpus Christi Energy Center	Texas	55206	CU1	218	218	5,007,357	4,784,563	5,332,341
Corpus Christi Energy Center	Texas	55206	CU2	217	217	4,707,481	6,238,099	5,440,410
Cottonwood Energy Project	Texas	55358	CT1	80	80	2,045,512	3,766,138	4,495,082
Cottonwood Energy Project	Texas	55358	CT2	73	73	1,813,673	4,412,426	4,095,571
Cottonwood Energy Project	Texas	55358	CT3	65	65	3,763,060	3,762,889	2,977,370
Cottonwood Energy Project	Texas	55358	CT4	67	67	3,088,509	4,073,410	2,904,146
Decker Creek	Texas	3548	1	378	378	4,633,097	3,236,779	5,357,770
Decker Creek	Texas	3548	2	406	406	5,958,407	3,915,660	6,670,415
Decker Creek	Texas	3548	GT-1A	5	5			26,684
Decker Creek	Texas	3548	GT-1B	5	5			26,684
Decker Creek	Texas	3548	GT-2A	6	6			125,664
Decker Creek	Texas	3548	GT-2B	6	6			125,664

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Channel Energy Center	Texas	55299	CTG2	5,458,687	4,217,531	5,898,684	1,726,255,329	0.003417
Channelview Cogeneration Facility	Texas	55187	CHV1	6,001,630	6,342,349	6,145,124	1,726,255,329	0.003560
Channelview Cogeneration Facility	Texas	55187	CHV2	6,490,731	6,152,187	6,281,629	1,726,255,329	0.003639
Channelview Cogeneration Facility	Texas	55187	CHV3	5,702,699	6,361,655	6,007,674	1,726,255,329	0.003480
Channelview Cogeneration Facility	Texas	55187	CHV4	6,388,990	6,427,624	6,395,018	1,726,255,329	0.003705
Clear Lake Cogeneration	Texas	10741	G102	1,422,435	1,699,522	1,700,466	1,726,255,329	0.000985
Clear Lake Cogeneration	Texas	10741	G103	1,637,815	1,017,835	1,469,866	1,726,255,329	0.000851
Clear Lake Cogeneration	Texas	10741	G104	1,272,306	1,251,563	1,402,583	1,726,255,329	0.000813
Coleto Creek	Texas	6178	1	21,288,916	21,896,218	22,203,961	1,726,255,329	0.012863
Colorado Bend Energy Center	Texas	56350	CT1A	1,418,619	1,763,251	1,562,310	1,726,255,329	0.000905
Colorado Bend Energy Center	Texas	56350	CT1B	1,557,518	1,442,896	1,476,320	1,726,255,329	0.000855
Colorado Bend Energy Center	Texas	56350	CT2A	2,125,717	1,879,925	1,535,678	1,726,255,329	0.000890
Colorado Bend Energy Center	Texas	56350	CT2B	2,140,347	1,852,856	1,535,027	1,726,255,329	0.000889
Copper Station	Texas	9	CTG-1	135,607	146,678	178,971	1,726,255,329	0.000104
Corpus Christi	Texas	50475	GEN1	2,280,679		2,228,233	1,726,255,329	0.001291
Corpus Christi Energy Center	Texas	55206	CU1	6,148,606	5,603,014	5,694,654	1,726,255,329	0.003299
Corpus Christi Energy Center	Texas	55206	CU2	5,102,850	5,977,032	5,885,180	1,726,255,329	0.003409
Cottonwood Energy Project	Texas	55358	CT1	2,533,342	3,156,799	3,806,006	1,726,255,329	0.002205
Cottonwood Energy Project	Texas	55358	CT2	2,794,554	4,016,391	4,174,796	1,726,255,329	0.002418
Cottonwood Energy Project	Texas	55358	CT3	3,798,395	4,448,949	4,003,468	1,726,255,329	0.002319
Cottonwood Energy Project	Texas	55358	CT4	3,479,937	595,595	3,547,285	1,726,255,329	0.002055
Decker Creek	Texas	3548	1	4,264,443	2,581,251	4,751,770	1,726,255,329	0.002753
Decker Creek	Texas	3548	2	6,866,781	6,057,981	6,531,725	1,726,255,329	0.003784
Decker Creek	Texas	3548	GT-1A	45,616	64,057	45,452	1,726,255,329	0.000026
Decker Creek	Texas	3548	GT-1B	45,616	64,057	45,452	1,726,255,329	0.000026
Decker Creek	Texas	3548	GT-2A	27,199	25,414	59,425	1,726,255,329	0.000034
Decker Creek	Texas	3548	GT-2B	27,199	25,414	59,425	1,726,255,329	0.000034

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Channel Energy Center	Texas	55299	CTG2	62,938	62,938	215	215	34	35
Channelview Cogeneration Facility	Texas	55187	CHV1	62,938	62,938	224	224	32	32
Channelview Cogeneration Facility	Texas	55187	CHV2	62,938	62,938	229	229	35	37
Channelview Cogeneration Facility	Texas	55187	CHV3	62,938	62,938	219	219	38	32
Channelview Cogeneration Facility	Texas	55187	CHV4	62,938	62,938	233	233	35	32
Clear Lake Cogeneration	Texas	10741	G102	62,938	62,938	62	62		
Clear Lake Cogeneration	Texas	10741	G103	62,938	62,938	54	54		
Clear Lake Cogeneration	Texas	10741	G104	62,938	62,938	51	51		
Coleto Creek	Texas	6178	1	62,938	62,938	810	810	1,629	1,585
Colorado Bend Energy Center	Texas	56350	CT1A	62,938	62,938	57	57	0	
Colorado Bend Energy Center	Texas	56350	CT1B	62,938	62,938	54	54	0	
Colorado Bend Energy Center	Texas	56350	CT2A	62,938	62,938	56	56	0	
Colorado Bend Energy Center	Texas	56350	CT2B	62,938	62,938	56	56	0	
Copper Station	Texas	9	CTG-1	62,938	62,938	7	7		
Corpus Christi	Texas	50475	GEN1	62,938	62,938	81	81		69
Corpus Christi Energy Center	Texas	55206	CU1	62,938	62,938	208	208	65	90
Corpus Christi Energy Center	Texas	55206	CU2	62,938	62,938	215	215	57	79
Cottonwood Energy Project	Texas	55358	CT1	62,938	62,938	139	139	11	23
Cottonwood Energy Project	Texas	55358	CT2	62,938	62,938	152	152	16	36
Cottonwood Energy Project	Texas	55358	CT3	62,938	62,938	146	146	17	22
Cottonwood Energy Project	Texas	55358	CT4	62,938	62,938	129	129	19	31
Decker Creek	Texas	3548	1	62,938	62,938	173	173	270	459
Decker Creek	Texas	3548	2	62,938	62,938	238	238	211	96
Decker Creek	Texas	3548	GT-1A	62,938	62,938	2	2		
Decker Creek	Texas	3548	GT-1B	62,938	62,938	2	2		
Decker Creek	Texas	3548	GT-2A	62,938	62,938	2	2		
Decker Creek	Texas	3548	GT-2B	62,938	62,938	2	2		

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Channel Energy Center	Texas	55299	CTG2	44	49	88	33	37	28
Channelview Cogeneration Facility	Texas	55187	CHV1	30	36	32	32	32	34
Channelview Cogeneration Facility	Texas	55187	CHV2	31	36	31	29	35	33
Channelview Cogeneration Facility	Texas	55187	CHV3	28	35	31	32	31	33
Channelview Cogeneration Facility	Texas	55187	CHV4	36	37	34	35	35	34
Clear Lake Cogeneration	Texas	10741	G102				74	74	81
Clear Lake Cogeneration	Texas	10741	G103				75	106	51
Clear Lake Cogeneration	Texas	10741	G104				65	76	58
Coleta Creek	Texas	6178	1	1,643	1,571	1,533	1,796	1,790	1,623
Colorado Bend Energy Center	Texas	56350	CT1A			8	13	13	16
Colorado Bend Energy Center	Texas	56350	CT1B			8	12	11	11
Colorado Bend Energy Center	Texas	56350	CT2A				6	20	20
Colorado Bend Energy Center	Texas	56350	CT2B				6	20	19
Copper Station	Texas	9	CTG-1				29	14	15
Corpus Christi	Texas	50475	GEN1	108		73			
Corpus Christi Energy Center	Texas	55206	CU1	67	75	65	84	81	91
Corpus Christi Energy Center	Texas	55206	CU2	73	60	94	81	95	91
Cottonwood Energy Project	Texas	55358	CT1	26	21	33	39	24	28
Cottonwood Energy Project	Texas	55358	CT2	34	18	38	35	25	34
Cottonwood Energy Project	Texas	55358	CT3	26	35	35	27	27	31
Cottonwood Energy Project	Texas	55358	CT4	26	30	34	27	30	5
Decker Creek	Texas	3548	1	273	253	158	307	243	129
Decker Creek	Texas	3548	2	168	240	154	284	280	231
Decker Creek	Texas	3548	GT-1A				9	16	22
Decker Creek	Texas	3548	GT-1B				9	16	22
Decker Creek	Texas	3548	GT-2A				44	10	9
Decker Creek	Texas	3548	GT-2B				44	10	9

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Channel Energy Center	Texas	55299	CTG2	88					
Channelview Cogeneration Facility	Texas	55187	CHV1	36					
Channelview Cogeneration Facility	Texas	55187	CHV2	37					
Channelview Cogeneration Facility	Texas	55187	CHV3	38					
Channelview Cogeneration Facility	Texas	55187	CHV4	37					
Clear Lake Cogeneration	Texas	10741	G102	81					
Clear Lake Cogeneration	Texas	10741	G103	106					
Clear Lake Cogeneration	Texas	10741	G104	76					
Coletto Creek	Texas	6178	1	1,796					
Colorado Bend Energy Center	Texas	56350	CT1A	16					
Colorado Bend Energy Center	Texas	56350	CT1B	12					
Colorado Bend Energy Center	Texas	56350	CT2A	20					
Colorado Bend Energy Center	Texas	56350	CT2B	20					
Copper Station	Texas	9	CTG-1	29					
Corpus Christi	Texas	50475	GEN1	108					
Corpus Christi Energy Center	Texas	55206	CU1	91					
Corpus Christi Energy Center	Texas	55206	CU2	95					
Cottonwood Energy Project	Texas	55358	CT1	39					
Cottonwood Energy Project	Texas	55358	CT2	38					
Cottonwood Energy Project	Texas	55358	CT3	35					
Cottonwood Energy Project	Texas	55358	CT4	34					
Decker Creek	Texas	3548	1	459					
Decker Creek	Texas	3548	2	284					
Decker Creek	Texas	3548	GT-1A	22					
Decker Creek	Texas	3548	GT-1B	22					
Decker Creek	Texas	3548	GT-2A	44					
Decker Creek	Texas	3548	GT-2B	44					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Channel Energy Center	Texas	55299	CTG2			88	88
Channelview Cogeneration Facility	Texas	55187	CHV1			36	36
Channelview Cogeneration Facility	Texas	55187	CHV2			37	37
Channelview Cogeneration Facility	Texas	55187	CHV3			38	38
Channelview Cogeneration Facility	Texas	55187	CHV4			37	37
Clear Lake Cogeneration	Texas	10741	G102			81	81
Clear Lake Cogeneration	Texas	10741	G103			78	78
Clear Lake Cogeneration	Texas	10741	G104			74	74
Coleta Creek	Texas	6178	1			1,178	1,178
Colorado Bend Energy Center	Texas	56350	CT1A			16	16
Colorado Bend Energy Center	Texas	56350	CT1B			12	12
Colorado Bend Energy Center	Texas	56350	CT2A			20	20
Colorado Bend Energy Center	Texas	56350	CT2B			20	20
Copper Station	Texas	9	CTG-1			9	9
Corpus Christi	Texas	50475	GEN1			108	108
Corpus Christi Energy Center	Texas	55206	CU1			91	91
Corpus Christi Energy Center	Texas	55206	CU2			95	95
Cottonwood Energy Project	Texas	55358	CT1			39	39
Cottonwood Energy Project	Texas	55358	CT2			38	38
Cottonwood Energy Project	Texas	55358	CT3			35	35
Cottonwood Energy Project	Texas	55358	CT4			34	34
Decker Creek	Texas	3548	1			252	252
Decker Creek	Texas	3548	2			284	284
Decker Creek	Texas	3548	GT-1A			2	2
Decker Creek	Texas	3548	GT-1B			2	2
Decker Creek	Texas	3548	GT-2A			3	3
Decker Creek	Texas	3548	GT-2B			3	3

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI))	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ))	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK))	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL))
Channel Energy Center	Texas	55299	CTG2	88	88	88	88
Channelview Cogeneration Facility	Texas	55187	CHV1	36	36	36	36
Channelview Cogeneration Facility	Texas	55187	CHV2	37	37	37	37
Channelview Cogeneration Facility	Texas	55187	CHV3	38	38	38	38
Channelview Cogeneration Facility	Texas	55187	CHV4	37	37	37	37
Clear Lake Cogeneration	Texas	10741	G102	81	81	81	81
Clear Lake Cogeneration	Texas	10741	G103	78	78	78	78
Clear Lake Cogeneration	Texas	10741	G104	74	74	74	74
Coletto Creek	Texas	6178	1	1,178	1,178	1,178	1,178
Colorado Bend Energy Center	Texas	56350	CT1A	16	16	16	16
Colorado Bend Energy Center	Texas	56350	CT1B	12	12	12	12
Colorado Bend Energy Center	Texas	56350	CT2A	20	20	20	20
Colorado Bend Energy Center	Texas	56350	CT2B	20	20	20	20
Copper Station	Texas	9	CTG-1	9	9	9	9
Corpus Christi	Texas	50475	GEN1	108	108	108	108
Corpus Christi Energy Center	Texas	55206	CU1	91	91	91	91
Corpus Christi Energy Center	Texas	55206	CU2	95	95	95	95
Cottonwood Energy Project	Texas	55358	CT1	39	39	39	39
Cottonwood Energy Project	Texas	55358	CT2	38	38	38	38
Cottonwood Energy Project	Texas	55358	CT3	35	35	35	35
Cottonwood Energy Project	Texas	55358	CT4	34	34	34	34
Decker Creek	Texas	3548	1	252	252	252	252
Decker Creek	Texas	3548	2	284	284	284	284
Decker Creek	Texas	3548	GT-1A	2	2	2	2
Decker Creek	Texas	3548	GT-1B	2	2	2	2
Decker Creek	Texas	3548	GT-2A	3	3	3	3
Decker Creek	Texas	3548	GT-2B	3	3	3	3

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Channel Energy Center	Texas	55299	CTG2	Y		Y	Y		
Channelview Cogeneration Facility	Texas	55187	CHV1	Y		Y	Y		
Channelview Cogeneration Facility	Texas	55187	CHV2	Y		Y	Y		
Channelview Cogeneration Facility	Texas	55187	CHV3	Y		Y	Y		
Channelview Cogeneration Facility	Texas	55187	CHV4	Y		Y	Y		
Clear Lake Cogeneration	Texas	10741	G102	Y		Y	Y		
Clear Lake Cogeneration	Texas	10741	G103	Y		Y	Y		
Clear Lake Cogeneration	Texas	10741	G104	Y		Y	Y		
Coletto Creek	Texas	6178	1	Y		Y	Y		
Colorado Bend Energy Center	Texas	56350	CT1A	Y		Y	Y		
Colorado Bend Energy Center	Texas	56350	CT1B	Y		Y	Y		
Colorado Bend Energy Center	Texas	56350	CT2A	Y		Y	Y		
Colorado Bend Energy Center	Texas	56350	CT2B	Y		Y	Y		
Copper Station	Texas	9	CTG-1	Y		Y	Y		
Corpus Christi	Texas	50475	GEN1	Y		Y	Y	Y	
Corpus Christi Energy Center	Texas	55206	CU1	Y		Y	Y		
Corpus Christi Energy Center	Texas	55206	CU2	Y		Y	Y		
Cottonwood Energy Project	Texas	55358	CT1	Y		Y	Y		
Cottonwood Energy Project	Texas	55358	CT2	Y		Y	Y		
Cottonwood Energy Project	Texas	55358	CT3	Y		Y	Y		
Cottonwood Energy Project	Texas	55358	CT4	Y		Y	Y		
Decker Creek	Texas	3548	1	Y		Y	Y		
Decker Creek	Texas	3548	2	Y		Y	Y		
Decker Creek	Texas	3548	GT-1A	Y		Y	Y		
Decker Creek	Texas	3548	GT-1B	Y		Y	Y		
Decker Creek	Texas	3548	GT-2A	Y		Y	Y		
Decker Creek	Texas	3548	GT-2B	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Decker Creek	Texas	3548	GT-3A	89915			217,809	147,189	43,670
Decker Creek	Texas	3548	GT-3B	89916			217,809	147,189	43,670
Decker Creek	Texas	3548	GT-4A	89917			178,028	90,986	67,830
Decker Creek	Texas	3548	GT-4B	89918			178,028	90,986	67,830
Decordova	Texas	8063	1	3454	646,761	1,766,185	4,317,585	3,594,381	
Decordova	Texas	8063	CT1	90028			117,367	223,253	80,749
Decordova	Texas	8063	CT2	90029			125,003	178,893	61,665
Decordova	Texas	8063	CT3	90030			139,010	120,737	84,255
Decordova	Texas	8063	CT4	90031			138,579	147,389	74,406
Deer Park Energy Center	Texas	55464	CTG1	4821	17,978,735	16,703,400	14,769,167	16,052,272	14,832,305
Deer Park Energy Center	Texas	55464	CTG2	4822	16,765,028	17,719,503	15,640,149	14,824,115	16,816,020
Deer Park Energy Center	Texas	55464	CTG3	4823	13,573,403	16,660,091	16,786,767	16,278,825	15,001,345
Deer Park Energy Center	Texas	55464	CTG4	4824	16,649,645	17,188,055	17,161,625	14,250,311	12,569,196
EG178 Facility	Texas	56233	CT02		3,394,316	3,311,140	3,295,538	3,288,288	
EG178 Facility	Texas	56233	CTG1		3,394,316	3,311,140	3,295,538	3,288,288	
Eastman Cogeneration Facility	Texas	55176	1	4065	10,094,650	9,430,219	10,495,993	10,082,523	8,532,103
Eastman Cogeneration Facility	Texas	55176	2	4066	9,791,838	12,258,776	10,189,765	10,677,206	11,073,717
Ennis Power Company, LLC	Texas	55223	GT-1	4182	9,210,446	12,028,412	10,675,445	9,754,611	10,747,994
Exelon Laporte Generating Station	Texas	55365	GT-1	4559	259,555	98,825	275,837	112,208	132,239
Exelon Laporte Generating Station	Texas	55365	GT-2	4560	256,112	91,846	275,544	115,552	126,467
Exelon Laporte Generating Station	Texas	55365	GT-3	4561	263,180	104,788	236,184	80,515	113,304
Exelon Laporte Generating Station	Texas	55365	GT-4	4562	289,062	100,168	228,312	104,042	75,759
ExxonMobil Beaumont Refinery	Texas	50625	33				2,208,114	1,847,540	1,369,747
ExxonMobil Beaumont Refinery	Texas	50625	34				738,981	2,201,551	2,117,986
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	3679	13,051,744	10,218,503	11,646,814	6,193,324	9,800,219
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	3680	12,940,417	10,280,624	8,741,126	12,050,616	11,351,801
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	3681	12,799,352	9,857,070	9,934,375	12,602,039	13,327,684

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Decker Creek	Texas	3548	GT-3A	136,222	3,511,906,933	0.000039	279,747	279,747
Decker Creek	Texas	3548	GT-3B	136,222	3,511,906,933	0.000039	279,747	279,747
Decker Creek	Texas	3548	GT-4A	112,281	3,511,906,933	0.000032	279,747	279,747
Decker Creek	Texas	3548	GT-4B	112,281	3,511,906,933	0.000032	279,747	279,747
Decordova	Texas	8063	1	3,226,050	3,511,906,933	0.000919	279,747	279,747
Decordova	Texas	8063	CT1	140,457	3,511,906,933	0.000040	279,747	279,747
Decordova	Texas	8063	CT2	121,854	3,511,906,933	0.000035	279,747	279,747
Decordova	Texas	8063	CT3	114,667	3,511,906,933	0.000033	279,747	279,747
Decordova	Texas	8063	CT4	120,125	3,511,906,933	0.000034	279,747	279,747
Deer Park Energy Center	Texas	55464	CTG1	16,911,469	3,511,906,933	0.004815	279,747	279,747
Deer Park Energy Center	Texas	55464	CTG2	17,100,184	3,511,906,933	0.004869	279,747	279,747
Deer Park Energy Center	Texas	55464	CTG3	16,575,228	3,511,906,933	0.004720	279,747	279,747
Deer Park Energy Center	Texas	55464	CTG4	16,999,775	3,511,906,933	0.004841	279,747	279,747
EG178 Facility	Texas	56233	CT02	3,333,664	3,511,906,933	0.000949	279,747	279,747
EG178 Facility	Texas	56233	CTG1	3,333,664	3,511,906,933	0.000949	279,747	279,747
Eastman Cogeneration Facility	Texas	55176	1	10,224,389	3,511,906,933	0.002911	279,747	279,747
Eastman Cogeneration Facility	Texas	55176	2	11,336,566	3,511,906,933	0.003228	279,747	279,747
Ennis Power Company, LLC	Texas	55223	GT-1	11,150,617	3,511,906,933	0.003175	279,747	279,747
Exelon Laporte Generating Station	Texas	55365	GT-1	222,544	3,511,906,933	0.000063	279,747	279,747
Exelon Laporte Generating Station	Texas	55365	GT-2	219,375	3,511,906,933	0.000062	279,747	279,747
Exelon Laporte Generating Station	Texas	55365	GT-3	204,222	3,511,906,933	0.000058	279,747	279,747
Exelon Laporte Generating Station	Texas	55365	GT-4	207,139	3,511,906,933	0.000059	279,747	279,747
ExxonMobil Beaumont Refinery	Texas	50625	33	1,808,467	3,511,906,933	0.000515	279,747	279,747
ExxonMobil Beaumont Refinery	Texas	50625	34	1,686,173	3,511,906,933	0.000480	279,747	279,747
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	11,639,020	3,511,906,933	0.003314	279,747	279,747
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	12,114,278	3,511,906,933	0.003449	279,747	279,747
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	12,909,692	3,511,906,933	0.003676	279,747	279,747

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Decker Creek	Texas	3548	GT-3A	132,193	132,193	11	11	5	5
Decker Creek	Texas	3548	GT-3B	132,193	132,193	11	11	5	5
Decker Creek	Texas	3548	GT-4A	132,193	132,193	9	9	4	4
Decker Creek	Texas	3548	GT-4B	132,193	132,193	9	9	4	4
Decordova	Texas	8063	1	132,193	132,193	257	257	121	121
Decordova	Texas	8063	CT1	132,193	132,193	11	11	5	5
Decordova	Texas	8063	CT2	132,193	132,193	10	10	5	5
Decordova	Texas	8063	CT3	132,193	132,193	9	9	4	4
Decordova	Texas	8063	CT4	132,193	132,193	10	10	5	5
Deer Park Energy Center	Texas	55464	CTG1	132,193	132,193	1,347	1,347	637	637
Deer Park Energy Center	Texas	55464	CTG2	132,193	132,193	1,362	1,362	644	644
Deer Park Energy Center	Texas	55464	CTG3	132,193	132,193	1,320	1,320	624	624
Deer Park Energy Center	Texas	55464	CTG4	132,193	132,193	1,354	1,354	640	640
EG178 Facility	Texas	56233	CT02	132,193	132,193	266	266	125	125
EG178 Facility	Texas	56233	CTG1	132,193	132,193	266	266	125	125
Eastman Cogeneration Facility	Texas	55176	1	132,193	132,193	814	814	385	385
Eastman Cogeneration Facility	Texas	55176	2	132,193	132,193	903	903	427	427
Ennis Power Company, LLC	Texas	55223	GT-1	132,193	132,193	888	888	420	420
Exelon Laporte Generating Station	Texas	55365	GT-1	132,193	132,193	18	18	8	8
Exelon Laporte Generating Station	Texas	55365	GT-2	132,193	132,193	17	17	8	8
Exelon Laporte Generating Station	Texas	55365	GT-3	132,193	132,193	16	16	8	8
Exelon Laporte Generating Station	Texas	55365	GT-4	132,193	132,193	16	16	8	8
ExxonMobil Beaumont Refinery	Texas	50625	33	132,193	132,193	144	144	68	68
ExxonMobil Beaumont Refinery	Texas	50625	34	132,193	132,193	134	134	63	63
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	132,193	132,193	927	927	438	438
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	132,193	132,193	965	965	456	456
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	132,193	132,193	1,028	1,028	486	486

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Decker Creek	Texas	3548	GT-3A					
Decker Creek	Texas	3548	GT-3B					
Decker Creek	Texas	3548	GT-4A					
Decker Creek	Texas	3548	GT-4B					
Decordova	Texas	8063	1	9	1	1	0	1
Decordova	Texas	8063	CT1					
Decordova	Texas	8063	CT2					
Decordova	Texas	8063	CT3					
Decordova	Texas	8063	CT4					
Deer Park Energy Center	Texas	55464	CTG1	4	4	5	5	5
Deer Park Energy Center	Texas	55464	CTG2	2	4	5	5	5
Deer Park Energy Center	Texas	55464	CTG3		5	5	4	5
Deer Park Energy Center	Texas	55464	CTG4		4	5	5	5
EG178 Facility	Texas	56233	CT02				3	6
EG178 Facility	Texas	56233	CTG1				3	6
Eastman Cogeneration Facility	Texas	55176	1	1	3	3	3	3
Eastman Cogeneration Facility	Texas	55176	2	4	3	3	3	4
Ennis Power Company, LLC	Texas	55223	GT-1	2	3	3	3	4
Exelon Laporte Generating Station	Texas	55365	GT-1	3	1	7	0	0
Exelon Laporte Generating Station	Texas	55365	GT-2	3	1	10	0	0
Exelon Laporte Generating Station	Texas	55365	GT-3	2	2	8	0	0
Exelon Laporte Generating Station	Texas	55365	GT-4	3	2	9	0	0
ExxonMobil Beaumont Refinery	Texas	50625	33		7	6		
ExxonMobil Beaumont Refinery	Texas	50625	34		7	5		
Exxonmobil Beaumont Refinery	Texas	50625	61STK1			1	4	3
Exxonmobil Beaumont Refinery	Texas	50625	61STK2			2	4	3
Exxonmobil Beaumont Refinery	Texas	50625	61STK3			2	4	3

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns V - AC		
Decker Creek	Texas	3548	GT-3A		0	0	0		
Decker Creek	Texas	3548	GT-3B		0	0	0		
Decker Creek	Texas	3548	GT-4A		0	0	0		
Decker Creek	Texas	3548	GT-4B		0	0	0		
Decordova	Texas	8063	1	1	1		9		
Decordova	Texas	8063	CT1	0	1	1	1		
Decordova	Texas	8063	CT2	0	1	0	1		
Decordova	Texas	8063	CT3	0	1	0	1		
Decordova	Texas	8063	CT4	0	1	1	1		
Deer Park Energy Center	Texas	55464	CTG1	4	5	4	5		
Deer Park Energy Center	Texas	55464	CTG2	5	4	5	5		
Deer Park Energy Center	Texas	55464	CTG3	5	5	5	5		
Deer Park Energy Center	Texas	55464	CTG4	5	4	4	5		
EG178 Facility	Texas	56233	CT02				6		
EG178 Facility	Texas	56233	CTG1				6		
Eastman Cogeneration Facility	Texas	55176	1	3	3	3	3		
Eastman Cogeneration Facility	Texas	55176	2	3	3	3	4		
Ennis Power Company, LLC	Texas	55223	GT-1	3	3	3	4		
Exelon Laporte Generating Station	Texas	55365	GT-1	0	0	0	7		
Exelon Laporte Generating Station	Texas	55365	GT-2	0	0	0	10		
Exelon Laporte Generating Station	Texas	55365	GT-3	0	0	0	8		
Exelon Laporte Generating Station	Texas	55365	GT-4	0	0	0	9		
ExxonMobil Beaumont Refinery	Texas	50625	33				7		
ExxonMobil Beaumont Refinery	Texas	50625	34				7		
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	4	2	3	4		
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	3	4	3	4		
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	3	4	4	4		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Decker Creek	Texas	3548	GT-3A						
Decker Creek	Texas	3548	GT-3B						
Decker Creek	Texas	3548	GT-4A						
Decker Creek	Texas	3548	GT-4B						
Decordova	Texas	8063	1					1,957	136
Decordova	Texas	8063	CT1						
Decordova	Texas	8063	CT2						
Decordova	Texas	8063	CT3						
Decordova	Texas	8063	CT4						
Deer Park Energy Center	Texas	55464	CTG1					55	68
Deer Park Energy Center	Texas	55464	CTG2					35	59
Deer Park Energy Center	Texas	55464	CTG3						88
Deer Park Energy Center	Texas	55464	CTG4						45
EG178 Facility	Texas	56233	CT02						
EG178 Facility	Texas	56233	CTG1						
Eastman Cogeneration Facility	Texas	55176	1					70	134
Eastman Cogeneration Facility	Texas	55176	2					181	132
Ennis Power Company, LLC	Texas	55223	GT-1					99	147
Exelon Laporte Generating Station	Texas	55365	GT-1					6	3
Exelon Laporte Generating Station	Texas	55365	GT-2					6	4
Exelon Laporte Generating Station	Texas	55365	GT-3					6	4
Exelon Laporte Generating Station	Texas	55365	GT-4					7	4
ExxonMobil Beaumont Refinery	Texas	50625	33						127
ExxonMobil Beaumont Refinery	Texas	50625	34						151
Exxonmobil Beaumont Refinery	Texas	50625	61STK1						
Exxonmobil Beaumont Refinery	Texas	50625	61STK2						
Exxonmobil Beaumont Refinery	Texas	50625	61STK3						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Decker Creek	Texas	3548	GT-3A				76	52
Decker Creek	Texas	3548	GT-3B				76	52
Decker Creek	Texas	3548	GT-4A				62	32
Decker Creek	Texas	3548	GT-4B				62	32
Decordova	Texas	8063	1	183	38	118	258	275
Decordova	Texas	8063	CT1				19	35
Decordova	Texas	8063	CT2				21	28
Decordova	Texas	8063	CT3				23	19
Decordova	Texas	8063	CT4				24	23
Deer Park Energy Center	Texas	55464	CTG1	70	76	69	59	65
Deer Park Energy Center	Texas	55464	CTG2	66	64	70	60	56
Deer Park Energy Center	Texas	55464	CTG3	67	55	68	60	58
Deer Park Energy Center	Texas	55464	CTG4	56	59	64	70	53
EG178 Facility	Texas	56233	CT02	42		91		
EG178 Facility	Texas	56233	CTG1	42		91		
Eastman Cogeneration Facility	Texas	55176	1	145	143	135	151	137
Eastman Cogeneration Facility	Texas	55176	2	126	134	150	143	143
Ennis Power Company, LLC	Texas	55223	GT-1	130	143	234	171	141
Exelon Laporte Generating Station	Texas	55365	GT-1	18	19	7	5	2
Exelon Laporte Generating Station	Texas	55365	GT-2	24	19	7	5	2
Exelon Laporte Generating Station	Texas	55365	GT-3	19	20	8	4	1
Exelon Laporte Generating Station	Texas	55365	GT-4	22	22	8	3	1
ExxonMobil Beaumont Refinery	Texas	50625	33	87				
ExxonMobil Beaumont Refinery	Texas	50625	34	71				
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	52	126	200	176	67
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	52	111	105	97	140
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	59	109	95	115	128

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Decker Creek	Texas	3548	GT-3A	15	76				
Decker Creek	Texas	3548	GT-3B	15	76				
Decker Creek	Texas	3548	GT-4A	24	62				
Decker Creek	Texas	3548	GT-4B	24	62				
Decordova	Texas	8063	1		1,957				
Decordova	Texas	8063	CT1	13	35				
Decordova	Texas	8063	CT2	10	28				
Decordova	Texas	8063	CT3	13	23				
Decordova	Texas	8063	CT4	12	24				
Deer Park Energy Center	Texas	55464	CTG1	63	76				
Deer Park Energy Center	Texas	55464	CTG2	64	70				
Deer Park Energy Center	Texas	55464	CTG3	56	88				
Deer Park Energy Center	Texas	55464	CTG4	46	70				
EG178 Facility	Texas	56233	CT02		91				
EG178 Facility	Texas	56233	CTG1		91				
Eastman Cogeneration Facility	Texas	55176	1	124	151				
Eastman Cogeneration Facility	Texas	55176	2	171	181				
Ennis Power Company, LLC	Texas	55223	GT-1	143	234				
Exelon Laporte Generating Station	Texas	55365	GT-1	7	19				
Exelon Laporte Generating Station	Texas	55365	GT-2	6	24				
Exelon Laporte Generating Station	Texas	55365	GT-3	6	20				
Exelon Laporte Generating Station	Texas	55365	GT-4	4	22				
ExxonMobil Beaumont Refinery	Texas	50625	33		127				
ExxonMobil Beaumont Refinery	Texas	50625	34		151				
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	109	200				
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	133	140				
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	135	135				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Decker Creek	Texas	3548	GT-3A				
Decker Creek	Texas	3548	GT-3B				
Decker Creek	Texas	3548	GT-4A				
Decker Creek	Texas	3548	GT-4B				
Decordova	Texas	8063	1				
Decordova	Texas	8063	CT1				
Decordova	Texas	8063	CT2				
Decordova	Texas	8063	CT3				
Decordova	Texas	8063	CT4				
Deer Park Energy Center	Texas	55464	CTG1				
Deer Park Energy Center	Texas	55464	CTG2				
Deer Park Energy Center	Texas	55464	CTG3				
Deer Park Energy Center	Texas	55464	CTG4				
EG178 Facility	Texas	56233	CT02				
EG178 Facility	Texas	56233	CTG1				
Eastman Cogeneration Facility	Texas	55176	1				
Eastman Cogeneration Facility	Texas	55176	2				
Ennis Power Company, LLC	Texas	55223	GT-1				
Exelon Laporte Generating Station	Texas	55365	GT-1				
Exelon Laporte Generating Station	Texas	55365	GT-2				
Exelon Laporte Generating Station	Texas	55365	GT-3				
Exelon Laporte Generating Station	Texas	55365	GT-4				
ExxonMobil Beaumont Refinery	Texas	50625	33				
ExxonMobil Beaumont Refinery	Texas	50625	34				
Exxonmobil Beaumont Refinery	Texas	50625	61STK1				
Exxonmobil Beaumont Refinery	Texas	50625	61STK2				
Exxonmobil Beaumont Refinery	Texas	50625	61STK3				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Decker Creek	Texas	3548	GT-3A				
Decker Creek	Texas	3548	GT-3B				
Decker Creek	Texas	3548	GT-4A				
Decker Creek	Texas	3548	GT-4B				
Decordova	Texas	8063	1				
Decordova	Texas	8063	CT1				
Decordova	Texas	8063	CT2				
Decordova	Texas	8063	CT3				
Decordova	Texas	8063	CT4				
Deer Park Energy Center	Texas	55464	CTG1				
Deer Park Energy Center	Texas	55464	CTG2				
Deer Park Energy Center	Texas	55464	CTG3				
Deer Park Energy Center	Texas	55464	CTG4				
EG178 Facility	Texas	56233	CT02				
EG178 Facility	Texas	56233	CTG1				
Eastman Cogeneration Facility	Texas	55176	1				
Eastman Cogeneration Facility	Texas	55176	2				
Ennis Power Company, LLC	Texas	55223	GT-1				
Exelon Laporte Generating Station	Texas	55365	GT-1				
Exelon Laporte Generating Station	Texas	55365	GT-2				
Exelon Laporte Generating Station	Texas	55365	GT-3				
Exelon Laporte Generating Station	Texas	55365	GT-4				
ExxonMobil Beaumont Refinery	Texas	50625	33				
ExxonMobil Beaumont Refinery	Texas	50625	34				
Exxonmobil Beaumont Refinery	Texas	50625	61STK1				
Exxonmobil Beaumont Refinery	Texas	50625	61STK2				
Exxonmobil Beaumont Refinery	Texas	50625	61STK3				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Decker Creek	Texas	3548	GT-3A	7	7	7	7
Decker Creek	Texas	3548	GT-3B	7	7	7	7
Decker Creek	Texas	3548	GT-4A	6	6	6	6
Decker Creek	Texas	3548	GT-4B	6	6	6	6
Decordova	Texas	8063	1	171	171	171	171
Decordova	Texas	8063	CT1	7	7	7	7
Decordova	Texas	8063	CT2	6	6	6	6
Decordova	Texas	8063	CT3	6	6	6	6
Decordova	Texas	8063	CT4	6	6	6	6
Deer Park Energy Center	Texas	55464	CTG1	76	76	76	76
Deer Park Energy Center	Texas	55464	CTG2	70	70	70	70
Deer Park Energy Center	Texas	55464	CTG3	88	88	88	88
Deer Park Energy Center	Texas	55464	CTG4	70	70	70	70
EG178 Facility	Texas	56233	CT02	91	91	91	91
EG178 Facility	Texas	56233	CTG1	91	91	91	91
Eastman Cogeneration Facility	Texas	55176	1	151	151	151	151
Eastman Cogeneration Facility	Texas	55176	2	181	181	181	181
Ennis Power Company, LLC	Texas	55223	GT-1	234	234	234	234
Exelon Laporte Generating Station	Texas	55365	GT-1	12	12	12	12
Exelon Laporte Generating Station	Texas	55365	GT-2	12	12	12	12
Exelon Laporte Generating Station	Texas	55365	GT-3	11	11	11	11
Exelon Laporte Generating Station	Texas	55365	GT-4	11	11	11	11
ExxonMobil Beaumont Refinery	Texas	50625	33	96	96	96	96
ExxonMobil Beaumont Refinery	Texas	50625	34	89	89	89	89
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	200	200	200	200
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	140	140	140	140
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	135	135	135	135

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Decker Creek	Texas	3548	GT-3A	7	7			144,624
Decker Creek	Texas	3548	GT-3B	7	7			144,624
Decker Creek	Texas	3548	GT-4A	6	6			118,167
Decker Creek	Texas	3548	GT-4B	6	6			118,167
Decordova	Texas	8063	1	171	171	646,761	1,691,839	4,316,883
Decordova	Texas	8063	CT1	7	7			61,703
Decordova	Texas	8063	CT2	6	6			60,100
Decordova	Texas	8063	CT3	6	6			83,529
Decordova	Texas	8063	CT4	6	6			87,578
Deer Park Energy Center	Texas	55464	CTG1	76	76	7,628,694	6,653,303	6,987,493
Deer Park Energy Center	Texas	55464	CTG2	70	70	6,641,837	7,242,459	6,904,900
Deer Park Energy Center	Texas	55464	CTG3	88	88	6,454,367	7,642,718	6,811,314
Deer Park Energy Center	Texas	55464	CTG4	70	70	7,072,780	7,685,019	7,359,349
EG178 Facility	Texas	56233	CT02	91	91	1,563,155		1,383,580
EG178 Facility	Texas	56233	CTG1	91	91	1,563,155		1,383,580
Eastman Cogeneration Facility	Texas	55176	1	151	151	4,354,247	3,981,140	5,980,535
Eastman Cogeneration Facility	Texas	55176	2	181	181	5,197,239	6,209,183	2,956,212
Ennis Power Company, LLC	Texas	55223	GT-1	234	234	5,339,333	6,280,188	5,623,819
Exelon Laporte Generating Station	Texas	55365	GT-1	12	12	228,837	60,090	108,015
Exelon Laporte Generating Station	Texas	55365	GT-2	12	12	220,080	56,483	99,612
Exelon Laporte Generating Station	Texas	55365	GT-3	11	11	225,609	59,288	76,806
Exelon Laporte Generating Station	Texas	55365	GT-4	11	11	247,846	57,018	75,717
ExxonMobil Beaumont Refinery	Texas	50625	33	96	96			1,024,251
ExxonMobil Beaumont Refinery	Texas	50625	34	89	89			305,232
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	200	200	5,469,290	4,536,214	4,877,346
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	140	140	5,638,015	4,168,437	3,464,370
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	135	135	5,303,860	2,520,892	3,463,567

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Decker Creek	Texas	3548	GT-3A	92,985	9,272	82,293	1,726,255,329	0.000048
Decker Creek	Texas	3548	GT-3B	92,985	9,272	82,293	1,726,255,329	0.000048
Decker Creek	Texas	3548	GT-4A	73,052	34,097	75,105	1,726,255,329	0.000044
Decker Creek	Texas	3548	GT-4B	73,052	34,097	75,105	1,726,255,329	0.000044
Decordova	Texas	8063	1	3,593,699		3,200,807	1,726,255,329	0.001854
Decordova	Texas	8063	CT1	102,504	55,976	73,394	1,726,255,329	0.000043
Decordova	Texas	8063	CT2	87,862	46,096	64,686	1,726,255,329	0.000037
Decordova	Texas	8063	CT3	93,518	59,562	78,870	1,726,255,329	0.000046
Decordova	Texas	8063	CT4	115,225	48,128	83,644	1,726,255,329	0.000048
Deer Park Energy Center	Texas	55464	CTG1	7,243,183	6,020,040	7,286,457	1,726,255,329	0.004221
Deer Park Energy Center	Texas	55464	CTG2	7,067,083	7,158,979	7,156,174	1,726,255,329	0.004145
Deer Park Energy Center	Texas	55464	CTG3	6,842,282	6,991,919	7,158,973	1,726,255,329	0.004147
Deer Park Energy Center	Texas	55464	CTG4	6,522,891	6,216,814	7,372,383	1,726,255,329	0.004271
EG178 Facility	Texas	56233	CT02	1,698,135		1,548,290	1,726,255,329	0.000897
EG178 Facility	Texas	56233	CTG1	1,698,135		1,548,290	1,726,255,329	0.000897
Eastman Cogeneration Facility	Texas	55176	1	4,333,654	4,353,961	4,896,248	1,726,255,329	0.002836
Eastman Cogeneration Facility	Texas	55176	2	5,216,937	5,005,379	5,541,120	1,726,255,329	0.003210
Ennis Power Company, LLC	Texas	55223	GT-1	6,687,432	6,193,863	6,387,161	1,726,255,329	0.003700
Exelon Laporte Generating Station	Texas	55365	GT-1	44,975	90,557	142,470	1,726,255,329	0.000083
Exelon Laporte Generating Station	Texas	55365	GT-2	46,657	97,287	138,993	1,726,255,329	0.000081
Exelon Laporte Generating Station	Texas	55365	GT-3	33,763	73,899	125,438	1,726,255,329	0.000073
Exelon Laporte Generating Station	Texas	55365	GT-4	42,027	42,067	126,860	1,726,255,329	0.000073
ExxonMobil Beaumont Refinery	Texas	50625	33	1,022,364	648,807	898,474	1,726,255,329	0.000520
ExxonMobil Beaumont Refinery	Texas	50625	34	995,058	830,102	710,131	1,726,255,329	0.000411
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	3,005,593	3,696,785	4,960,950	1,726,255,329	0.002874
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	4,670,694	5,651,790	5,320,166	1,726,255,329	0.003082
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	4,613,529	5,289,587	5,068,992	1,726,255,329	0.002936

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Decker Creek	Texas	3548	GT-3A	62,938	62,938	3	3		
Decker Creek	Texas	3548	GT-3B	62,938	62,938	3	3		
Decker Creek	Texas	3548	GT-4A	62,938	62,938	3	3		
Decker Creek	Texas	3548	GT-4B	62,938	62,938	3	3		
Decordova	Texas	8063	1	62,938	62,938	117	117	791	136
Decordova	Texas	8063	CT1	62,938	62,938	3	3		
Decordova	Texas	8063	CT2	62,938	62,938	2	2		
Decordova	Texas	8063	CT3	62,938	62,938	3	3		
Decordova	Texas	8063	CT4	62,938	62,938	3	3		
Deer Park Energy Center	Texas	55464	CTG1	62,938	62,938	266	266	22	30
Deer Park Energy Center	Texas	55464	CTG2	62,938	62,938	261	261	21	26
Deer Park Energy Center	Texas	55464	CTG3	62,938	62,938	261	261		40
Deer Park Energy Center	Texas	55464	CTG4	62,938	62,938	269	269		26
EG178 Facility	Texas	56233	CT02	62,938	62,938	56	56		
EG178 Facility	Texas	56233	CTG1	62,938	62,938	56	56		
Eastman Cogeneration Facility	Texas	55176	1	62,938	62,938	179	179	14	65
Eastman Cogeneration Facility	Texas	55176	2	62,938	62,938	202	202	67	49
Ennis Power Company, LLC	Texas	55223	GT-1	62,938	62,938	233	233	53	72
Exelon Laporte Generating Station	Texas	55365	GT-1	62,938	62,938	5	5	4	2
Exelon Laporte Generating Station	Texas	55365	GT-2	62,938	62,938	5	5	4	2
Exelon Laporte Generating Station	Texas	55365	GT-3	62,938	62,938	5	5	4	2
Exelon Laporte Generating Station	Texas	55365	GT-4	62,938	62,938	5	5	5	2
ExxonMobil Beaumont Refinery	Texas	50625	33	62,938	62,938	33	33		53
ExxonMobil Beaumont Refinery	Texas	50625	34	62,938	62,938	26	26		71
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	62,938	62,938	181	181		
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	62,938	62,938	194	194		
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	62,938	62,938	185	185		

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Decker Creek	Texas	3548	GT-3A				51	33	3
Decker Creek	Texas	3548	GT-3B				51	33	3
Decker Creek	Texas	3548	GT-4A				41	26	12
Decker Creek	Texas	3548	GT-4B				41	26	12
Decordova	Texas	8063	1	183	38	111	258	275	
Decordova	Texas	8063	CT1				10	16	9
Decordova	Texas	8063	CT2				9	14	7
Decordova	Texas	8063	CT3				13	15	9
Decordova	Texas	8063	CT4				14	18	8
Deer Park Energy Center	Texas	55464	CTG1	33	31	27	28	29	26
Deer Park Energy Center	Texas	55464	CTG2	27	25	28	26	26	26
Deer Park Energy Center	Texas	55464	CTG3	27	25	30	24	24	26
Deer Park Energy Center	Texas	55464	CTG4	26	25	28	28	23	22
EG178 Facility	Texas	56233	CT02	28					
EG178 Facility	Texas	56233	CTG1	28					
Eastman Cogeneration Facility	Texas	55176	1	56	64	53	83	56	68
Eastman Cogeneration Facility	Texas	55176	2	57	68	74	38	63	71
Ennis Power Company, LLC	Texas	55223	GT-1	64	82	87	82	88	77
Exelon Laporte Generating Station	Texas	55365	GT-1	12	17	5	2	1	5
Exelon Laporte Generating Station	Texas	55365	GT-2	18	17	4	2	1	5
Exelon Laporte Generating Station	Texas	55365	GT-3	13	17	4	1	1	4
Exelon Laporte Generating Station	Texas	55365	GT-4	16	19	4	1	1	2
ExxonMobil Beaumont Refinery	Texas	50625	33	20					
ExxonMobil Beaumont Refinery	Texas	50625	34	19					
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	10	53	44	68	32	40
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	36	44	42	38	52	68
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	42	45	23	42	41	54

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Decker Creek	Texas	3548	GT-3A	51					
Decker Creek	Texas	3548	GT-3B	51					
Decker Creek	Texas	3548	GT-4A	41					
Decker Creek	Texas	3548	GT-4B	41					
Decordova	Texas	8063	1	791					
Decordova	Texas	8063	CT1	16					
Decordova	Texas	8063	CT2	14					
Decordova	Texas	8063	CT3	15					
Decordova	Texas	8063	CT4	18					
Deer Park Energy Center	Texas	55464	CTG1	33					
Deer Park Energy Center	Texas	55464	CTG2	28					
Deer Park Energy Center	Texas	55464	CTG3	40					
Deer Park Energy Center	Texas	55464	CTG4	28					
EG178 Facility	Texas	56233	CT02	28					
EG178 Facility	Texas	56233	CTG1	28					
Eastman Cogeneration Facility	Texas	55176	1	83					
Eastman Cogeneration Facility	Texas	55176	2	74					
Ennis Power Company, LLC	Texas	55223	GT-1	88					
Exelon Laporte Generating Station	Texas	55365	GT-1	17					
Exelon Laporte Generating Station	Texas	55365	GT-2	18					
Exelon Laporte Generating Station	Texas	55365	GT-3	17					
Exelon Laporte Generating Station	Texas	55365	GT-4	19					
ExxonMobil Beaumont Refinery	Texas	50625	33	53					
ExxonMobil Beaumont Refinery	Texas	50625	34	71					
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	68					
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	68					
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	54					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Decker Creek	Texas	3548	GT-3A			4	4
Decker Creek	Texas	3548	GT-3B			4	4
Decker Creek	Texas	3548	GT-4A			4	4
Decker Creek	Texas	3548	GT-4B			4	4
Decordova	Texas	8063	1			170	170
Decordova	Texas	8063	CT1			4	4
Decordova	Texas	8063	CT2			3	3
Decordova	Texas	8063	CT3			4	4
Decordova	Texas	8063	CT4			4	4
Deer Park Energy Center	Texas	55464	CTG1			33	33
Deer Park Energy Center	Texas	55464	CTG2			28	28
Deer Park Energy Center	Texas	55464	CTG3			40	40
Deer Park Energy Center	Texas	55464	CTG4			28	28
EG178 Facility	Texas	56233	CT02			28	28
EG178 Facility	Texas	56233	CTG1			28	28
Eastman Cogeneration Facility	Texas	55176	1			83	83
Eastman Cogeneration Facility	Texas	55176	2			74	74
Ennis Power Company, LLC	Texas	55223	GT-1			88	88
Exelon Laporte Generating Station	Texas	55365	GT-1			8	8
Exelon Laporte Generating Station	Texas	55365	GT-2			7	7
Exelon Laporte Generating Station	Texas	55365	GT-3			7	7
Exelon Laporte Generating Station	Texas	55365	GT-4			7	7
ExxonMobil Beaumont Refinery	Texas	50625	33			48	48
ExxonMobil Beaumont Refinery	Texas	50625	34			38	38
Exxonmobil Beaumont Refinery	Texas	50625	61STK1			68	68
Exxonmobil Beaumont Refinery	Texas	50625	61STK2			68	68
Exxonmobil Beaumont Refinery	Texas	50625	61STK3			54	54

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Decker Creek	Texas	3548	GT-3A	4	4	4	4
Decker Creek	Texas	3548	GT-3B	4	4	4	4
Decker Creek	Texas	3548	GT-4A	4	4	4	4
Decker Creek	Texas	3548	GT-4B	4	4	4	4
Decordova	Texas	8063	1	170	170	170	170
Decordova	Texas	8063	CT1	4	4	4	4
Decordova	Texas	8063	CT2	3	3	3	3
Decordova	Texas	8063	CT3	4	4	4	4
Decordova	Texas	8063	CT4	4	4	4	4
Deer Park Energy Center	Texas	55464	CTG1	33	33	33	33
Deer Park Energy Center	Texas	55464	CTG2	28	28	28	28
Deer Park Energy Center	Texas	55464	CTG3	40	40	40	40
Deer Park Energy Center	Texas	55464	CTG4	28	28	28	28
EG178 Facility	Texas	56233	CT02	28	28	28	28
EG178 Facility	Texas	56233	CTG1	28	28	28	28
Eastman Cogeneration Facility	Texas	55176	1	83	83	83	83
Eastman Cogeneration Facility	Texas	55176	2	74	74	74	74
Ennis Power Company, LLC	Texas	55223	GT-1	88	88	88	88
Exelon Laporte Generating Station	Texas	55365	GT-1	8	8	8	8
Exelon Laporte Generating Station	Texas	55365	GT-2	7	7	7	7
Exelon Laporte Generating Station	Texas	55365	GT-3	7	7	7	7
Exelon Laporte Generating Station	Texas	55365	GT-4	7	7	7	7
ExxonMobil Beaumont Refinery	Texas	50625	33	48	48	48	48
ExxonMobil Beaumont Refinery	Texas	50625	34	38	38	38	38
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	68	68	68	68
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	68	68	68	68
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	54	54	54	54

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Decker Creek	Texas	3548	GT-3A	Y		Y	Y		
Decker Creek	Texas	3548	GT-3B	Y		Y	Y		
Decker Creek	Texas	3548	GT-4A	Y		Y	Y		
Decker Creek	Texas	3548	GT-4B	Y		Y	Y		
Decordova	Texas	8063	1	Y		Y	Y		
Decordova	Texas	8063	CT1	Y		Y	Y		
Decordova	Texas	8063	CT2	Y		Y	Y		
Decordova	Texas	8063	CT3	Y		Y	Y		
Decordova	Texas	8063	CT4	Y		Y	Y		
Deer Park Energy Center	Texas	55464	CTG1	Y		Y	Y		
Deer Park Energy Center	Texas	55464	CTG2	Y		Y	Y		
Deer Park Energy Center	Texas	55464	CTG3	Y		Y	Y		
Deer Park Energy Center	Texas	55464	CTG4	Y		Y	Y		
EG178 Facility	Texas	56233	CT02	Y		Y	Y	Y	
EG178 Facility	Texas	56233	CTG1	Y		Y	Y	Y	
Eastman Cogeneration Facility	Texas	55176	1	Y		Y	Y		
Eastman Cogeneration Facility	Texas	55176	2	Y		Y	Y		
Ennis Power Company, LLC	Texas	55223	GT-1	Y		Y	Y		
Exelon Laporte Generating Station	Texas	55365	GT-1	Y		Y	Y		
Exelon Laporte Generating Station	Texas	55365	GT-2	Y		Y	Y		
Exelon Laporte Generating Station	Texas	55365	GT-3	Y		Y	Y		
Exelon Laporte Generating Station	Texas	55365	GT-4	Y		Y	Y		
ExxonMobil Beaumont Refinery	Texas	50625	33	Y		Y	Y	Y	
ExxonMobil Beaumont Refinery	Texas	50625	34	Y		Y	Y	Y	
Exxonmobil Beaumont Refinery	Texas	50625	61STK1	Y		Y	Y		
Exxonmobil Beaumont Refinery	Texas	50625	61STK2	Y		Y	Y		
Exxonmobil Beaumont Refinery	Texas	50625	61STK3	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
FPLE Forney, LP	Texas	55480	U1	4853	9,620,337	9,000,313	9,572,712	8,148,844	8,842,611
FPLE Forney, LP	Texas	55480	U2	4854	10,313,949	10,300,109	11,029,113	7,234,431	7,146,540
FPLE Forney, LP	Texas	55480	U3	4855	9,447,852	10,050,440	10,519,449	7,734,727	8,545,526
FPLE Forney, LP	Texas	55480	U4	4856	10,372,942	10,874,620	8,423,115	10,137,068	7,914,258
FPLE Forney, LP	Texas	55480	U5	4857	10,555,369	11,150,291	8,965,386	10,654,033	8,829,278
FPLE Forney, LP	Texas	55480	U6	4858	10,035,581	10,888,449	8,482,597	10,491,345	8,821,500
Freestone Power Generation	Texas	55226	GT1	4192	6,668,401	8,250,366	6,537,995	6,758,682	9,019,224
Freestone Power Generation	Texas	55226	GT2	4193	6,003,432	7,874,157	7,321,180	6,769,021	8,292,690
Freestone Power Generation	Texas	55226	GT3	4194	6,168,551	7,237,456	7,109,510	4,919,503	9,134,126
Freestone Power Generation	Texas	55226	GT4	4195	5,968,611	7,073,601	7,167,566	5,713,218	8,414,722
Frontera Generation Facility	Texas	55098	1	3883	7,718,781	8,665,037	8,919,769	8,983,069	8,051,915
Frontera Generation Facility	Texas	55098	2	3884	7,108,202	8,733,782	10,080,211	8,252,688	7,585,060
Gibbons Creek Steam Electric Station	Texas	6136	1	2796	35,281,328	34,347,209	35,232,113	34,287,091	36,063,406
Graham	Texas	3490	1	2408	1,804,920	2,013,737	973,307	913,593	1,118,482
Graham	Texas	3490	2	2409	4,236,315	7,461,769	4,040,678	5,290,161	4,538,906
Greens Bayou	Texas	3464	GBY5	2359	3,365,607	2,589,208	1,514,492	1,521,058	1,813,230
Greens Bayou	Texas	3464	GBY73	89952			112,805	216,031	192,775
Greens Bayou	Texas	3464	GBY74	89953			123,647	241,653	215,541
Greens Bayou	Texas	3464	GBY81	89954			107,505	217,284	235,240
Greens Bayou	Texas	3464	GBY82	89955			148,968	194,248	232,485
Greens Bayou	Texas	3464	GBY83	89956			177,334	240,731	251,362
Greens Bayou	Texas	3464	GBY84	89957			147,674	209,618	253,406
Gregory Power Facility	Texas	55086	101	3863	13,354,396	15,700,288	15,869,128	13,429,622	14,928,703
Gregory Power Facility	Texas	55086	102	3864	16,081,477	15,894,779	15,088,407	15,617,597	14,688,049
Guadalupe Generating Station	Texas	55153	CTG-1	4028	8,134,631	7,073,957	8,881,098	7,569,502	8,220,785
Guadalupe Generating Station	Texas	55153	CTG-2	4029	8,669,424	8,119,946	8,691,077	7,592,148	8,468,015
Guadalupe Generating Station	Texas	55153	CTG-3	4030	8,233,291	7,670,570	8,760,194	8,507,528	7,359,584

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
FPLE Forney, LP	Texas	55480	U1	9,397,788	3,511,906,933	0.002676	279,747	279,747
FPLE Forney, LP	Texas	55480	U2	10,547,724	3,511,906,933	0.003003	279,747	279,747
FPLE Forney, LP	Texas	55480	U3	10,005,914	3,511,906,933	0.002849	279,747	279,747
FPLE Forney, LP	Texas	55480	U4	10,461,543	3,511,906,933	0.002979	279,747	279,747
FPLE Forney, LP	Texas	55480	U5	10,786,564	3,511,906,933	0.003071	279,747	279,747
FPLE Forney, LP	Texas	55480	U6	10,471,791	3,511,906,933	0.002982	279,747	279,747
Freestone Power Generation	Texas	55226	GT1	8,009,424	3,511,906,933	0.002281	279,747	279,747
Freestone Power Generation	Texas	55226	GT2	7,829,342	3,511,906,933	0.002229	279,747	279,747
Freestone Power Generation	Texas	55226	GT3	7,827,030	3,511,906,933	0.002229	279,747	279,747
Freestone Power Generation	Texas	55226	GT4	7,551,963	3,511,906,933	0.002150	279,747	279,747
Frontera Generation Facility	Texas	55098	1	8,855,958	3,511,906,933	0.002522	279,747	279,747
Frontera Generation Facility	Texas	55098	2	9,022,227	3,511,906,933	0.002569	279,747	279,747
Gibbons Creek Steam Electric Station	Texas	6136	1	35,525,616	3,511,906,933	0.010116	279,747	279,747
Graham	Texas	3490	1	1,645,713	3,511,906,933	0.000469	279,747	279,747
Graham	Texas	3490	2	5,763,612	3,511,906,933	0.001641	279,747	279,747
Greens Bayou	Texas	3464	GBY5	2,589,348	3,511,906,933	0.000737	279,747	279,747
Greens Bayou	Texas	3464	GBY73	173,870	3,511,906,933	0.000050	279,747	279,747
Greens Bayou	Texas	3464	GBY74	193,613	3,511,906,933	0.000055	279,747	279,747
Greens Bayou	Texas	3464	GBY81	186,676	3,511,906,933	0.000053	279,747	279,747
Greens Bayou	Texas	3464	GBY82	191,900	3,511,906,933	0.000055	279,747	279,747
Greens Bayou	Texas	3464	GBY83	223,142	3,511,906,933	0.000064	279,747	279,747
Greens Bayou	Texas	3464	GBY84	203,566	3,511,906,933	0.000058	279,747	279,747
Gregory Power Facility	Texas	55086	101	15,499,373	3,511,906,933	0.004413	279,747	279,747
Gregory Power Facility	Texas	55086	102	15,864,618	3,511,906,933	0.004517	279,747	279,747
Guadalupe Generating Station	Texas	55153	CTG-1	8,412,172	3,511,906,933	0.002395	279,747	279,747
Guadalupe Generating Station	Texas	55153	CTG-2	8,609,506	3,511,906,933	0.002452	279,747	279,747
Guadalupe Generating Station	Texas	55153	CTG-3	8,500,338	3,511,906,933	0.002420	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
FPLE Forney, LP	Texas	55480	U1	132,193	132,193	749	749	354	354
FPLE Forney, LP	Texas	55480	U2	132,193	132,193	840	840	397	397
FPLE Forney, LP	Texas	55480	U3	132,193	132,193	797	797	377	377
FPLE Forney, LP	Texas	55480	U4	132,193	132,193	833	833	394	394
FPLE Forney, LP	Texas	55480	U5	132,193	132,193	859	859	406	406
FPLE Forney, LP	Texas	55480	U6	132,193	132,193	834	834	394	394
Freestone Power Generation	Texas	55226	GT1	132,193	132,193	638	638	301	301
Freestone Power Generation	Texas	55226	GT2	132,193	132,193	624	624	295	295
Freestone Power Generation	Texas	55226	GT3	132,193	132,193	623	623	295	295
Freestone Power Generation	Texas	55226	GT4	132,193	132,193	602	602	284	284
Frontera Generation Facility	Texas	55098	1	132,193	132,193	705	705	333	333
Frontera Generation Facility	Texas	55098	2	132,193	132,193	719	719	340	340
Gibbons Creek Steam Electric Station	Texas	6136	1	132,193	132,193	2,830	2,830	1,337	1,337
Graham	Texas	3490	1	132,193	132,193	131	131	62	62
Graham	Texas	3490	2	132,193	132,193	459	459	217	217
Greens Bayou	Texas	3464	GBY5	132,193	132,193	206	206	97	97
Greens Bayou	Texas	3464	GBY73	132,193	132,193	14	14	7	7
Greens Bayou	Texas	3464	GBY74	132,193	132,193	15	15	7	7
Greens Bayou	Texas	3464	GBY81	132,193	132,193	15	15	7	7
Greens Bayou	Texas	3464	GBY82	132,193	132,193	15	15	7	7
Greens Bayou	Texas	3464	GBY83	132,193	132,193	18	18	8	8
Greens Bayou	Texas	3464	GBY84	132,193	132,193	16	16	8	8
Gregory Power Facility	Texas	55086	101	132,193	132,193	1,235	1,235	583	583
Gregory Power Facility	Texas	55086	102	132,193	132,193	1,264	1,264	597	597
Guadalupe Generating Station	Texas	55153	CTG-1	132,193	132,193	670	670	317	317
Guadalupe Generating Station	Texas	55153	CTG-2	132,193	132,193	686	686	324	324
Guadalupe Generating Station	Texas	55153	CTG-3	132,193	132,193	677	677	320	320

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
FPLE Forney, LP	Texas	55480	U1	1	3	2	3	3
FPLE Forney, LP	Texas	55480	U2	1	3	2	3	3
FPLE Forney, LP	Texas	55480	U3	1	2	3	3	3
FPLE Forney, LP	Texas	55480	U4	1	2	2	3	3
FPLE Forney, LP	Texas	55480	U5	1	3	3	3	3
FPLE Forney, LP	Texas	55480	U6	1	2	3	3	3
Freestone Power Generation	Texas	55226	GT1	3	3	2	2	2
Freestone Power Generation	Texas	55226	GT2	3	2	2	2	2
Freestone Power Generation	Texas	55226	GT3	3	3	2	2	2
Freestone Power Generation	Texas	55226	GT4	3	3	2	2	2
Frontera Generation Facility	Texas	55098	1	2	1	2	2	3
Frontera Generation Facility	Texas	55098	2	1	1	2	2	3
Gibbons Creek Steam Electric Station	Texas	6136	1	11,924	10,588	11,736	11,913	11,386
Graham	Texas	3490	1	8	0	0	1	1
Graham	Texas	3490	2	226	4	50	94	9
Greens Bayou	Texas	3464	GBY5	36	1	1	1	2
Greens Bayou	Texas	3464	GBY73					
Greens Bayou	Texas	3464	GBY74					
Greens Bayou	Texas	3464	GBY81					
Greens Bayou	Texas	3464	GBY82					
Greens Bayou	Texas	3464	GBY83					
Greens Bayou	Texas	3464	GBY84					
Gregory Power Facility	Texas	55086	101	4	5	5	4	5
Gregory Power Facility	Texas	55086	102	5	5	4	5	5
Guadalupe Generating Station	Texas	55153	CTG-1	2	3	2	2	2
Guadalupe Generating Station	Texas	55153	CTG-2	2	2	2	3	2
Guadalupe Generating Station	Texas	55153	CTG-3	2	2	3	2	2

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
FPLE Forney, LP	Texas	55480	U1	3	2	3	3		
FPLE Forney, LP	Texas	55480	U2	3	2	2	3		
FPLE Forney, LP	Texas	55480	U3	3	2	3	3		
FPLE Forney, LP	Texas	55480	U4	3	3	2	3		
FPLE Forney, LP	Texas	55480	U5	3	3	3	3		
FPLE Forney, LP	Texas	55480	U6	3	3	3	3		
Freestone Power Generation	Texas	55226	GT1	2	2	3	3		
Freestone Power Generation	Texas	55226	GT2	2	2	2	3		
Freestone Power Generation	Texas	55226	GT3	2	1	3	3		
Freestone Power Generation	Texas	55226	GT4	2	2	3	3		
Frontera Generation Facility	Texas	55098	1	3	3	2	3		
Frontera Generation Facility	Texas	55098	2	3	2	2	3		
Gibbons Creek Steam Electric Station	Texas	6136	1	12,567	11,931	12,146	12,567		
Graham	Texas	3490	1	0	0	0	8		
Graham	Texas	3490	2	1	2	1	226		
Greens Bayou	Texas	3464	GBY5	0	0	1	36		
Greens Bayou	Texas	3464	GBY73		0	0	0		
Greens Bayou	Texas	3464	GBY74		0	0	0		
Greens Bayou	Texas	3464	GBY81		0	0	0		
Greens Bayou	Texas	3464	GBY82		0	0	0		
Greens Bayou	Texas	3464	GBY83		0	0	0		
Greens Bayou	Texas	3464	GBY84		0	0	0		
Gregory Power Facility	Texas	55086	101	5	4	4	5		
Gregory Power Facility	Texas	55086	102	5	5	4	5		
Guadalupe Generating Station	Texas	55153	CTG-1	3	2	2	3		
Guadalupe Generating Station	Texas	55153	CTG-2	3	2	3	3		
Guadalupe Generating Station	Texas	55153	CTG-3	3	3	2	3		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
FPLE Forney, LP	Texas	55480	U1					92	158
FPLE Forney, LP	Texas	55480	U2					95	170
FPLE Forney, LP	Texas	55480	U3					85	152
FPLE Forney, LP	Texas	55480	U4					60	143
FPLE Forney, LP	Texas	55480	U5					61	167
FPLE Forney, LP	Texas	55480	U6					53	146
Freestone Power Generation	Texas	55226	GT1					143	124
Freestone Power Generation	Texas	55226	GT2					136	99
Freestone Power Generation	Texas	55226	GT3					164	118
Freestone Power Generation	Texas	55226	GT4					136	136
Frontera Generation Facility	Texas	55098	1					94	76
Frontera Generation Facility	Texas	55098	2					142	117
Gibbons Creek Steam Electric Station	Texas	6136	1					1,894	1,864
Graham	Texas	3490	1					386	165
Graham	Texas	3490	2					667	468
Greens Bayou	Texas	3464	GBY5					141	76
Greens Bayou	Texas	3464	GBY73						
Greens Bayou	Texas	3464	GBY74						
Greens Bayou	Texas	3464	GBY81						
Greens Bayou	Texas	3464	GBY82						
Greens Bayou	Texas	3464	GBY83						
Greens Bayou	Texas	3464	GBY84						
Gregory Power Facility	Texas	55086	101					272	257
Gregory Power Facility	Texas	55086	102					262	258
Guadalupe Generating Station	Texas	55153	CTG-1					120	216
Guadalupe Generating Station	Texas	55153	CTG-2					401	280
Guadalupe Generating Station	Texas	55153	CTG-3					148	425

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
FPLE Forney, LP	Texas	55480	U1	151	171	146	159	142
FPLE Forney, LP	Texas	55480	U2	165	174	158	176	122
FPLE Forney, LP	Texas	55480	U3	165	160	162	166	126
FPLE Forney, LP	Texas	55480	U4	157	178	168	144	165
FPLE Forney, LP	Texas	55480	U5	191	177	170	166	182
FPLE Forney, LP	Texas	55480	U6	172	170	162	146	167
Freestone Power Generation	Texas	55226	GT1	110	101	164	139	135
Freestone Power Generation	Texas	55226	GT2	121	96	169	177	141
Freestone Power Generation	Texas	55226	GT3	108	99	167	166	112
Freestone Power Generation	Texas	55226	GT4	111	88	156	166	122
Frontera Generation Facility	Texas	55098	1	139	185	201	185	191
Frontera Generation Facility	Texas	55098	2	126	155	183	187	160
Gibbons Creek Steam Electric Station	Texas	6136	1	2,310	2,323	2,267	2,158	2,114
Graham	Texas	3490	1	132	202	201	107	71
Graham	Texas	3490	2	498	489	784	472	610
Greens Bayou	Texas	3464	GBY5	58	95	82	44	48
Greens Bayou	Texas	3464	GBY73				24	16
Greens Bayou	Texas	3464	GBY74				26	17
Greens Bayou	Texas	3464	GBY81				22	22
Greens Bayou	Texas	3464	GBY82				32	18
Greens Bayou	Texas	3464	GBY83				41	25
Greens Bayou	Texas	3464	GBY84				34	18
Gregory Power Facility	Texas	55086	101	236	198	238	224	245
Gregory Power Facility	Texas	55086	102	186	225	224	201	220
Guadalupe Generating Station	Texas	55153	CTG-1	279	260	130	206	144
Guadalupe Generating Station	Texas	55153	CTG-2	268	198	142	221	151
Guadalupe Generating Station	Texas	55153	CTG-3	246	250	131	179	166

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
FPLE Forney, LP	Texas	55480	U1	149	171				
FPLE Forney, LP	Texas	55480	U2	118	176				
FPLE Forney, LP	Texas	55480	U3	144	166				
FPLE Forney, LP	Texas	55480	U4	136	178				
FPLE Forney, LP	Texas	55480	U5	161	191				
FPLE Forney, LP	Texas	55480	U6	151	172				
Freestone Power Generation	Texas	55226	GT1	170	170				
Freestone Power Generation	Texas	55226	GT2	169	177				
Freestone Power Generation	Texas	55226	GT3	194	194				
Freestone Power Generation	Texas	55226	GT4	172	172				
Frontera Generation Facility	Texas	55098	1	163	201				
Frontera Generation Facility	Texas	55098	2	149	187				
Gibbons Creek Steam Electric Station	Texas	6136	1	2,277	2,323				
Graham	Texas	3490	1	102	386				
Graham	Texas	3490	2	509	784				
Greens Bayou	Texas	3464	GBY5	54	141				
Greens Bayou	Texas	3464	GBY73	14	24				
Greens Bayou	Texas	3464	GBY74	15	26				
Greens Bayou	Texas	3464	GBY81	23	23				
Greens Bayou	Texas	3464	GBY82	22	32				
Greens Bayou	Texas	3464	GBY83	26	41				
Greens Bayou	Texas	3464	GBY84	22	34				
Gregory Power Facility	Texas	55086	101	248	272				
Gregory Power Facility	Texas	55086	102	212	262				
Guadalupe Generating Station	Texas	55153	CTG-1	144	279				
Guadalupe Generating Station	Texas	55153	CTG-2	162	401				
Guadalupe Generating Station	Texas	55153	CTG-3	118	425				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
FPLE Forney, LP	Texas	55480	U1				
FPLE Forney, LP	Texas	55480	U2				
FPLE Forney, LP	Texas	55480	U3				
FPLE Forney, LP	Texas	55480	U4				
FPLE Forney, LP	Texas	55480	U5				
FPLE Forney, LP	Texas	55480	U6				
Freestone Power Generation	Texas	55226	GT1				
Freestone Power Generation	Texas	55226	GT2				
Freestone Power Generation	Texas	55226	GT3				
Freestone Power Generation	Texas	55226	GT4				
Frontera Generation Facility	Texas	55098	1				
Frontera Generation Facility	Texas	55098	2				
Gibbons Creek Steam Electric Station	Texas	6136	1				
Graham	Texas	3490	1				
Graham	Texas	3490	2				
Greens Bayou	Texas	3464	GBY5				
Greens Bayou	Texas	3464	GBY73				
Greens Bayou	Texas	3464	GBY74				
Greens Bayou	Texas	3464	GBY81				
Greens Bayou	Texas	3464	GBY82				
Greens Bayou	Texas	3464	GBY83				
Greens Bayou	Texas	3464	GBY84				
Gregory Power Facility	Texas	55086	101				
Gregory Power Facility	Texas	55086	102				
Guadalupe Generating Station	Texas	55153	CTG-1				
Guadalupe Generating Station	Texas	55153	CTG-2				
Guadalupe Generating Station	Texas	55153	CTG-3				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
FPLE Forney, LP	Texas	55480	U1				
FPLE Forney, LP	Texas	55480	U2				
FPLE Forney, LP	Texas	55480	U3				
FPLE Forney, LP	Texas	55480	U4				
FPLE Forney, LP	Texas	55480	U5				
FPLE Forney, LP	Texas	55480	U6				
Freestone Power Generation	Texas	55226	GT1				
Freestone Power Generation	Texas	55226	GT2				
Freestone Power Generation	Texas	55226	GT3				
Freestone Power Generation	Texas	55226	GT4				
Frontera Generation Facility	Texas	55098	1				
Frontera Generation Facility	Texas	55098	2				
Gibbons Creek Steam Electric Station	Texas	6136	1				
Graham	Texas	3490	1				
Graham	Texas	3490	2				
Greens Bayou	Texas	3464	GBY5				
Greens Bayou	Texas	3464	GBY73				
Greens Bayou	Texas	3464	GBY74				
Greens Bayou	Texas	3464	GBY81				
Greens Bayou	Texas	3464	GBY82				
Greens Bayou	Texas	3464	GBY83				
Greens Bayou	Texas	3464	GBY84				
Gregory Power Facility	Texas	55086	101				
Gregory Power Facility	Texas	55086	102				
Guadalupe Generating Station	Texas	55153	CTG-1				
Guadalupe Generating Station	Texas	55153	CTG-2				
Guadalupe Generating Station	Texas	55153	CTG-3				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
FPLE Forney, LP	Texas	55480	U1	171	171	171	171
FPLE Forney, LP	Texas	55480	U2	176	176	176	176
FPLE Forney, LP	Texas	55480	U3	166	166	166	166
FPLE Forney, LP	Texas	55480	U4	178	178	178	178
FPLE Forney, LP	Texas	55480	U5	191	191	191	191
FPLE Forney, LP	Texas	55480	U6	172	172	172	172
Freestone Power Generation	Texas	55226	GT1	170	170	170	170
Freestone Power Generation	Texas	55226	GT2	177	177	177	177
Freestone Power Generation	Texas	55226	GT3	194	194	194	194
Freestone Power Generation	Texas	55226	GT4	172	172	172	172
Frontera Generation Facility	Texas	55098	1	201	201	201	201
Frontera Generation Facility	Texas	55098	2	187	187	187	187
Gibbons Creek Steam Electric Station	Texas	6136	1	1,878	1,878	1,878	1,878
Graham	Texas	3490	1	87	87	87	87
Graham	Texas	3490	2	305	305	305	305
Greens Bayou	Texas	3464	GBY5	137	137	137	137
Greens Bayou	Texas	3464	GBY73	9	9	9	9
Greens Bayou	Texas	3464	GBY74	10	10	10	10
Greens Bayou	Texas	3464	GBY81	10	10	10	10
Greens Bayou	Texas	3464	GBY82	10	10	10	10
Greens Bayou	Texas	3464	GBY83	12	12	12	12
Greens Bayou	Texas	3464	GBY84	11	11	11	11
Gregory Power Facility	Texas	55086	101	272	272	272	272
Gregory Power Facility	Texas	55086	102	262	262	262	262
Guadalupe Generating Station	Texas	55153	CTG-1	279	279	279	279
Guadalupe Generating Station	Texas	55153	CTG-2	401	401	401	401
Guadalupe Generating Station	Texas	55153	CTG-3	425	425	425	425

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)		
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)			
FPLE Forney, LP	Texas	55480	U1	171	171	5,430,726	4,166,034	4,485,861
FPLE Forney, LP	Texas	55480	U2	176	176	5,614,213	4,621,402	4,996,346
FPLE Forney, LP	Texas	55480	U3	166	166	5,580,123	4,700,307	4,280,702
FPLE Forney, LP	Texas	55480	U4	178	178	5,593,218	5,563,210	3,864,233
FPLE Forney, LP	Texas	55480	U5	191	191	5,757,304	5,521,015	4,246,729
FPLE Forney, LP	Texas	55480	U6	172	172	5,669,356	5,649,022	4,458,874
Freestone Power Generation	Texas	55226	GT1	170	170	4,064,247	3,584,851	3,033,378
Freestone Power Generation	Texas	55226	GT2	177	177	3,616,400	3,475,497	3,517,056
Freestone Power Generation	Texas	55226	GT3	194	194	3,777,562	3,392,676	3,602,809
Freestone Power Generation	Texas	55226	GT4	172	172	3,625,726	3,540,956	3,405,681
Frontera Generation Facility	Texas	55098	1	201	201	3,725,087	3,612,890	4,913,742
Frontera Generation Facility	Texas	55098	2	187	187	2,820,318	3,653,763	5,144,915
Gibbons Creek Steam Electric Station	Texas	6136	1	1,878	1,878	15,530,393	15,776,311	15,453,626
Graham	Texas	3490	1	87	87	1,091,132	1,307,141	672,542
Graham	Texas	3490	2	305	305	3,076,132	4,337,363	2,792,842
Greens Bayou	Texas	3464	GBY5	137	137	2,456,300	1,296,188	1,255,478
Greens Bayou	Texas	3464	GBY73	9	9			76,733
Greens Bayou	Texas	3464	GBY74	10	10			76,813
Greens Bayou	Texas	3464	GBY81	10	10			59,579
Greens Bayou	Texas	3464	GBY82	10	10			73,808
Greens Bayou	Texas	3464	GBY83	12	12			87,024
Greens Bayou	Texas	3464	GBY84	11	11			81,994
Gregory Power Facility	Texas	55086	101	272	272	6,595,920	6,656,600	6,836,799
Gregory Power Facility	Texas	55086	102	262	262	6,650,616	6,741,292	6,903,958
Guadalupe Generating Station	Texas	55153	CTG-1	279	279	4,286,144	3,551,808	3,939,884
Guadalupe Generating Station	Texas	55153	CTG-2	401	401	4,979,361	3,761,725	3,939,030
Guadalupe Generating Station	Texas	55153	CTG-3	425	425	4,055,610	3,646,641	3,939,884

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
FPLE Forney, LP	Texas	55480	U1	4,278,538	4,749,849	4,888,812	1,726,255,329	0.002832
FPLE Forney, LP	Texas	55480	U2	3,595,120	3,513,728	5,077,320	1,726,255,329	0.002941
FPLE Forney, LP	Texas	55480	U3	4,095,866	4,660,081	4,980,171	1,726,255,329	0.002885
FPLE Forney, LP	Texas	55480	U4	5,270,685	3,294,920	5,475,704	1,726,255,329	0.003172
FPLE Forney, LP	Texas	55480	U5	5,697,799	3,829,490	5,658,706	1,726,255,329	0.003278
FPLE Forney, LP	Texas	55480	U6	5,829,166	3,644,930	5,715,848	1,726,255,329	0.003311
Freestone Power Generation	Texas	55226	GT1	4,313,721	4,565,848	4,314,605	1,726,255,329	0.002499
Freestone Power Generation	Texas	55226	GT2	4,251,599	4,425,385	4,097,795	1,726,255,329	0.002374
Freestone Power Generation	Texas	55226	GT3	3,627,631	4,720,423	4,041,872	1,726,255,329	0.002341
Freestone Power Generation	Texas	55226	GT4	4,437,529	4,467,857	4,177,037	1,726,255,329	0.002420
Frontera Generation Facility	Texas	55098	1	4,537,747	4,008,060	4,486,516	1,726,255,329	0.002599
Frontera Generation Facility	Texas	55098	2	3,980,452	4,298,398	4,474,589	1,726,255,329	0.002592
Gibbons Creek Steam Electric Station	Texas	6136	1	15,491,835	16,315,511	15,874,072	1,726,255,329	0.009196
Graham	Texas	3490	1	667,213	691,874	1,030,049	1,726,255,329	0.000597
Graham	Texas	3490	2	3,096,944	2,680,344	3,503,480	1,726,255,329	0.002030
Greens Bayou	Texas	3464	GBY5	1,521,058	1,699,584	1,892,314	1,726,255,329	0.001096
Greens Bayou	Texas	3464	GBY73	151,903	133,096	120,577	1,726,255,329	0.000070
Greens Bayou	Texas	3464	GBY74	164,078	156,643	132,511	1,726,255,329	0.000077
Greens Bayou	Texas	3464	GBY81	152,264	169,709	127,184	1,726,255,329	0.000074
Greens Bayou	Texas	3464	GBY82	136,733	152,655	121,065	1,726,255,329	0.000070
Greens Bayou	Texas	3464	GBY83	173,838	150,130	136,997	1,726,255,329	0.000079
Greens Bayou	Texas	3464	GBY84	126,642	140,170	116,269	1,726,255,329	0.000067
Gregory Power Facility	Texas	55086	101	6,525,130	6,221,865	6,696,440	1,726,255,329	0.003879
Gregory Power Facility	Texas	55086	102	6,516,625	6,170,692	6,765,289	1,726,255,329	0.003919
Guadalupe Generating Station	Texas	55153	CTG-1	3,980,393	3,640,763	4,068,807	1,726,255,329	0.002357
Guadalupe Generating Station	Texas	55153	CTG-2	4,039,439	3,833,496	4,319,277	1,726,255,329	0.002502
Guadalupe Generating Station	Texas	55153	CTG-3	3,816,391	3,965,758	3,987,084	1,726,255,329	0.002310

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
FPLE Forney, LP	Texas	55480	U1	62,938	62,938	178	178	56	77
FPLE Forney, LP	Texas	55480	U2	62,938	62,938	185	185	58	84
FPLE Forney, LP	Texas	55480	U3	62,938	62,938	182	182	53	81
FPLE Forney, LP	Texas	55480	U4	62,938	62,938	200	200	24	69
FPLE Forney, LP	Texas	55480	U5	62,938	62,938	206	206	21	74
FPLE Forney, LP	Texas	55480	U6	62,938	62,938	208	208	20	73
Freestone Power Generation	Texas	55226	GT1	62,938	62,938	157	157	66	60
Freestone Power Generation	Texas	55226	GT2	62,938	62,938	149	149	58	49
Freestone Power Generation	Texas	55226	GT3	62,938	62,938	147	147	78	58
Freestone Power Generation	Texas	55226	GT4	62,938	62,938	152	152	64	62
Frontera Generation Facility	Texas	55098	1	62,938	62,938	164	164	56	58
Frontera Generation Facility	Texas	55098	2	62,938	62,938	163	163	117	47
Gibbons Creek Steam Electric Station	Texas	6136	1	62,938	62,938	579	579	928	953
Graham	Texas	3490	1	62,938	62,938	38	38	258	130
Graham	Texas	3490	2	62,938	62,938	128	128	334	304
Greens Bayou	Texas	3464	GBY5	62,938	62,938	69	69	120	36
Greens Bayou	Texas	3464	GBY73	62,938	62,938	4	4		
Greens Bayou	Texas	3464	GBY74	62,938	62,938	5	5		
Greens Bayou	Texas	3464	GBY81	62,938	62,938	5	5		
Greens Bayou	Texas	3464	GBY82	62,938	62,938	4	4		
Greens Bayou	Texas	3464	GBY83	62,938	62,938	5	5		
Greens Bayou	Texas	3464	GBY84	62,938	62,938	4	4		
Gregory Power Facility	Texas	55086	101	62,938	62,938	244	244	111	103
Gregory Power Facility	Texas	55086	102	62,938	62,938	247	247	96	102
Guadalupe Generating Station	Texas	55153	CTG-1	62,938	62,938	148	148	69	93
Guadalupe Generating Station	Texas	55153	CTG-2	62,938	62,938	157	157	333	122
Guadalupe Generating Station	Texas	55153	CTG-3	62,938	62,938	145	145	87	255

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
FPLE Forney, LP	Texas	55480	U1	78	87	66	76	73	74
FPLE Forney, LP	Texas	55480	U2	85	83	70	83	59	55
FPLE Forney, LP	Texas	55480	U3	72	86	77	69	65	74
FPLE Forney, LP	Texas	55480	U4	85	88	81	65	84	55
FPLE Forney, LP	Texas	55480	U5	91	87	77	78	95	71
FPLE Forney, LP	Texas	55480	U6	88	89	77	76	90	60
Freestone Power Generation	Texas	55226	GT1	54	58	77	67	77	85
Freestone Power Generation	Texas	55226	GT2	62	53	84	79	73	87
Freestone Power Generation	Texas	55226	GT3	62	60	86	81	70	88
Freestone Power Generation	Texas	55226	GT4	60	51	81	73	79	81
Frontera Generation Facility	Texas	55098	1	73	89	76	99	94	74
Frontera Generation Facility	Texas	55098	2	75	62	71	93	75	79
Gibbons Creek Steam Electric Station	Texas	6136	1	1,048	1,026	1,043	955	982	1,072
Graham	Texas	3490	1	80	130	133	77	53	66
Graham	Texas	3490	2	256	340	427	336	349	287
Greens Bayou	Texas	3464	GBY5	50	66	38	36	48	50
Greens Bayou	Texas	3464	GBY73				19	11	10
Greens Bayou	Texas	3464	GBY74				19	12	11
Greens Bayou	Texas	3464	GBY81				15	15	17
Greens Bayou	Texas	3464	GBY82				19	13	14
Greens Bayou	Texas	3464	GBY83				22	18	15
Greens Bayou	Texas	3464	GBY84				21	11	12
Gregory Power Facility	Texas	55086	101	94	95	95	89	126	94
Gregory Power Facility	Texas	55086	102	91	87	91	83	87	81
Guadalupe Generating Station	Texas	55153	CTG-1	136	139	66	83	74	64
Guadalupe Generating Station	Texas	55153	CTG-2	136	99	59	89	76	78
Guadalupe Generating Station	Texas	55153	CTG-3	102	128	58	79	77	62

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
FPLE Forney, LP	Texas	55480	U1	87					
FPLE Forney, LP	Texas	55480	U2	85					
FPLE Forney, LP	Texas	55480	U3	86					
FPLE Forney, LP	Texas	55480	U4	88					
FPLE Forney, LP	Texas	55480	U5	95					
FPLE Forney, LP	Texas	55480	U6	90					
Freestone Power Generation	Texas	55226	GT1	85					
Freestone Power Generation	Texas	55226	GT2	87					
Freestone Power Generation	Texas	55226	GT3	88					
Freestone Power Generation	Texas	55226	GT4	81					
Frontera Generation Facility	Texas	55098	1	99					
Frontera Generation Facility	Texas	55098	2	117					
Gibbons Creek Steam Electric Station	Texas	6136	1	1,072					
Graham	Texas	3490	1	258					
Graham	Texas	3490	2	427					
Greens Bayou	Texas	3464	GBY5	120					
Greens Bayou	Texas	3464	GBY73	19					
Greens Bayou	Texas	3464	GBY74	19					
Greens Bayou	Texas	3464	GBY81	17					
Greens Bayou	Texas	3464	GBY82	19					
Greens Bayou	Texas	3464	GBY83	22					
Greens Bayou	Texas	3464	GBY84	21					
Gregory Power Facility	Texas	55086	101	126					
Gregory Power Facility	Texas	55086	102	102					
Guadalupe Generating Station	Texas	55153	CTG-1	139					
Guadalupe Generating Station	Texas	55153	CTG-2	333					
Guadalupe Generating Station	Texas	55153	CTG-3	255					

						Steps 9 & 10	
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
FPLE Forney, LP	Texas	55480	U1			87	87
FPLE Forney, LP	Texas	55480	U2			85	85
FPLE Forney, LP	Texas	55480	U3			86	86
FPLE Forney, LP	Texas	55480	U4			88	88
FPLE Forney, LP	Texas	55480	U5			95	95
FPLE Forney, LP	Texas	55480	U6			90	90
Freestone Power Generation	Texas	55226	GT1			85	85
Freestone Power Generation	Texas	55226	GT2			87	87
Freestone Power Generation	Texas	55226	GT3			88	88
Freestone Power Generation	Texas	55226	GT4			81	81
Frontera Generation Facility	Texas	55098	1			99	99
Frontera Generation Facility	Texas	55098	2			117	117
Gibbons Creek Steam Electric Station	Texas	6136	1			842	842
Graham	Texas	3490	1			55	55
Graham	Texas	3490	2			186	186
Greens Bayou	Texas	3464	GBY5			100	100
Greens Bayou	Texas	3464	GBY73			6	6
Greens Bayou	Texas	3464	GBY74			7	7
Greens Bayou	Texas	3464	GBY81			7	7
Greens Bayou	Texas	3464	GBY82			6	6
Greens Bayou	Texas	3464	GBY83			7	7
Greens Bayou	Texas	3464	GBY84			6	6
Gregory Power Facility	Texas	55086	101			126	126
Gregory Power Facility	Texas	55086	102			102	102
Guadalupe Generating Station	Texas	55153	CTG-1			139	139
Guadalupe Generating Station	Texas	55153	CTG-2			229	229
Guadalupe Generating Station	Texas	55153	CTG-3			212	212

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
FPLE Forney, LP	Texas	55480	U1	87	87	87	87
FPLE Forney, LP	Texas	55480	U2	85	85	85	85
FPLE Forney, LP	Texas	55480	U3	86	86	86	86
FPLE Forney, LP	Texas	55480	U4	88	88	88	88
FPLE Forney, LP	Texas	55480	U5	95	95	95	95
FPLE Forney, LP	Texas	55480	U6	90	90	90	90
Freestone Power Generation	Texas	55226	GT1	85	85	85	85
Freestone Power Generation	Texas	55226	GT2	87	87	87	87
Freestone Power Generation	Texas	55226	GT3	88	88	88	88
Freestone Power Generation	Texas	55226	GT4	81	81	81	81
Frontera Generation Facility	Texas	55098	1	99	99	99	99
Frontera Generation Facility	Texas	55098	2	117	117	117	117
Gibbons Creek Steam Electric Station	Texas	6136	1	842	842	842	842
Graham	Texas	3490	1	55	55	55	55
Graham	Texas	3490	2	186	186	186	186
Greens Bayou	Texas	3464	GBY5	100	100	100	100
Greens Bayou	Texas	3464	GBY73	6	6	6	6
Greens Bayou	Texas	3464	GBY74	7	7	7	7
Greens Bayou	Texas	3464	GBY81	7	7	7	7
Greens Bayou	Texas	3464	GBY82	6	6	6	6
Greens Bayou	Texas	3464	GBY83	7	7	7	7
Greens Bayou	Texas	3464	GBY84	6	6	6	6
Gregory Power Facility	Texas	55086	101	126	126	126	126
Gregory Power Facility	Texas	55086	102	102	102	102	102
Guadalupe Generating Station	Texas	55153	CTG-1	139	139	139	139
Guadalupe Generating Station	Texas	55153	CTG-2	229	229	229	229
Guadalupe Generating Station	Texas	55153	CTG-3	212	212	212	212

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
FPLE Forney, LP	Texas	55480	U1	Y		Y	Y		
FPLE Forney, LP	Texas	55480	U2	Y		Y	Y		
FPLE Forney, LP	Texas	55480	U3	Y		Y	Y		
FPLE Forney, LP	Texas	55480	U4	Y		Y	Y		
FPLE Forney, LP	Texas	55480	U5	Y		Y	Y		
FPLE Forney, LP	Texas	55480	U6	Y		Y	Y		
Freestone Power Generation	Texas	55226	GT1	Y		Y	Y		
Freestone Power Generation	Texas	55226	GT2	Y		Y	Y		
Freestone Power Generation	Texas	55226	GT3	Y		Y	Y		
Freestone Power Generation	Texas	55226	GT4	Y		Y	Y		
Frontera Generation Facility	Texas	55098	1	Y		Y	Y		
Frontera Generation Facility	Texas	55098	2	Y		Y	Y		
Gibbons Creek Steam Electric Station	Texas	6136	1	Y		Y	Y		
Graham	Texas	3490	1	Y		Y	Y		
Graham	Texas	3490	2	Y		Y	Y		
Greens Bayou	Texas	3464	GBY5	Y		Y	Y		
Greens Bayou	Texas	3464	GBY73	Y		Y	Y		
Greens Bayou	Texas	3464	GBY74	Y		Y	Y		
Greens Bayou	Texas	3464	GBY81	Y		Y	Y		
Greens Bayou	Texas	3464	GBY82	Y		Y	Y		
Greens Bayou	Texas	3464	GBY83	Y		Y	Y		
Greens Bayou	Texas	3464	GBY84	Y		Y	Y		
Gregory Power Facility	Texas	55086	101	Y		Y	Y		
Gregory Power Facility	Texas	55086	102	Y		Y	Y		
Guadalupe Generating Station	Texas	55153	CTG-1	Y		Y	Y		
Guadalupe Generating Station	Texas	55153	CTG-2	Y		Y	Y		
Guadalupe Generating Station	Texas	55153	CTG-3	Y		Y	Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Guadalupe Generating Station	Texas	55153	CTG-4	4031	7,934,900	8,264,564	8,617,123	8,961,572	7,686,010
H W Pirkey Power Plant	Texas	7902	1	3360	48,459,584	52,711,961	48,753,719	35,969,947	46,802,856
Handley Generating Station	Texas	3491	3	2413	3,048,421	880,141	3,039,880	3,676,385	1,928,601
Handley Generating Station	Texas	3491	4	2414	3,285,565	1,182,826	1,611,895	1,579,102	755,228
Handley Generating Station	Texas	3491	5	2415	3,161,424	1,579,928	725,976	1,088,636	1,754,066
Hardin County Peaking Facility	Texas	56604	HCCT1	4480		8,990	4,587	59,927	356,377
Hardin County Peaking Facility	Texas	56604	HCCT2	4483	58,059	10,977	4,823	40,369	339,992
Harrington Station	Texas	6193	061B	2838	29,124,807	23,301,020	36,182,916	25,196,015	20,732,792
Harrington Station	Texas	6193	062B	2839	30,559,917	29,982,307	24,235,298	28,161,630	19,849,928
Harrington Station	Texas	6193	063B	2840	22,717,892	27,280,466	30,501,692	25,866,341	27,548,347
Harrison County Power Project	Texas	55664	GT-1	8788	4,409,784	4,147,254	2,891,092	1,416,786	5,040,252
Harrison County Power Project	Texas	55664	GT-2	8790	3,872,301	5,326,729	3,928,104	2,943,980	3,227,532
Hays Energy Project	Texas	55144	STK1	4002	7,742,101	5,475,411	9,086,513	5,740,288	4,606,505
Hays Energy Project	Texas	55144	STK2	4003	7,828,259	5,631,917	9,660,867	6,183,309	4,577,541
Hays Energy Project	Texas	55144	STK3	4004	6,969,282	7,611,267	8,921,035	7,047,578	6,364,598
Hays Energy Project	Texas	55144	STK4	4005	8,124,806	7,720,403	9,740,085	8,736,437	5,824,454
J K Spruce	Texas	7097	**1	2939	44,028,186	44,448,306	48,199,092	39,991,381	48,114,827
J K Spruce	Texas	7097	**2	2940					26,984,711
J Robert Massengale Generating Station	Texas	3604	GT1	2474	2,844,017	1,696,301	2,410,774	1,912,353	2,502,941
J T Deely	Texas	6181	1	2832	35,117,941	38,686,698	30,351,223	25,213,105	28,292,203
J T Deely	Texas	6181	2	2833	31,986,282	36,189,586	32,504,053	25,754,618	33,970,515
JCO Oxides Olefins Plant	Texas	54637	GCG1		3,274,179	3,042,605	6,846	6,582,564	
JCO Oxides Olefins Plant	Texas	54637	GCG2		3,274,179	3,042,605	6,846	6,582,564	
Jack County Generation Facility	Texas	55230	CT-1	4236	11,306,155	13,040,403	9,985,624	11,710,185	11,122,115
Jack County Generation Facility	Texas	55230	CT-2	4237	12,550,506	12,936,358	12,231,716	11,941,976	11,341,758
Johnson County Generation Facility	Texas	54817	EAST	3804	3,925,931	10,807,457	11,812,980	10,058,252	11,477,720
Jones Station	Texas	3482	151B	2394	11,871,954	9,832,300	8,403,755	9,523,017	7,947,328

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Guadalupe Generating Station	Texas	55153	CTG-4	8,614,420	3,511,906,933	0.002453	279,747	279,747
H W Pirkey Power Plant	Texas	7902	1	49,975,088	3,511,906,933	0.014230	279,747	279,747
Handley Generating Station	Texas	3491	3	3,254,895	3,511,906,933	0.000927	279,747	279,747
Handley Generating Station	Texas	3491	4	2,158,854	3,511,906,933	0.000615	279,747	279,747
Handley Generating Station	Texas	3491	5	2,165,139	3,511,906,933	0.000617	279,747	279,747
Hardin County Peaking Facility	Texas	56604	HCCT1	141,765	3,511,906,933	0.000040	279,747	279,747
Hardin County Peaking Facility	Texas	56604	HCCT2	146,140	3,511,906,933	0.000042	279,747	279,747
Harrington Station	Texas	6193	061B	30,167,913	3,511,906,933	0.008590	279,747	279,747
Harrington Station	Texas	6193	062B	29,567,951	3,511,906,933	0.008419	279,747	279,747
Harrington Station	Texas	6193	063B	28,443,502	3,511,906,933	0.008099	279,747	279,747
Harrison County Power Project	Texas	55664	GT-1	4,532,430	3,511,906,933	0.001291	279,747	279,747
Harrison County Power Project	Texas	55664	GT-2	4,375,711	3,511,906,933	0.001246	279,747	279,747
Hays Energy Project	Texas	55144	STK1	7,522,967	3,511,906,933	0.002142	279,747	279,747
Hays Energy Project	Texas	55144	STK2	7,890,812	3,511,906,933	0.002247	279,747	279,747
Hays Energy Project	Texas	55144	STK3	7,859,960	3,511,906,933	0.002238	279,747	279,747
Hays Energy Project	Texas	55144	STK4	8,867,109	3,511,906,933	0.002525	279,747	279,747
J K Spruce	Texas	7097	**1	46,920,742	3,511,906,933	0.013360	279,747	279,747
J K Spruce	Texas	7097	**2	26,984,711	3,511,906,933	0.007684	279,747	279,747
J Robert Massengale Generating Station	Texas	3604	GT1	2,585,910	3,511,906,933	0.000736	279,747	279,747
J T Deely	Texas	6181	1	34,718,621	3,511,906,933	0.009886	279,747	279,747
J T Deely	Texas	6181	2	34,221,384	3,511,906,933	0.009744	279,747	279,747
JCO Oxides Olefins Plant	Texas	54637	GCG1	4,299,783	3,511,906,933	0.001224	279,747	279,747
JCO Oxides Olefins Plant	Texas	54637	GCG2	4,299,783	3,511,906,933	0.001224	279,747	279,747
Jack County Generation Facility	Texas	55230	CT-1	12,018,915	3,511,906,933	0.003422	279,747	279,747
Jack County Generation Facility	Texas	55230	CT-2	12,572,860	3,511,906,933	0.003580	279,747	279,747
Johnson County Generation Facility	Texas	54817	EAST	11,366,052	3,511,906,933	0.003236	279,747	279,747
Jones Station	Texas	3482	151B	10,409,090	3,511,906,933	0.002964	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Guadalupe Generating Station	Texas	55153	CTG-4	132,193	132,193	686	686	324	324
H W Pirkey Power Plant	Texas	7902	1	132,193	132,193	3,981	3,981	1,881	1,881
Handley Generating Station	Texas	3491	3	132,193	132,193	259	259	123	123
Handley Generating Station	Texas	3491	4	132,193	132,193	172	172	81	81
Handley Generating Station	Texas	3491	5	132,193	132,193	172	172	81	81
Hardin County Peaking Facility	Texas	56604	HCCT1	132,193	132,193	11	11	5	5
Hardin County Peaking Facility	Texas	56604	HCCT2	132,193	132,193	12	12	6	6
Harrington Station	Texas	6193	061B	132,193	132,193	2,403	2,403	1,136	1,136
Harrington Station	Texas	6193	062B	132,193	132,193	2,355	2,355	1,113	1,113
Harrington Station	Texas	6193	063B	132,193	132,193	2,266	2,266	1,071	1,071
Harrison County Power Project	Texas	55664	GT-1	132,193	132,193	361	361	171	171
Harrison County Power Project	Texas	55664	GT-2	132,193	132,193	349	349	165	165
Hays Energy Project	Texas	55144	STK1	132,193	132,193	599	599	283	283
Hays Energy Project	Texas	55144	STK2	132,193	132,193	629	629	297	297
Hays Energy Project	Texas	55144	STK3	132,193	132,193	626	626	296	296
Hays Energy Project	Texas	55144	STK4	132,193	132,193	706	706	334	334
J K Spruce	Texas	7097	**1	132,193	132,193	3,738	3,738	1,766	1,766
J K Spruce	Texas	7097	**2	132,193	132,193	2,150	2,150	1,016	1,016
J Robert Massengale Generating Station	Texas	3604	GT1	132,193	132,193	206	206	97	97
J T Deely	Texas	6181	1	132,193	132,193	2,766	2,766	1,307	1,307
J T Deely	Texas	6181	2	132,193	132,193	2,726	2,726	1,288	1,288
JCO Oxides Olefins Plant	Texas	54637	GCG1	132,193	132,193	343	343	162	162
JCO Oxides Olefins Plant	Texas	54637	GCG2	132,193	132,193	343	343	162	162
Jack County Generation Facility	Texas	55230	CT-1	132,193	132,193	957	957	452	452
Jack County Generation Facility	Texas	55230	CT-2	132,193	132,193	1,002	1,002	473	473
Johnson County Generation Facility	Texas	54817	EAST	132,193	132,193	905	905	428	428
Jones Station	Texas	3482	151B	132,193	132,193	829	829	392	392

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Guadalupe Generating Station	Texas	55153	CTG-4	2	3	2	2	2
H W Pirkey Power Plant	Texas	7902	1	19,693	18,785	11,699	2,641	1,953
Handley Generating Station	Texas	3491	3	2	1	1	1	0
Handley Generating Station	Texas	3491	4	4	2	1	1	1
Handley Generating Station	Texas	3491	5	3	1	1	1	1
Hardin County Peaking Facility	Texas	56604	HCCT1	0		0		0
Hardin County Peaking Facility	Texas	56604	HCCT2	0		0	0	0
Harrington Station	Texas	6193	061B	10,113	8,016	7,377	7,192	5,384
Harrington Station	Texas	6193	062B	9,186	9,629	6,944	8,133	7,246
Harrington Station	Texas	6193	063B	7,833	9,863	8,203	5,911	6,561
Harrison County Power Project	Texas	55664	GT-1	0	1	0	1	1
Harrison County Power Project	Texas	55664	GT-2	0	1	0	1	2
Hays Energy Project	Texas	55144	STK1	1	0	2	2	2
Hays Energy Project	Texas	55144	STK2	1	0	2	2	2
Hays Energy Project	Texas	55144	STK3	1		2	2	2
Hays Energy Project	Texas	55144	STK4	2	0	2	2	2
J K Spruce	Texas	7097	**1	3,786	4,133	3,766	3,274	3,394
J K Spruce	Texas	7097	**2					
J Robert Massengale Generating Station	Texas	3604	GT1	0	0	1	1	1
J T Deely	Texas	6181	1	11,687	11,432	10,800	10,921	12,120
J T Deely	Texas	6181	2	9,896	10,999	11,074	9,896	11,416
JCO Oxides Olefins Plant	Texas	54637	GCG1		6	5		5
JCO Oxides Olefins Plant	Texas	54637	GCG2		6	5		5
Jack County Generation Facility	Texas	55230	CT-1			0	3	4
Jack County Generation Facility	Texas	55230	CT-2			0	4	4
Johnson County Generation Facility	Texas	54817	EAST	6	4	1	1	3
Jones Station	Texas	3482	151B	3	3	4	4	3

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Guadalupe Generating Station	Texas	55153	CTG-4	3	3	2	3		
H W Pirkey Power Plant	Texas	7902	1	3,187	4,363	2,655	19,693		
Handley Generating Station	Texas	3491	3	1	1	1	2		
Handley Generating Station	Texas	3491	4	0	0	0	4		
Handley Generating Station	Texas	3491	5	0	0	1	3		
Hardin County Peaking Facility	Texas	56604	HCCT1	0	0	0	0		
Hardin County Peaking Facility	Texas	56604	HCCT2	0	0	0	0		
Harrington Station	Texas	6193	061B	6,983	6,941	6,327	10,113		
Harrington Station	Texas	6193	062B	5,314	8,203	5,565	9,629		
Harrington Station	Texas	6193	063B	6,838	7,006	8,424	9,863		
Harrison County Power Project	Texas	55664	GT-1	1	0	2	2		
Harrison County Power Project	Texas	55664	GT-2	1	1	1	2		
Hays Energy Project	Texas	55144	STK1	3	2	1	3		
Hays Energy Project	Texas	55144	STK2	3	2	1	3		
Hays Energy Project	Texas	55144	STK3	3	2	2	3		
Hays Energy Project	Texas	55144	STK4	3	3	2	3		
J K Spruce	Texas	7097	**1	3,783	890	1,131	4,133		
J K Spruce	Texas	7097	**2			158	158		
J Robert Massengale Generating Station	Texas	3604	GT1	1	1	1	1		
J T Deely	Texas	6181	1	10,709	8,419	9,671	12,120		
J T Deely	Texas	6181	2	11,366	8,624	11,539	11,539		
JCO Oxides Olefins Plant	Texas	54637	GCG1				6		
JCO Oxides Olefins Plant	Texas	54637	GCG2				6		
Jack County Generation Facility	Texas	55230	CT-1	3	4	3	4		
Jack County Generation Facility	Texas	55230	CT-2	4	4	3	4		
Johnson County Generation Facility	Texas	54817	EAST	4	3	3	6		
Jones Station	Texas	3482	151B	3	3	2	4		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Guadalupe Generating Station	Texas	55153	CTG-4					133	337
H W Pirkey Power Plant	Texas	7902	1					4,990	4,984
Handley Generating Station	Texas	3491	3					456	43
Handley Generating Station	Texas	3491	4					215	72
Handley Generating Station	Texas	3491	5					107	56
Hardin County Peaking Facility	Texas	56604	HCCT1					0	
Hardin County Peaking Facility	Texas	56604	HCCT2					0	
Harrington Station	Texas	6193	061B					5,149	3,822
Harrington Station	Texas	6193	062B					5,001	5,190
Harrington Station	Texas	6193	063B					4,573	5,594
Harrison County Power Project	Texas	55664	GT-1					2	19
Harrison County Power Project	Texas	55664	GT-2					78	16
Hays Energy Project	Texas	55144	STK1					44	0
Hays Energy Project	Texas	55144	STK2					40	1
Hays Energy Project	Texas	55144	STK3					35	0
Hays Energy Project	Texas	55144	STK4					32	0
J K Spruce	Texas	7097	**1					4,294	4,519
J K Spruce	Texas	7097	**2						
J Robert Massengale Generating Station	Texas	3604	GT1					30	22
J T Deely	Texas	6181	1					2,696	2,538
J T Deely	Texas	6181	2					2,305	2,464
JCO Oxides Olefins Plant	Texas	54637	GCG1						153
JCO Oxides Olefins Plant	Texas	54637	GCG2						153
Jack County Generation Facility	Texas	55230	CT-1						
Jack County Generation Facility	Texas	55230	CT-2						
Johnson County Generation Facility	Texas	54817	EAST					200	215
Jones Station	Texas	3482	151B					862	626

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Guadalupe Generating Station	Texas	55153	CTG-4	278	241	146	178	156
H W Pirkey Power Plant	Texas	7902	1	4,815	4,191	4,450	4,194	3,328
Handley Generating Station	Texas	3491	3	23	23	5	16	21
Handley Generating Station	Texas	3491	4	20	18	6	9	10
Handley Generating Station	Texas	3491	5	19	18	9	5	8
Hardin County Peaking Facility	Texas	56604	HCCT1	0		0	0	4
Hardin County Peaking Facility	Texas	56604	HCCT2	0	2	0	0	1
Harrington Station	Texas	6193	061B	4,294	4,323	3,288	4,668	3,360
Harrington Station	Texas	6193	062B	4,232	5,014	4,624	3,093	2,124
Harrington Station	Texas	6193	063B	5,059	3,891	2,023	2,170	2,041
Harrison County Power Project	Texas	55664	GT-1	2	29	32	26	15
Harrison County Power Project	Texas	55664	GT-2	4	27	40	33	28
Hays Energy Project	Texas	55144	STK1	41	55	39	63	39
Hays Energy Project	Texas	55144	STK2	45	56	43	64	43
Hays Energy Project	Texas	55144	STK3	61	54	103	61	48
Hays Energy Project	Texas	55144	STK4	43	49	233	64	58
J K Spruce	Texas	7097	**1	4,027	3,788	2,914	3,108	2,519
J K Spruce	Texas	7097	**2					
J Robert Massengale Generating Station	Texas	3604	GT1	56	69	39	38	40
J T Deely	Texas	6181	1	2,266	2,234	2,479	2,057	1,794
J T Deely	Texas	6181	2	2,337	2,009	2,291	2,150	1,863
JCO Oxides Olefins Plant	Texas	54637	GCG1	148		140		
JCO Oxides Olefins Plant	Texas	54637	GCG2	148		140		
Jack County Generation Facility	Texas	55230	CT-1	50	114	101	81	92
Jack County Generation Facility	Texas	55230	CT-2	37	123	104	98	97
Johnson County Generation Facility	Texas	54817	EAST	66	88	176	184	167
Jones Station	Texas	3482	151B	766	706	553	435	536

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Guadalupe Generating Station	Texas	55153	CTG-4	120	337				
H W Pirkey Power Plant	Texas	7902	1	3,752	4,990				
Handley Generating Station	Texas	3491	3	30	456				
Handley Generating Station	Texas	3491	4	6	215				
Handley Generating Station	Texas	3491	5	11	107				
Hardin County Peaking Facility	Texas	56604	HCCT1	6	6				
Hardin County Peaking Facility	Texas	56604	HCCT2	5	5				
Harrington Station	Texas	6193	061B	2,931	5,149				
Harrington Station	Texas	6193	062B	1,609	5,190				
Harrington Station	Texas	6193	063B	2,171	5,594				
Harrison County Power Project	Texas	55664	GT-1	47	47				
Harrison County Power Project	Texas	55664	GT-2	29	78				
Hays Energy Project	Texas	55144	STK1	32	63				
Hays Energy Project	Texas	55144	STK2	28	64				
Hays Energy Project	Texas	55144	STK3	38	103				
Hays Energy Project	Texas	55144	STK4	45	233				
J K Spruce	Texas	7097	**1	2,938	4,519				
J K Spruce	Texas	7097	**2	560	560				
J Robert Massengale Generating Station	Texas	3604	GT1	54	69				
J T Deely	Texas	6181	1	1,945	2,696				
J T Deely	Texas	6181	2	2,355	2,464				
JCO Oxides Olefins Plant	Texas	54637	GCG1		153				
JCO Oxides Olefins Plant	Texas	54637	GCG2		153				
Jack County Generation Facility	Texas	55230	CT-1	95	114				
Jack County Generation Facility	Texas	55230	CT-2	115	123				
Johnson County Generation Facility	Texas	54817	EAST	189	215				
Jones Station	Texas	3482	151B	451	862				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Guadalupe Generating Station	Texas	55153	CTG-4				
H W Pirkey Power Plant	Texas	7902	1				
Handley Generating Station	Texas	3491	3				
Handley Generating Station	Texas	3491	4				
Handley Generating Station	Texas	3491	5				
Hardin County Peaking Facility	Texas	56604	HCCT1				
Hardin County Peaking Facility	Texas	56604	HCCT2				
Harrington Station	Texas	6193	061B				
Harrington Station	Texas	6193	062B				
Harrington Station	Texas	6193	063B				
Harrison County Power Project	Texas	55664	GT-1				
Harrison County Power Project	Texas	55664	GT-2				
Hays Energy Project	Texas	55144	STK1				
Hays Energy Project	Texas	55144	STK2				
Hays Energy Project	Texas	55144	STK3				
Hays Energy Project	Texas	55144	STK4				
J K Spruce	Texas	7097	**1				
J K Spruce	Texas	7097	**2				
J Robert Massengale Generating Station	Texas	3604	GT1				
J T Deely	Texas	6181	1				
J T Deely	Texas	6181	2				
JCO Oxides Olefins Plant	Texas	54637	GCG1				
JCO Oxides Olefins Plant	Texas	54637	GCG2				
Jack County Generation Facility	Texas	55230	CT-1				
Jack County Generation Facility	Texas	55230	CT-2				
Johnson County Generation Facility	Texas	54817	EAST				
Jones Station	Texas	3482	151B				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Guadalupe Generating Station	Texas	55153	CTG-4				
H W Pirkey Power Plant	Texas	7902	1				
Handley Generating Station	Texas	3491	3				
Handley Generating Station	Texas	3491	4				
Handley Generating Station	Texas	3491	5				
Hardin County Peaking Facility	Texas	56604	HCCT1				
Hardin County Peaking Facility	Texas	56604	HCCT2				
Harrington Station	Texas	6193	061B				
Harrington Station	Texas	6193	062B				
Harrington Station	Texas	6193	063B				
Harrison County Power Project	Texas	55664	GT-1				
Harrison County Power Project	Texas	55664	GT-2				
Hays Energy Project	Texas	55144	STK1				
Hays Energy Project	Texas	55144	STK2				
Hays Energy Project	Texas	55144	STK3				
Hays Energy Project	Texas	55144	STK4				
J K Spruce	Texas	7097	**1				
J K Spruce	Texas	7097	**2				
J Robert Massengale Generating Station	Texas	3604	GT1				
J T Deely	Texas	6181	1				
J T Deely	Texas	6181	2				
JCO Oxides Olefins Plant	Texas	54637	GCG1				
JCO Oxides Olefins Plant	Texas	54637	GCG2				
Jack County Generation Facility	Texas	55230	CT-1				
Jack County Generation Facility	Texas	55230	CT-2				
Johnson County Generation Facility	Texas	54817	EAST				
Jones Station	Texas	3482	151B				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Guadalupe Generating Station	Texas	55153	CTG-4	337	337	337	337
H W Pirkey Power Plant	Texas	7902	1	2,641	2,641	2,641	2,641
Handley Generating Station	Texas	3491	3	172	172	172	172
Handley Generating Station	Texas	3491	4	114	114	114	114
Handley Generating Station	Texas	3491	5	107	107	107	107
Hardin County Peaking Facility	Texas	56604	HCCT1	6	6	6	6
Hardin County Peaking Facility	Texas	56604	HCCT2	5	5	5	5
Harrington Station	Texas	6193	061B	1,594	1,594	1,594	1,594
Harrington Station	Texas	6193	062B	1,563	1,563	1,563	1,563
Harrington Station	Texas	6193	063B	1,503	1,503	1,503	1,503
Harrison County Power Project	Texas	55664	GT-1	47	47	47	47
Harrison County Power Project	Texas	55664	GT-2	78	78	78	78
Hays Energy Project	Texas	55144	STK1	63	63	63	63
Hays Energy Project	Texas	55144	STK2	64	64	64	64
Hays Energy Project	Texas	55144	STK3	103	103	103	103
Hays Energy Project	Texas	55144	STK4	233	233	233	233
J K Spruce	Texas	7097	**1	2,480	2,480	2,480	2,480
J K Spruce	Texas	7097	**2	560	560	560	560
J Robert Massengale Generating Station	Texas	3604	GT1	69	69	69	69
J T Deely	Texas	6181	1	1,835	1,835	1,835	1,835
J T Deely	Texas	6181	2	1,809	1,809	1,809	1,809
JCO Oxides Olefins Plant	Texas	54637	GCG1	153	153	153	153
JCO Oxides Olefins Plant	Texas	54637	GCG2	153	153	153	153
Jack County Generation Facility	Texas	55230	CT-1	114	114	114	114
Jack County Generation Facility	Texas	55230	CT-2	123	123	123	123
Johnson County Generation Facility	Texas	54817	EAST	215	215	215	215
Jones Station	Texas	3482	151B	550	550	550	550

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation								
Guadalupe Generating Station	Texas	55153	CTG-4	337	337	4,317,442	3,978,471	3,939,723
H W Pirkey Power Plant	Texas	7902	1	2,641	2,641	23,950,626	22,780,690	21,687,441
Handley Generating Station	Texas	3491	3	172	172	2,760,112	796,502	3,038,567
Handley Generating Station	Texas	3491	4	114	114	2,289,194	386,761	830,645
Handley Generating Station	Texas	3491	5	107	107	2,131,281	662,136	553,761
Hardin County Peaking Facility	Texas	56604	HCCT1	6	6		8,990	4,587
Hardin County Peaking Facility	Texas	56604	HCCT2	5	5	56,849	10,977	4,823
Harrington Station	Texas	6193	061B	1,594	1,594	11,236,139	11,751,991	15,394,017
Harrington Station	Texas	6193	062B	1,563	1,563	12,071,163	12,790,975	12,333,535
Harrington Station	Texas	6193	063B	1,503	1,503	11,644,991	10,948,100	12,898,678
Harrison County Power Project	Texas	55664	GT-1	47	47	3,581,017	2,944,866	2,006,424
Harrison County Power Project	Texas	55664	GT-2	78	78	3,105,989	3,373,356	2,374,541
Hays Energy Project	Texas	55144	STK1	63	63	5,093,959	4,342,912	4,940,386
Hays Energy Project	Texas	55144	STK2	64	64	5,096,712	3,868,070	4,975,386
Hays Energy Project	Texas	55144	STK3	103	103	4,212,842	4,834,212	4,883,093
Hays Energy Project	Texas	55144	STK4	233	233	4,920,438	4,997,438	5,125,384
J K Spruce	Texas	7097	**1	2,480	2,480	19,846,693	22,499,488	20,904,217
J K Spruce	Texas	7097	**2	560	560			
J Robert Massengale Generating Station	Texas	3604	GT1	69	69	1,265,191	772,699	1,042,775
J T Deely	Texas	6181	1	1,835	1,835	16,297,190	16,540,000	16,489,191
J T Deely	Texas	6181	2	1,809	1,809	16,200,162	16,253,798	13,730,475
JCO Oxides Olefins Plant	Texas	54637	GCG1	153	153	1,507,829	994,558	3,495
JCO Oxides Olefins Plant	Texas	54637	GCG2	153	153	1,507,829	994,558	3,495
Jack County Generation Facility	Texas	55230	CT-1	114	114	4,684,136	5,927,693	3,545,731
Jack County Generation Facility	Texas	55230	CT-2	123	123	6,001,628	5,805,501	5,901,311
Johnson County Generation Facility	Texas	54817	EAST	215	215	1,146,310	5,145,007	4,783,644
Jones Station	Texas	3482	151B	550	550	5,785,830	4,367,221	3,933,616

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Guadalupe Generating Station	Texas	55153	CTG-4	4,008,987	4,155,483	4,160,637	1,726,255,329	0.002410
H W Pirkey Power Plant	Texas	7902	1	20,046,201	20,711,814	22,806,252	1,726,255,329	0.013211
Handley Generating Station	Texas	3491	3	3,636,830	1,928,521	3,145,170	1,726,255,329	0.001822
Handley Generating Station	Texas	3491	4	921,799	523,094	1,347,213	1,726,255,329	0.000780
Handley Generating Station	Texas	3491	5	693,213	849,201	1,224,565	1,726,255,329	0.000709
Hardin County Peaking Facility	Texas	56604	HCCT1		257,135	90,237	1,726,255,329	0.000052
Hardin County Peaking Facility	Texas	56604	HCCT2		250,307	106,044	1,726,255,329	0.000061
Harrington Station	Texas	6193	061B	10,769,448	8,785,861	12,794,049	1,726,255,329	0.007411
Harrington Station	Texas	6193	062B	11,404,645	8,896,726	12,398,558	1,726,255,329	0.007182
Harrington Station	Texas	6193	063B	11,413,814	12,127,360	12,223,677	1,726,255,329	0.007081
Harrison County Power Project	Texas	55664	GT-1	1,149,475	2,852,272	3,126,052	1,726,255,329	0.001811
Harrison County Power Project	Texas	55664	GT-2	1,286,953	2,105,417	2,951,295	1,726,255,329	0.001710
Hays Energy Project	Texas	55144	STK1	3,931,563	3,994,402	4,792,419	1,726,255,329	0.002776
Hays Energy Project	Texas	55144	STK2	3,995,616	4,062,772	4,711,623	1,726,255,329	0.002729
Hays Energy Project	Texas	55144	STK3	4,746,672	4,423,661	4,821,326	1,726,255,329	0.002793
Hays Energy Project	Texas	55144	STK4	4,732,087	4,140,183	5,014,420	1,726,255,329	0.002905
J K Spruce	Texas	7097	**1	16,958,857	20,692,818	21,365,508	1,726,255,329	0.012377
J K Spruce	Texas	7097	**2		22,241,829	22,241,829	1,726,255,329	0.012884
J Robert Massengale Generating Station	Texas	3604	GT1	984,845	1,167,543	1,158,503	1,726,255,329	0.000671
J T Deely	Texas	6181	1	13,478,260	14,377,808	16,442,127	1,726,255,329	0.009525
J T Deely	Texas	6181	2	13,247,432	14,505,017	15,652,992	1,726,255,329	0.009068
JCO Oxides Olefins Plant	Texas	54637	GCG1	3,533,272		2,011,887	1,726,255,329	0.001165
JCO Oxides Olefins Plant	Texas	54637	GCG2	3,533,272		2,011,887	1,726,255,329	0.001165
Jack County Generation Facility	Texas	55230	CT-1	5,770,338	5,741,114	5,813,048	1,726,255,329	0.003367
Jack County Generation Facility	Texas	55230	CT-2	5,966,386	5,888,549	5,956,442	1,726,255,329	0.003450
Johnson County Generation Facility	Texas	54817	EAST	5,210,396	5,244,967	5,200,123	1,726,255,329	0.003012
Jones Station	Texas	3482	151B	5,122,268	3,614,024	5,091,773	1,726,255,329	0.002950

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Guadalupe Generating Station	Texas	55153	CTG-4	62,938	62,938	152	152	66	55
H W Pirkey Power Plant	Texas	7902	1	62,938	62,938	831	831	2,274	2,105
Handley Generating Station	Texas	3491	3	62,938	62,938	115	115	345	9
Handley Generating Station	Texas	3491	4	62,938	62,938	49	49	61	46
Handley Generating Station	Texas	3491	5	62,938	62,938	45	45	51	37
Hardin County Peaking Facility	Texas	56604	HCCT1	62,938	62,938	3	3	0	
Hardin County Peaking Facility	Texas	56604	HCCT2	62,938	62,938	4	4	0	
Harrington Station	Texas	6193	061B	62,938	62,938	466	466	2,104	1,566
Harrington Station	Texas	6193	062B	62,938	62,938	452	452	2,068	2,100
Harrington Station	Texas	6193	063B	62,938	62,938	446	446	2,066	2,283
Harrison County Power Project	Texas	55664	GT-1	62,938	62,938	114	114	1	15
Harrison County Power Project	Texas	55664	GT-2	62,938	62,938	108	108	77	14
Hays Energy Project	Texas	55144	STK1	62,938	62,938	175	175	26	
Hays Energy Project	Texas	55144	STK2	62,938	62,938	172	172	23	
Hays Energy Project	Texas	55144	STK3	62,938	62,938	176	176	24	
Hays Energy Project	Texas	55144	STK4	62,938	62,938	183	183	13	
J K Spruce	Texas	7097	**1	62,938	62,938	779	779	1,990	1,877
J K Spruce	Texas	7097	**2	62,938	62,938	811	811		
J Robert Massengale Generating Station	Texas	3604	GT1	62,938	62,938	42	42	12	18
J T Deely	Texas	6181	1	62,938	62,938	599	599	1,204	1,145
J T Deely	Texas	6181	2	62,938	62,938	571	571	1,185	1,123
JCO Oxides Olefins Plant	Texas	54637	GCG1	62,938	62,938	73	73		66
JCO Oxides Olefins Plant	Texas	54637	GCG2	62,938	62,938	73	73		66
Jack County Generation Facility	Texas	55230	CT-1	62,938	62,938	212	212		
Jack County Generation Facility	Texas	55230	CT-2	62,938	62,938	217	217		
Johnson County Generation Facility	Texas	54817	EAST	62,938	62,938	190	190	93	92
Jones Station	Texas	3482	151B	62,938	62,938	186	186	478	287

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Guadalupe Generating Station	Texas	55153	CTG-4	135	125	65	86	70	64
H W Pirkey Power Plant	Texas	7902	1	2,242	1,990	1,945	1,935	1,864	1,639
Handley Generating Station	Texas	3491	3	21	19	5	16	21	30
Handley Generating Station	Texas	3491	4	13	12	2	4	6	4
Handley Generating Station	Texas	3491	5	14	12	4	3	4	5
Hardin County Peaking Facility	Texas	56604	HCCT1	0		0	0		4
Hardin County Peaking Facility	Texas	56604	HCCT2	0	2	0	0		4
Harrington Station	Texas	6193	061B	1,697	1,676	1,668	1,815	1,393	1,200
Harrington Station	Texas	6193	062B	1,743	2,066	1,949	1,435	806	705
Harrington Station	Texas	6193	063B	2,160	2,102	782	924	833	948
Harrison County Power Project	Texas	55664	GT-1	1	23	23	17	11	25
Harrison County Power Project	Texas	55664	GT-2	1	21	25	19	12	18
Hays Energy Project	Texas	55144	STK1	31	35	31	33	27	26
Hays Energy Project	Texas	55144	STK2	31	34	31	32	26	23
Hays Energy Project	Texas	55144	STK3	41	31	49	33	31	22
Hays Energy Project	Texas	55144	STK4	29	29	114	33	32	30
J K Spruce	Texas	7097	**1	1,797	1,741	1,425	1,332	1,064	1,222
J K Spruce	Texas	7097	**2						455
J Robert Massengale Generating Station	Texas	3604	GT1	23	28	18	15	21	24
J T Deely	Texas	6181	1	1,071	1,044	1,080	1,141	979	975
J T Deely	Texas	6181	2	946	1,034	1,047	939	959	984
JCO Oxides Olefins Plant	Texas	54637	GCG1	76		69			
JCO Oxides Olefins Plant	Texas	54637	GCG2	76		69			
Jack County Generation Facility	Texas	55230	CT-1		39	42	28	42	47
Jack County Generation Facility	Texas	55230	CT-2		54	42	46	47	52
Johnson County Generation Facility	Texas	54817	EAST	0	30	83	74	86	85
Jones Station	Texas	3482	151B	352	352	247	206	302	210

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Guadalupe Generating Station	Texas	55153	CTG-4	135					
H W Pirkey Power Plant	Texas	7902	1	2,274					
Handley Generating Station	Texas	3491	3	345					
Handley Generating Station	Texas	3491	4	61					
Handley Generating Station	Texas	3491	5	51					
Hardin County Peaking Facility	Texas	56604	HCCT1	4					
Hardin County Peaking Facility	Texas	56604	HCCT2	4					
Harrington Station	Texas	6193	061B	2,104					
Harrington Station	Texas	6193	062B	2,100					
Harrington Station	Texas	6193	063B	2,283					
Harrison County Power Project	Texas	55664	GT-1	25					
Harrison County Power Project	Texas	55664	GT-2	77					
Hays Energy Project	Texas	55144	STK1	35					
Hays Energy Project	Texas	55144	STK2	34					
Hays Energy Project	Texas	55144	STK3	49					
Hays Energy Project	Texas	55144	STK4	114					
J K Spruce	Texas	7097	**1	1,990					
J K Spruce	Texas	7097	**2	455					
J Robert Massengale Generating Station	Texas	3604	GT1	28					
J T Deely	Texas	6181	1	1,204					
J T Deely	Texas	6181	2	1,185					
JCO Oxides Olefins Plant	Texas	54637	GCG1	76					
JCO Oxides Olefins Plant	Texas	54637	GCG2	76					
Jack County Generation Facility	Texas	55230	CT-1	47					
Jack County Generation Facility	Texas	55230	CT-2	54					
Johnson County Generation Facility	Texas	54817	EAST	93					
Jones Station	Texas	3482	151B	478					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reappportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reappportionment if BV < (CF and CH))
Guadalupe Generating Station	Texas	55153	CTG-4			135	135
H W Pirkey Power Plant	Texas	7902	1			1,210	1,210
Handley Generating Station	Texas	3491	3			167	167
Handley Generating Station	Texas	3491	4			61	61
Handley Generating Station	Texas	3491	5			51	51
Hardin County Peaking Facility	Texas	56604	HCCT1			4	4
Hardin County Peaking Facility	Texas	56604	HCCT2			4	4
Harrington Station	Texas	6193	061B			679	679
Harrington Station	Texas	6193	062B			658	658
Harrington Station	Texas	6193	063B			648	648
Harrison County Power Project	Texas	55664	GT-1			25	25
Harrison County Power Project	Texas	55664	GT-2			77	77
Hays Energy Project	Texas	55144	STK1			35	35
Hays Energy Project	Texas	55144	STK2			34	34
Hays Energy Project	Texas	55144	STK3			49	49
Hays Energy Project	Texas	55144	STK4			114	114
J K Spruce	Texas	7097	**1			1,133	1,133
J K Spruce	Texas	7097	**2			455	455
J Robert Massengale Generating Station	Texas	3604	GT1			28	28
J T Deely	Texas	6181	1			872	872
J T Deely	Texas	6181	2			830	830
JCO Oxides Olefins Plant	Texas	54637	GCG1			76	76
JCO Oxides Olefins Plant	Texas	54637	GCG2			76	76
Jack County Generation Facility	Texas	55230	CT-1			47	47
Jack County Generation Facility	Texas	55230	CT-2			54	54
Johnson County Generation Facility	Texas	54817	EAST			93	93
Jones Station	Texas	3482	151B			270	270

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Guadalupe Generating Station	Texas	55153	CTG-4	135	135	135	135
H W Pirkey Power Plant	Texas	7902	1	1,210	1,210	1,210	1,210
Handley Generating Station	Texas	3491	3	167	167	167	167
Handley Generating Station	Texas	3491	4	61	61	61	61
Handley Generating Station	Texas	3491	5	51	51	51	51
Hardin County Peaking Facility	Texas	56604	HCCT1	4	4	4	4
Hardin County Peaking Facility	Texas	56604	HCCT2	4	4	4	4
Harrington Station	Texas	6193	061B	679	679	679	679
Harrington Station	Texas	6193	062B	658	658	658	658
Harrington Station	Texas	6193	063B	648	648	648	648
Harrison County Power Project	Texas	55664	GT-1	25	25	25	25
Harrison County Power Project	Texas	55664	GT-2	77	77	77	77
Hays Energy Project	Texas	55144	STK1	35	35	35	35
Hays Energy Project	Texas	55144	STK2	34	34	34	34
Hays Energy Project	Texas	55144	STK3	49	49	49	49
Hays Energy Project	Texas	55144	STK4	114	114	114	114
J K Spruce	Texas	7097	**1	1,133	1,133	1,133	1,133
J K Spruce	Texas	7097	**2	455	455	455	455
J Robert Massengale Generating Station	Texas	3604	GT1	28	28	28	28
J T Deely	Texas	6181	1	872	872	872	872
J T Deely	Texas	6181	2	830	830	830	830
JCO Oxides Olefins Plant	Texas	54637	GCG1	76	76	76	76
JCO Oxides Olefins Plant	Texas	54637	GCG2	76	76	76	76
Jack County Generation Facility	Texas	55230	CT-1	47	47	47	47
Jack County Generation Facility	Texas	55230	CT-2	54	54	54	54
Johnson County Generation Facility	Texas	54817	EAST	93	93	93	93
Jones Station	Texas	3482	151B	270	270	270	270

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Guadalupe Generating Station	Texas	55153	CTG-4	Y		Y	Y		
H W Pirkey Power Plant	Texas	7902	1	Y		Y	Y		
Handley Generating Station	Texas	3491	3	Y		Y	Y		
Handley Generating Station	Texas	3491	4	Y		Y	Y		
Handley Generating Station	Texas	3491	5	Y		Y	Y		
Hardin County Peaking Facility	Texas	56604	HCCT1	Y		Y	Y		
Hardin County Peaking Facility	Texas	56604	HCCT2	Y		Y	Y		
Harrington Station	Texas	6193	061B	Y		Y	Y		
Harrington Station	Texas	6193	062B	Y		Y	Y		
Harrington Station	Texas	6193	063B	Y		Y	Y		
Harrison County Power Project	Texas	55664	GT-1	Y		Y	Y		
Harrison County Power Project	Texas	55664	GT-2	Y		Y	Y		
Hays Energy Project	Texas	55144	STK1	Y		Y	Y		
Hays Energy Project	Texas	55144	STK2	Y		Y	Y		
Hays Energy Project	Texas	55144	STK3	Y		Y	Y		
Hays Energy Project	Texas	55144	STK4	Y		Y	Y		
J K Spruce	Texas	7097	**1	Y		Y	Y		
J K Spruce	Texas	7097	**2	Y		Y	Y		
J Robert Massengale Generating Station	Texas	3604	GT1	Y		Y	Y		
J T Deely	Texas	6181	1	Y		Y	Y		
J T Deely	Texas	6181	2	Y		Y	Y		
JCO Oxides Olefins Plant	Texas	54637	GCG1	Y		Y	Y	Y	
JCO Oxides Olefins Plant	Texas	54637	GCG2	Y		Y	Y	Y	
Jack County Generation Facility	Texas	55230	CT-1	Y		Y	Y		
Jack County Generation Facility	Texas	55230	CT-2	Y		Y	Y		
Johnson County Generation Facility	Texas	54817	EAST	Y		Y	Y		
Jones Station	Texas	3482	151B	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Jones Station	Texas	3482	152B	2395	12,885,787	10,027,778	7,433,370	9,367,941	10,255,677
Knox Lee Power Plant	Texas	3476	2	2385	145,958	42,119	30,613	21,265	80,301
Knox Lee Power Plant	Texas	3476	3	2386	198,256	21,232	42,464	14,970	68,916
Knox Lee Power Plant	Texas	3476	4	2387	230,636	195,400	248,470	128,276	63,765
Knox Lee Power Plant	Texas	3476	5	2388	5,508,014	4,044,501	3,180,452	3,878,275	4,295,625
Lake Creek	Texas	3502	1	2426	126,989	52,800	52,628	89,728	
Lake Creek	Texas	3502	2	2427	1,188,949	805,552	925,785	639,157	
Lake Hubbard	Texas	3452	1	2313	1,992,311	2,160,694	2,290,465	1,112,162	848,979
Lake Hubbard	Texas	3452	2	2314	4,321,860	4,783,955	7,608,464	4,448,335	3,114,232
Lamar Power (Paris)	Texas	55097	1	3879	8,358,892	7,335,595	6,984,761	9,706,898	6,223,288
Lamar Power (Paris)	Texas	55097	2	3880	8,417,090	7,772,480	6,637,287	9,084,254	6,186,232
Lamar Power (Paris)	Texas	55097	3	3881	7,931,161	9,683,557	6,655,639	9,001,613	6,367,987
Lamar Power (Paris)	Texas	55097	4	3882	8,825,823	9,177,111	6,892,173	9,383,636	6,832,795
Laredo	Texas	3439	4	90196			951,527	1,892,846	615,600
Laredo	Texas	3439	5	90197			577,365	1,761,942	546,497
Leon Creek	Texas	3609	3	2476	66,376	27,491	86,436	38,361	
Leon Creek	Texas	3609	4	2477		38,781	209,758	101,229	
Leon Creek	Texas	3609	CGT1	89297	376,231	308,615	353,785	235,289	137,977
Leon Creek	Texas	3609	CGT2	89298	375,051	331,240	372,260	267,164	17,363
Leon Creek	Texas	3609	CGT3	89299	383,431	308,761	327,811	276,992	154,140
Leon Creek	Texas	3609	CGT4	89300	353,630	304,247	331,492	379,877	188,136
Lewis Creek	Texas	3457	1	2332	9,272,929	10,125,902	11,939,497	10,333,841	10,721,885
Lewis Creek	Texas	3457	2	2333	9,739,268	11,015,966	11,892,402	9,628,632	10,782,892
Limestone	Texas	298	LIM1	176	66,010,219	63,936,426	70,048,891	54,997,618	67,879,618
Limestone	Texas	298	LIM2	177	53,910,484	66,714,436	73,077,356	67,714,821	63,480,696
Lone Star Power Plant	Texas	3477	1	2389	222,324	80,972	21,622	17,846	224,155
Lost Pines 1	Texas	55154	1	4032	12,361,192	11,812,173	12,270,940	11,947,035	10,769,656

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Jones Station	Texas	3482	152B	11,056,414	3,511,906,933	0.003148	279,747	279,747
Knox Lee Power Plant	Texas	3476	2	89,459	3,511,906,933	0.000025	279,747	279,747
Knox Lee Power Plant	Texas	3476	3	103,212	3,511,906,933	0.000029	279,747	279,747
Knox Lee Power Plant	Texas	3476	4	224,836	3,511,906,933	0.000064	279,747	279,747
Knox Lee Power Plant	Texas	3476	5	4,616,046	3,511,906,933	0.001314	279,747	279,747
Lake Creek	Texas	3502	1	89,839	3,511,906,933	0.000026	279,747	279,747
Lake Creek	Texas	3502	2	973,429	3,511,906,933	0.000277	279,747	279,747
Lake Hubbard	Texas	3452	1	2,147,823	3,511,906,933	0.000612	279,747	279,747
Lake Hubbard	Texas	3452	2	5,613,585	3,511,906,933	0.001598	279,747	279,747
Lamar Power (Paris)	Texas	55097	1	8,467,128	3,511,906,933	0.002411	279,747	279,747
Lamar Power (Paris)	Texas	55097	2	8,424,608	3,511,906,933	0.002399	279,747	279,747
Lamar Power (Paris)	Texas	55097	3	8,872,111	3,511,906,933	0.002526	279,747	279,747
Lamar Power (Paris)	Texas	55097	4	9,128,856	3,511,906,933	0.002599	279,747	279,747
Laredo	Texas	3439	4	1,153,325	3,511,906,933	0.000328	279,747	279,747
Laredo	Texas	3439	5	961,935	3,511,906,933	0.000274	279,747	279,747
Leon Creek	Texas	3609	3	63,725	3,511,906,933	0.000018	279,747	279,747
Leon Creek	Texas	3609	4	116,589	3,511,906,933	0.000033	279,747	279,747
Leon Creek	Texas	3609	CGT1	346,210	3,511,906,933	0.000099	279,747	279,747
Leon Creek	Texas	3609	CGT2	359,517	3,511,906,933	0.000102	279,747	279,747
Leon Creek	Texas	3609	CGT3	340,001	3,511,906,933	0.000097	279,747	279,747
Leon Creek	Texas	3609	CGT4	355,000	3,511,906,933	0.000101	279,747	279,747
Lewis Creek	Texas	3457	1	10,998,408	3,511,906,933	0.003132	279,747	279,747
Lewis Creek	Texas	3457	2	11,230,420	3,511,906,933	0.003198	279,747	279,747
Limestone	Texas	298	LIM1	67,979,576	3,511,906,933	0.019357	279,747	279,747
Limestone	Texas	298	LIM2	69,168,871	3,511,906,933	0.019696	279,747	279,747
Lone Star Power Plant	Texas	3477	1	175,817	3,511,906,933	0.000050	279,747	279,747
Lost Pines 1	Texas	55154	1	12,193,056	3,511,906,933	0.003472	279,747	279,747

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Jones Station	Texas	3482	152B	132,193	132,193	881	881	416	416
Knox Lee Power Plant	Texas	3476	2	132,193	132,193	7	7	3	3
Knox Lee Power Plant	Texas	3476	3	132,193	132,193	8	8	4	4
Knox Lee Power Plant	Texas	3476	4	132,193	132,193	18	18	8	8
Knox Lee Power Plant	Texas	3476	5	132,193	132,193	368	368	174	174
Lake Creek	Texas	3502	1	132,193	132,193	7	7	3	3
Lake Creek	Texas	3502	2	132,193	132,193	78	78	37	37
Lake Hubbard	Texas	3452	1	132,193	132,193	171	171	81	81
Lake Hubbard	Texas	3452	2	132,193	132,193	447	447	211	211
Lamar Power (Paris)	Texas	55097	1	132,193	132,193	674	674	319	319
Lamar Power (Paris)	Texas	55097	2	132,193	132,193	671	671	317	317
Lamar Power (Paris)	Texas	55097	3	132,193	132,193	707	707	334	334
Lamar Power (Paris)	Texas	55097	4	132,193	132,193	727	727	344	344
Laredo	Texas	3439	4	132,193	132,193	92	92	43	43
Laredo	Texas	3439	5	132,193	132,193	77	77	36	36
Leon Creek	Texas	3609	3	132,193	132,193	5	5	2	2
Leon Creek	Texas	3609	4	132,193	132,193	9	9	4	4
Leon Creek	Texas	3609	CGT1	132,193	132,193	28	28	13	13
Leon Creek	Texas	3609	CGT2	132,193	132,193	29	29	14	14
Leon Creek	Texas	3609	CGT3	132,193	132,193	27	27	13	13
Leon Creek	Texas	3609	CGT4	132,193	132,193	28	28	13	13
Lewis Creek	Texas	3457	1	132,193	132,193	876	876	414	414
Lewis Creek	Texas	3457	2	132,193	132,193	895	895	423	423
Limestone	Texas	298	LIM1	132,193	132,193	5,415	5,415	2,559	2,559
Limestone	Texas	298	LIM2	132,193	132,193	5,510	5,510	2,604	2,604
Lone Star Power Plant	Texas	3477	1	132,193	132,193	14	14	7	7
Lost Pines 1	Texas	55154	1	132,193	132,193	971	971	459	459

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Jones Station	Texas	3482	152B	7	4	3	4	3
Knox Lee Power Plant	Texas	3476	2			0	0	0
Knox Lee Power Plant	Texas	3476	3			0	0	0
Knox Lee Power Plant	Texas	3476	4	0	0	0	0	0
Knox Lee Power Plant	Texas	3476	5	89	47	31	65	1
Lake Creek	Texas	3502	1	0		0	0	0
Lake Creek	Texas	3502	2	0	0	0	0	0
Lake Hubbard	Texas	3452	1	22	1	3	1	1
Lake Hubbard	Texas	3452	2	24	3	1	4	7
Lamar Power (Paris)	Texas	55097	1	2	2	2	3	2
Lamar Power (Paris)	Texas	55097	2	2	2	2	3	2
Lamar Power (Paris)	Texas	55097	3	2	2	2	2	3
Lamar Power (Paris)	Texas	55097	4	2	2	2	3	3
Laredo	Texas	3439	4					
Laredo	Texas	3439	5					
Leon Creek	Texas	3609	3			0	0	0
Leon Creek	Texas	3609	4					0
Leon Creek	Texas	3609	CGT1		0	0	0	0
Leon Creek	Texas	3609	CGT2		0	0	0	0
Leon Creek	Texas	3609	CGT3		0	0	0	0
Leon Creek	Texas	3609	CGT4		0	0	0	0
Lewis Creek	Texas	3457	1	4	3	3	3	3
Lewis Creek	Texas	3457	2	3	3	3	3	3
Limestone	Texas	298	LIM1	15,920	12,535	9,193	9,616	7,265
Limestone	Texas	298	LIM2	13,164	10,036	8,580	6,301	7,412
Lone Star Power Plant	Texas	3477	1	0	0	0	0	0
Lost Pines 1	Texas	55154	1	3	4	4	4	4

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Jones Station	Texas	3482	152B	2	3	3	7		
Knox Lee Power Plant	Texas	3476	2	0	0	0	0		
Knox Lee Power Plant	Texas	3476	3	0	0	0	0		
Knox Lee Power Plant	Texas	3476	4	0	0	0	0		
Knox Lee Power Plant	Texas	3476	5	1	1	1	89		
Lake Creek	Texas	3502	1	0	0		0		
Lake Creek	Texas	3502	2	0	0		0		
Lake Hubbard	Texas	3452	1	1	0	0	22		
Lake Hubbard	Texas	3452	2	2	2	5	24		
Lamar Power (Paris)	Texas	55097	1	2	3	2	3		
Lamar Power (Paris)	Texas	55097	2	2	3	2	3		
Lamar Power (Paris)	Texas	55097	3	2	3	2	3		
Lamar Power (Paris)	Texas	55097	4	2	3	2	3		
Laredo	Texas	3439	4	0	1	0	1		
Laredo	Texas	3439	5	0	1	0	1		
Leon Creek	Texas	3609	3	0	0		0		
Leon Creek	Texas	3609	4	0	0		0		
Leon Creek	Texas	3609	CGT1	0	0	0	0		
Leon Creek	Texas	3609	CGT2	0	0	0	0		
Leon Creek	Texas	3609	CGT3	0	0	0	0		
Leon Creek	Texas	3609	CGT4	0	0	0	0		
Lewis Creek	Texas	3457	1	4	3	3	4		
Lewis Creek	Texas	3457	2	4	3	3	4		
Limestone	Texas	298	LIM1	10,380	9,157	10,977	15,920		
Limestone	Texas	298	LIM2	10,675	11,691	10,677	13,164		
Lone Star Power Plant	Texas	3477	1	0	0	0	0		
Lost Pines 1	Texas	55154	1	4	4	3	4		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Jones Station	Texas	3482	152B					674	599
Knox Lee Power Plant	Texas	3476	2						0
Knox Lee Power Plant	Texas	3476	3						0
Knox Lee Power Plant	Texas	3476	4					29	30
Knox Lee Power Plant	Texas	3476	5					502	319
Lake Creek	Texas	3502	1					8	
Lake Creek	Texas	3502	2					110	107
Lake Hubbard	Texas	3452	1					360	117
Lake Hubbard	Texas	3452	2					124	41
Lamar Power (Paris)	Texas	55097	1					111	107
Lamar Power (Paris)	Texas	55097	2					113	104
Lamar Power (Paris)	Texas	55097	3					111	105
Lamar Power (Paris)	Texas	55097	4					119	110
Laredo	Texas	3439	4						
Laredo	Texas	3439	5						
Leon Creek	Texas	3609	3					0	
Leon Creek	Texas	3609	4						
Leon Creek	Texas	3609	CGT1						5
Leon Creek	Texas	3609	CGT2						5
Leon Creek	Texas	3609	CGT3						5
Leon Creek	Texas	3609	CGT4						5
Lewis Creek	Texas	3457	1					304	149
Lewis Creek	Texas	3457	2					350	149
Limestone	Texas	298	LIM1					6,812	5,912
Limestone	Texas	298	LIM2					5,239	5,648
Lone Star Power Plant	Texas	3477	1					5	12
Lost Pines 1	Texas	55154	1					93	102

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Jones Station	Texas	3482	152B	528	598	447	302	385
Knox Lee Power Plant	Texas	3476	2	5	6	2	1	1
Knox Lee Power Plant	Texas	3476	3	10	12	1	3	1
Knox Lee Power Plant	Texas	3476	4	54	46	29	32	20
Knox Lee Power Plant	Texas	3476	5	477	437	284	228	338
Lake Creek	Texas	3502	1	3	15	5	5	4
Lake Creek	Texas	3502	2	108	147	93	110	58
Lake Hubbard	Texas	3452	1	158	124	141	157	68
Lake Hubbard	Texas	3452	2	23	23	40	42	27
Lamar Power (Paris)	Texas	55097	1	153	157	113	109	149
Lamar Power (Paris)	Texas	55097	2	135	159	124	102	135
Lamar Power (Paris)	Texas	55097	3	137	140	153	121	150
Lamar Power (Paris)	Texas	55097	4	178	166	151	118	145
Laredo	Texas	3439	4				5	11
Laredo	Texas	3439	5				4	11
Leon Creek	Texas	3609	3	3	5	2	7	3
Leon Creek	Texas	3609	4			22	39	13
Leon Creek	Texas	3609	CGT1	7	4	3	4	2
Leon Creek	Texas	3609	CGT2	6	4	3	4	3
Leon Creek	Texas	3609	CGT3	6	4	4	4	3
Leon Creek	Texas	3609	CGT4	6	3	3	3	3
Lewis Creek	Texas	3457	1	103	94	117	131	102
Lewis Creek	Texas	3457	2	130	109	134	132	95
Limestone	Texas	298	LIM1	6,192	6,822	6,019	6,620	5,253
Limestone	Texas	298	LIM2	5,918	5,412	6,850	7,673	6,767
Lone Star Power Plant	Texas	3477	1	28	18	10	2	2
Lost Pines 1	Texas	55154	1	102	105	100	103	100

Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
					Highest value of columns AK - AR				
Calculation									
Jones Station	Texas	3482	152B	428	674				
Knox Lee Power Plant	Texas	3476	2	3	6				
Knox Lee Power Plant	Texas	3476	3	4	12				
Knox Lee Power Plant	Texas	3476	4	8	54				
Knox Lee Power Plant	Texas	3476	5	344	502				
Lake Creek	Texas	3502	1		15				
Lake Creek	Texas	3502	2		147				
Lake Hubbard	Texas	3452	1	57	360				
Lake Hubbard	Texas	3452	2	18	124				
Lamar Power (Paris)	Texas	55097	1	99	157				
Lamar Power (Paris)	Texas	55097	2	88	159				
Lamar Power (Paris)	Texas	55097	3	110	153				
Lamar Power (Paris)	Texas	55097	4	106	178				
Laredo	Texas	3439	4	4	11				
Laredo	Texas	3439	5	3	11				
Leon Creek	Texas	3609	3		7				
Leon Creek	Texas	3609	4		39				
Leon Creek	Texas	3609	CGT1	2	7				
Leon Creek	Texas	3609	CGT2	0	6				
Leon Creek	Texas	3609	CGT3	2	6				
Leon Creek	Texas	3609	CGT4	2	6				
Lewis Creek	Texas	3457	1	100	304				
Lewis Creek	Texas	3457	2	116	350				
Limestone	Texas	298	LIM1	6,721	6,822				
Limestone	Texas	298	LIM2	6,413	7,673				
Lone Star Power Plant	Texas	3477	1	20	28				
Lost Pines 1	Texas	55154	1	90	105				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)
Jones Station	Texas	3482	152B				
Knox Lee Power Plant	Texas	3476	2				
Knox Lee Power Plant	Texas	3476	3				
Knox Lee Power Plant	Texas	3476	4				
Knox Lee Power Plant	Texas	3476	5				
Lake Creek	Texas	3502	1				
Lake Creek	Texas	3502	2				
Lake Hubbard	Texas	3452	1				
Lake Hubbard	Texas	3452	2				
Lamar Power (Paris)	Texas	55097	1				
Lamar Power (Paris)	Texas	55097	2				
Lamar Power (Paris)	Texas	55097	3				
Lamar Power (Paris)	Texas	55097	4				
Laredo	Texas	3439	4				
Laredo	Texas	3439	5				
Leon Creek	Texas	3609	3				
Leon Creek	Texas	3609	4				
Leon Creek	Texas	3609	CGT1				
Leon Creek	Texas	3609	CGT2				
Leon Creek	Texas	3609	CGT3				
Leon Creek	Texas	3609	CGT4				
Lewis Creek	Texas	3457	1				
Lewis Creek	Texas	3457	2				
Limestone	Texas	298	LIM1				
Limestone	Texas	298	LIM2				
Lone Star Power Plant	Texas	3477	1				
Lost Pines 1	Texas	55154	1				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Jones Station	Texas	3482	152B				
Knox Lee Power Plant	Texas	3476	2				
Knox Lee Power Plant	Texas	3476	3				
Knox Lee Power Plant	Texas	3476	4				
Knox Lee Power Plant	Texas	3476	5				
Lake Creek	Texas	3502	1				
Lake Creek	Texas	3502	2				
Lake Hubbard	Texas	3452	1				
Lake Hubbard	Texas	3452	2				
Lamar Power (Paris)	Texas	55097	1				
Lamar Power (Paris)	Texas	55097	2				
Lamar Power (Paris)	Texas	55097	3				
Lamar Power (Paris)	Texas	55097	4				
Laredo	Texas	3439	4				
Laredo	Texas	3439	5				
Leon Creek	Texas	3609	3				
Leon Creek	Texas	3609	4				
Leon Creek	Texas	3609	CGT1				
Leon Creek	Texas	3609	CGT2				
Leon Creek	Texas	3609	CGT3				
Leon Creek	Texas	3609	CGT4				
Lewis Creek	Texas	3457	1				
Lewis Creek	Texas	3457	2				
Limestone	Texas	298	LIM1				
Limestone	Texas	298	LIM2				
Lone Star Power Plant	Texas	3477	1				
Lost Pines 1	Texas	55154	1				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Jones Station	Texas	3482	152B	584	584	584	584
Knox Lee Power Plant	Texas	3476	2	5	5	5	5
Knox Lee Power Plant	Texas	3476	3	5	5	5	5
Knox Lee Power Plant	Texas	3476	4	12	12	12	12
Knox Lee Power Plant	Texas	3476	5	244	244	244	244
Lake Creek	Texas	3502	1	5	5	5	5
Lake Creek	Texas	3502	2	51	51	51	51
Lake Hubbard	Texas	3452	1	114	114	114	114
Lake Hubbard	Texas	3452	2	124	124	124	124
Lamar Power (Paris)	Texas	55097	1	157	157	157	157
Lamar Power (Paris)	Texas	55097	2	159	159	159	159
Lamar Power (Paris)	Texas	55097	3	153	153	153	153
Lamar Power (Paris)	Texas	55097	4	178	178	178	178
Laredo	Texas	3439	4	11	11	11	11
Laredo	Texas	3439	5	11	11	11	11
Leon Creek	Texas	3609	3	3	3	3	3
Leon Creek	Texas	3609	4	6	6	6	6
Leon Creek	Texas	3609	CGT1	7	7	7	7
Leon Creek	Texas	3609	CGT2	6	6	6	6
Leon Creek	Texas	3609	CGT3	6	6	6	6
Leon Creek	Texas	3609	CGT4	6	6	6	6
Lewis Creek	Texas	3457	1	304	304	304	304
Lewis Creek	Texas	3457	2	350	350	350	350
Limestone	Texas	298	LIM1	3,593	3,593	3,593	3,593
Limestone	Texas	298	LIM2	3,656	3,656	3,656	3,656
Lone Star Power Plant	Texas	3477	1	9	9	9	9
Lost Pines 1	Texas	55154	1	105	105	105	105

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation								
Jones Station	Texas	3482	152B	584	584	5,775,804	4,460,395	3,482,553
Knox Lee Power Plant	Texas	3476	2	5	5	129,967	42,118	30,613
Knox Lee Power Plant	Texas	3476	3	5	5	178,663	19,510	42,464
Knox Lee Power Plant	Texas	3476	4	12	12	121,756	119,903	110,394
Knox Lee Power Plant	Texas	3476	5	244	244	3,014,928	1,535,737	1,998,661
Lake Creek	Texas	3502	1	5	5	126,374	50,521	49,064
Lake Creek	Texas	3502	2	51	51	1,031,545	561,208	806,587
Lake Hubbard	Texas	3452	1	114	114	1,670,249	1,257,976	1,760,379
Lake Hubbard	Texas	3452	2	124	124	3,033,421	3,142,041	4,441,500
Lamar Power (Paris)	Texas	55097	1	157	157	4,625,971	3,717,695	4,072,331
Lamar Power (Paris)	Texas	55097	2	159	159	4,710,490	4,041,829	4,101,886
Lamar Power (Paris)	Texas	55097	3	153	153	4,387,911	4,632,844	4,006,279
Lamar Power (Paris)	Texas	55097	4	178	178	4,536,227	4,590,030	4,034,816
Laredo	Texas	3439	4	11	11			545,972
Laredo	Texas	3439	5	11	11			257,805
Leon Creek	Texas	3609	3	3	3	51,987	11,595	80,050
Leon Creek	Texas	3609	4	6	6		29,328	195,994
Leon Creek	Texas	3609	CGT1	7	7	181,570	159,841	255,444
Leon Creek	Texas	3609	CGT2	6	6	197,386	169,504	274,207
Leon Creek	Texas	3609	CGT3	6	6	193,179	160,684	191,957
Leon Creek	Texas	3609	CGT4	6	6	189,276	162,277	221,230
Lewis Creek	Texas	3457	1	304	304	4,886,127	4,681,578	5,531,103
Lewis Creek	Texas	3457	2	350	350	5,297,149	6,096,449	5,748,393
Limestone	Texas	298	LIM1	3,593	3,593	29,505,102	26,841,432	29,614,030
Limestone	Texas	298	LIM2	3,656	3,656	27,747,885	29,002,700	32,940,148
Lone Star Power Plant	Texas	3477	1	9	9	209,565	80,972	21,596
Lost Pines 1	Texas	55154	1	105	105	5,144,138	5,072,900	5,261,710

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Jones Station	Texas	3482	152B	4,642,327	5,200,021	5,206,051	1,726,255,329	0.003016
Knox Lee Power Plant	Texas	3476	2	8,160	62,190	78,092	1,726,255,329	0.000045
Knox Lee Power Plant	Texas	3476	3	3,197	68,660	96,596	1,726,255,329	0.000056
Knox Lee Power Plant	Texas	3476	4	54,438	51,828	117,351	1,726,255,329	0.000068
Knox Lee Power Plant	Texas	3476	5	1,769,262	2,172,365	2,395,318	1,726,255,329	0.001388
Lake Creek	Texas	3502	1	87,826		88,240	1,726,255,329	0.000051
Lake Creek	Texas	3502	2	504,621		799,780	1,726,255,329	0.000463
Lake Hubbard	Texas	3452	1	912,619	570,819	1,562,868	1,726,255,329	0.000905
Lake Hubbard	Texas	3452	2	2,906,619	2,132,754	3,538,987	1,726,255,329	0.002050
Lamar Power (Paris)	Texas	55097	1	5,273,046	3,478,704	4,657,116	1,726,255,329	0.002698
Lamar Power (Paris)	Texas	55097	2	5,173,270	2,973,226	4,661,882	1,726,255,329	0.002701
Lamar Power (Paris)	Texas	55097	3	4,620,215	2,873,128	4,546,990	1,726,255,329	0.002634
Lamar Power (Paris)	Texas	55097	4	4,730,262	2,867,378	4,618,840	1,726,255,329	0.002676
Laredo	Texas	3439	4	1,119,466	317,321	660,920	1,726,255,329	0.000383
Laredo	Texas	3439	5	1,103,391	260,769	540,655	1,726,255,329	0.000313
Leon Creek	Texas	3609	3	38,361		56,799	1,726,255,329	0.000033
Leon Creek	Texas	3609	4	100,717		108,679	1,726,255,329	0.000063
Leon Creek	Texas	3609	CGT1	164,628	92,484	200,547	1,726,255,329	0.000116
Leon Creek	Texas	3609	CGT2	194,708	174	222,100	1,726,255,329	0.000129
Leon Creek	Texas	3609	CGT3	177,043	103,627	187,393	1,726,255,329	0.000109
Leon Creek	Texas	3609	CGT4	279,253	118,859	229,920	1,726,255,329	0.000133
Lewis Creek	Texas	3457	1	5,901,161	5,752,922	5,728,395	1,726,255,329	0.003318
Lewis Creek	Texas	3457	2	5,750,047	5,521,513	5,864,963	1,726,255,329	0.003398
Limestone	Texas	298	LIM1	25,915,053	28,459,832	29,192,988	1,726,255,329	0.016911
Limestone	Texas	298	LIM2	28,171,211	31,513,333	31,152,060	1,726,255,329	0.018046
Lone Star Power Plant	Texas	3477	1	16,990	187,827	159,455	1,726,255,329	0.000092
Lost Pines 1	Texas	55154	1	5,720,103	5,067,871	5,375,317	1,726,255,329	0.003114

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Jones Station	Texas	3482	152B	62,938	62,938	190	190	306	256
Knox Lee Power Plant	Texas	3476	2	62,938	62,938	3	3		0
Knox Lee Power Plant	Texas	3476	3	62,938	62,938	4	4		0
Knox Lee Power Plant	Texas	3476	4	62,938	62,938	4	4	18	10
Knox Lee Power Plant	Texas	3476	5	62,938	62,938	87	87	291	151
Lake Creek	Texas	3502	1	62,938	62,938	3	3	7	
Lake Creek	Texas	3502	2	62,938	62,938	29	29	82	90
Lake Hubbard	Texas	3452	1	62,938	62,938	57	57	150	95
Lake Hubbard	Texas	3452	2	62,938	62,938	129	129	40	14
Lamar Power (Paris)	Texas	55097	1	62,938	62,938	170	170	55	62
Lamar Power (Paris)	Texas	55097	2	62,938	62,938	170	170	55	55
Lamar Power (Paris)	Texas	55097	3	62,938	62,938	166	166	51	57
Lamar Power (Paris)	Texas	55097	4	62,938	62,938	168	168	59	58
Laredo	Texas	3439	4	62,938	62,938	24	24		
Laredo	Texas	3439	5	62,938	62,938	20	20		
Leon Creek	Texas	3609	3	62,938	62,938	2	2	0	
Leon Creek	Texas	3609	4	62,938	62,938	4	4		
Leon Creek	Texas	3609	CGT1	62,938	62,938	7	7		3
Leon Creek	Texas	3609	CGT2	62,938	62,938	8	8		3
Leon Creek	Texas	3609	CGT3	62,938	62,938	7	7		3
Leon Creek	Texas	3609	CGT4	62,938	62,938	8	8		3
Lewis Creek	Texas	3457	1	62,938	62,938	209	209	69	76
Lewis Creek	Texas	3457	2	62,938	62,938	214	214	89	60
Limestone	Texas	298	LIM1	62,938	62,938	1,064	1,064	2,762	2,456
Limestone	Texas	298	LIM2	62,938	62,938	1,136	1,136	2,576	2,486
Lone Star Power Plant	Texas	3477	1	62,938	62,938	6	6	5	12
Lost Pines 1	Texas	55154	1	62,938	62,938	196	196	46	46

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Jones Station	Texas	3482	152B	283	261	188	131	193	211
Knox Lee Power Plant	Texas	3476	2	4	5	2	1	0	2
Knox Lee Power Plant	Texas	3476	3	9	11	1	3	0	4
Knox Lee Power Plant	Texas	3476	4	44	26	18	13	8	7
Knox Lee Power Plant	Texas	3476	5	339	233	104	157	176	170
Lake Creek	Texas	3502	1		15	5	5	4	
Lake Creek	Texas	3502	2	89	128	66	99	46	
Lake Hubbard	Texas	3452	1	93	104	80	124	56	40
Lake Hubbard	Texas	3452	2	15	14	17	22	14	11
Lamar Power (Paris)	Texas	55097	1	75	77	54	59	78	55
Lamar Power (Paris)	Texas	55097	2	65	88	62	59	73	40
Lamar Power (Paris)	Texas	55097	3	65	71	71	65	74	49
Lamar Power (Paris)	Texas	55097	4	82	78	73	65	70	43
Laredo	Texas	3439	4				3	7	2
Laredo	Texas	3439	5				2	7	1
Leon Creek	Texas	3609	3	3	4	1	6	3	
Leon Creek	Texas	3609	4			18	36	13	
Leon Creek	Texas	3609	CGT1	3	2	2	2	2	1
Leon Creek	Texas	3609	CGT2	3	2	2	3	2	0
Leon Creek	Texas	3609	CGT3	3	2	2	2	2	1
Leon Creek	Texas	3609	CGT4	3	2	1	2	2	1
Lewis Creek	Texas	3457	1	66	49	59	61	56	55
Lewis Creek	Texas	3457	2	69	53	79	59	55	61
Limestone	Texas	298	LIM1	2,722	3,139	2,544	2,746	2,650	2,755
Limestone	Texas	298	LIM2	2,787	2,845	2,879	3,486	3,025	3,295
Lone Star Power Plant	Texas	3477	1	25	17	10	2	2	16
Lost Pines 1	Texas	55154	1	46	43	43	44	48	42

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Jones Station	Texas	3482	152B	306					
Knox Lee Power Plant	Texas	3476	2	5					
Knox Lee Power Plant	Texas	3476	3	11					
Knox Lee Power Plant	Texas	3476	4	44					
Knox Lee Power Plant	Texas	3476	5	339					
Lake Creek	Texas	3502	1	15					
Lake Creek	Texas	3502	2	128					
Lake Hubbard	Texas	3452	1	150					
Lake Hubbard	Texas	3452	2	40					
Lamar Power (Paris)	Texas	55097	1	78					
Lamar Power (Paris)	Texas	55097	2	88					
Lamar Power (Paris)	Texas	55097	3	74					
Lamar Power (Paris)	Texas	55097	4	82					
Laredo	Texas	3439	4	7					
Laredo	Texas	3439	5	7					
Leon Creek	Texas	3609	3	6					
Leon Creek	Texas	3609	4	36					
Leon Creek	Texas	3609	CGT1	3					
Leon Creek	Texas	3609	CGT2	3					
Leon Creek	Texas	3609	CGT3	3					
Leon Creek	Texas	3609	CGT4	3					
Lewis Creek	Texas	3457	1	76					
Lewis Creek	Texas	3457	2	89					
Limestone	Texas	298	LIM1	3,139					
Limestone	Texas	298	LIM2	3,486					
Lone Star Power Plant	Texas	3477	1	25					
Lost Pines 1	Texas	55154	1	48					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Jones Station	Texas	3482	152B			276	276
Knox Lee Power Plant	Texas	3476	2			4	4
Knox Lee Power Plant	Texas	3476	3			5	5
Knox Lee Power Plant	Texas	3476	4			6	6
Knox Lee Power Plant	Texas	3476	5			127	127
Lake Creek	Texas	3502	1			5	5
Lake Creek	Texas	3502	2			42	42
Lake Hubbard	Texas	3452	1			83	83
Lake Hubbard	Texas	3452	2			40	40
Lamar Power (Paris)	Texas	55097	1			78	78
Lamar Power (Paris)	Texas	55097	2			88	88
Lamar Power (Paris)	Texas	55097	3			74	74
Lamar Power (Paris)	Texas	55097	4			82	82
Laredo	Texas	3439	4			7	7
Laredo	Texas	3439	5			7	7
Leon Creek	Texas	3609	3			3	3
Leon Creek	Texas	3609	4			6	6
Leon Creek	Texas	3609	CGT1			3	3
Leon Creek	Texas	3609	CGT2			3	3
Leon Creek	Texas	3609	CGT3			3	3
Leon Creek	Texas	3609	CGT4			3	3
Lewis Creek	Texas	3457	1			76	76
Lewis Creek	Texas	3457	2			89	89
Limestone	Texas	298	LIM1			1,549	1,549
Limestone	Texas	298	LIM2			1,653	1,653
Lone Star Power Plant	Texas	3477	1			8	8
Lost Pines 1	Texas	55154	1			48	48

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI))	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ))	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK))	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL))
Jones Station	Texas	3482	152B	276	276	276	276
Knox Lee Power Plant	Texas	3476	2	4	4	4	4
Knox Lee Power Plant	Texas	3476	3	5	5	5	5
Knox Lee Power Plant	Texas	3476	4	6	6	6	6
Knox Lee Power Plant	Texas	3476	5	127	127	127	127
Lake Creek	Texas	3502	1	5	5	5	5
Lake Creek	Texas	3502	2	42	42	42	42
Lake Hubbard	Texas	3452	1	83	83	83	83
Lake Hubbard	Texas	3452	2	40	40	40	40
Lamar Power (Paris)	Texas	55097	1	78	78	78	78
Lamar Power (Paris)	Texas	55097	2	88	88	88	88
Lamar Power (Paris)	Texas	55097	3	74	74	74	74
Lamar Power (Paris)	Texas	55097	4	82	82	82	82
Laredo	Texas	3439	4	7	7	7	7
Laredo	Texas	3439	5	7	7	7	7
Leon Creek	Texas	3609	3	3	3	3	3
Leon Creek	Texas	3609	4	6	6	6	6
Leon Creek	Texas	3609	CGT1	3	3	3	3
Leon Creek	Texas	3609	CGT2	3	3	3	3
Leon Creek	Texas	3609	CGT3	3	3	3	3
Leon Creek	Texas	3609	CGT4	3	3	3	3
Lewis Creek	Texas	3457	1	76	76	76	76
Lewis Creek	Texas	3457	2	89	89	89	89
Limestone	Texas	298	LIM1	1,549	1,549	1,549	1,549
Limestone	Texas	298	LIM2	1,653	1,653	1,653	1,653
Lone Star Power Plant	Texas	3477	1	8	8	8	8
Lost Pines 1	Texas	55154	1	48	48	48	48

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Jones Station	Texas	3482	152B	Y		Y	Y		
Knox Lee Power Plant	Texas	3476	2	Y		Y	Y		
Knox Lee Power Plant	Texas	3476	3	Y		Y	Y		
Knox Lee Power Plant	Texas	3476	4	Y		Y	Y		
Knox Lee Power Plant	Texas	3476	5	Y		Y	Y		
Lake Creek	Texas	3502	1	Y		Y	Y		
Lake Creek	Texas	3502	2	Y		Y	Y		
Lake Hubbard	Texas	3452	1	Y		Y	Y		
Lake Hubbard	Texas	3452	2	Y		Y	Y		
Lamar Power (Paris)	Texas	55097	1	Y		Y	Y		
Lamar Power (Paris)	Texas	55097	2	Y		Y	Y		
Lamar Power (Paris)	Texas	55097	3	Y		Y	Y		
Lamar Power (Paris)	Texas	55097	4	Y		Y	Y		
Laredo	Texas	3439	4	Y		Y	Y		
Laredo	Texas	3439	5	Y		Y	Y		
Leon Creek	Texas	3609	3	Y		Y	Y		
Leon Creek	Texas	3609	4	Y		Y	Y		
Leon Creek	Texas	3609	CGT1	Y		Y	Y		
Leon Creek	Texas	3609	CGT2	Y		Y	Y		
Leon Creek	Texas	3609	CGT3	Y		Y	Y		
Leon Creek	Texas	3609	CGT4	Y		Y	Y		
Lewis Creek	Texas	3457	1	Y		Y	Y		
Lewis Creek	Texas	3457	2	Y		Y	Y		
Limestone	Texas	298	LIM1	Y		Y	Y		
Limestone	Texas	298	LIM2	Y		Y	Y		
Lone Star Power Plant	Texas	3477	1	Y		Y	Y		
Lost Pines 1	Texas	55154	1	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Lost Pines 1	Texas	55154	2	4033	12,222,418	11,622,382	12,635,959	11,763,648	11,263,478
Magic Valley Generating Station	Texas	55123	CTG-1	3951	5,947,190	11,357,282	11,370,275	10,293,996	9,237,626
Magic Valley Generating Station	Texas	55123	CTG-2	3952	5,868,341	10,032,048	12,366,132	11,288,539	11,449,047
Martin Lake	Texas	6146	1	2804	61,586,468	69,518,121	67,447,807	59,005,515	66,009,662
Martin Lake	Texas	6146	2	2805	64,029,269	62,204,810	68,431,694	63,006,846	54,547,955
Martin Lake	Texas	6146	3	2806	70,038,334	68,711,063	57,228,814	57,758,629	67,799,564
Midlothian Energy	Texas	55091	STK1	3873	9,749,933	6,698,239	5,421,829	4,123,029	4,240,100
Midlothian Energy	Texas	55091	STK2	3874	8,947,499	6,211,795	6,008,626	4,149,381	3,860,552
Midlothian Energy	Texas	55091	STK3	3875	6,106,018	7,838,857	5,379,814	5,085,874	2,030,540
Midlothian Energy	Texas	55091	STK4	3876	9,098,693	8,251,844	6,728,467	4,284,280	4,173,001
Midlothian Energy	Texas	55091	STK5	3877	8,260,925	10,559,235	7,427,323	5,311,512	5,691,866
Midlothian Energy	Texas	55091	STK6	3878	9,646,151	10,391,644	8,335,410	5,546,817	3,328,003
Monticello	Texas	6147	1	2807	49,687,280	48,265,561	47,190,134	45,575,619	40,192,358
Monticello	Texas	6147	2	2808	47,261,519	50,879,279	50,322,798	46,997,564	42,634,585
Monticello	Texas	6147	3	2809	70,849,238	68,946,699	59,740,384	66,410,429	56,946,054
Moore County Station	Texas	3483	3	2397	569,151	1,103,438	1,123,235	686,001	719,355
Morgan Creek	Texas	3492	5	2418	233,870	78,131			
Morgan Creek	Texas	3492	6	2419					
Morgan Creek	Texas	3492	CT1	90017			154,969	77,442	146,038
Morgan Creek	Texas	3492	CT2	90018			144,668	88,827	241,105
Morgan Creek	Texas	3492	CT3	90019			148,117	73,480	212,949
Morgan Creek	Texas	3492	CT4	90020			103,685	55,524	198,864
Morgan Creek	Texas	3492	CT5	90021			134,115	77,089	181,778
Morgan Creek	Texas	3492	CT6	90022			129,907	66,864	164,299
Mountain Creek Generating Station	Texas	3453	6	2318	600,319	184,599	168,751	498,891	325,405
Mountain Creek Generating Station	Texas	3453	7	2319	665,488	200,501	258,933	461,684	302,983
Mountain Creek Generating Station	Texas	3453	8	2320	5,077,823	4,335,135	2,432,164	6,957,233	7,593,221

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Lost Pines 1	Texas	55154	2	12,207,342	3,511,906,933	0.003476	279,747	279,747
Magic Valley Generating Station	Texas	55123	CTG-1	11,007,184	3,511,906,933	0.003134	279,747	279,747
Magic Valley Generating Station	Texas	55123	CTG-2	11,701,239	3,511,906,933	0.003332	279,747	279,747
Martin Lake	Texas	6146	1	67,658,530	3,511,906,933	0.019265	279,747	279,747
Martin Lake	Texas	6146	2	65,155,936	3,511,906,933	0.018553	279,747	279,747
Martin Lake	Texas	6146	3	68,849,654	3,511,906,933	0.019605	279,747	279,747
Midlothian Energy	Texas	55091	STK1	7,290,000	3,511,906,933	0.002076	279,747	279,747
Midlothian Energy	Texas	55091	STK2	7,055,973	3,511,906,933	0.002009	279,747	279,747
Midlothian Energy	Texas	55091	STK3	6,441,563	3,511,906,933	0.001834	279,747	279,747
Midlothian Energy	Texas	55091	STK4	8,026,335	3,511,906,933	0.002285	279,747	279,747
Midlothian Energy	Texas	55091	STK5	8,749,161	3,511,906,933	0.002491	279,747	279,747
Midlothian Energy	Texas	55091	STK6	9,457,735	3,511,906,933	0.002693	279,747	279,747
Monticello	Texas	6147	1	48,380,992	3,511,906,933	0.013776	279,747	279,747
Monticello	Texas	6147	2	49,487,865	3,511,906,933	0.014091	279,747	279,747
Monticello	Texas	6147	3	68,735,456	3,511,906,933	0.019572	279,747	279,747
Moore County Station	Texas	3483	3	982,009	3,511,906,933	0.000280	279,747	279,747
Morgan Creek	Texas	3492	5	156,000	3,511,906,933	0.000044	279,747	279,747
Morgan Creek	Texas	3492	6		3,511,906,933		279,747	279,747
Morgan Creek	Texas	3492	CT1	126,150	3,511,906,933	0.000036	279,747	279,747
Morgan Creek	Texas	3492	CT2	158,200	3,511,906,933	0.000045	279,747	279,747
Morgan Creek	Texas	3492	CT3	144,849	3,511,906,933	0.000041	279,747	279,747
Morgan Creek	Texas	3492	CT4	119,358	3,511,906,933	0.000034	279,747	279,747
Morgan Creek	Texas	3492	CT5	130,994	3,511,906,933	0.000037	279,747	279,747
Morgan Creek	Texas	3492	CT6	120,356	3,511,906,933	0.000034	279,747	279,747
Mountain Creek Generating Station	Texas	3453	6	474,872	3,511,906,933	0.000135	279,747	279,747
Mountain Creek Generating Station	Texas	3453	7	476,718	3,511,906,933	0.000136	279,747	279,747
Mountain Creek Generating Station	Texas	3453	8	6,542,759	3,511,906,933	0.001863	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Lost Pines 1	Texas	55154	2	132,193	132,193	972	972	460	460
Magic Valley Generating Station	Texas	55123	CTG-1	132,193	132,193	877	877	414	414
Magic Valley Generating Station	Texas	55123	CTG-2	132,193	132,193	932	932	440	440
Martin Lake	Texas	6146	1	132,193	132,193	5,389	5,389	2,547	2,547
Martin Lake	Texas	6146	2	132,193	132,193	5,190	5,190	2,453	2,453
Martin Lake	Texas	6146	3	132,193	132,193	5,484	5,484	2,592	2,592
Midlothian Energy	Texas	55091	STK1	132,193	132,193	581	581	274	274
Midlothian Energy	Texas	55091	STK2	132,193	132,193	562	562	266	266
Midlothian Energy	Texas	55091	STK3	132,193	132,193	513	513	242	242
Midlothian Energy	Texas	55091	STK4	132,193	132,193	639	639	302	302
Midlothian Energy	Texas	55091	STK5	132,193	132,193	697	697	329	329
Midlothian Energy	Texas	55091	STK6	132,193	132,193	753	753	356	356
Monticello	Texas	6147	1	132,193	132,193	3,854	3,854	1,821	1,821
Monticello	Texas	6147	2	132,193	132,193	3,942	3,942	1,863	1,863
Monticello	Texas	6147	3	132,193	132,193	5,475	5,475	2,587	2,587
Moore County Station	Texas	3483	3	132,193	132,193	78	78	37	37
Morgan Creek	Texas	3492	5	132,193	132,193	12	12	6	6
Morgan Creek	Texas	3492	6	132,193	132,193				
Morgan Creek	Texas	3492	CT1	132,193	132,193	10	10	5	5
Morgan Creek	Texas	3492	CT2	132,193	132,193	13	13	6	6
Morgan Creek	Texas	3492	CT3	132,193	132,193	12	12	5	5
Morgan Creek	Texas	3492	CT4	132,193	132,193	10	10	4	4
Morgan Creek	Texas	3492	CT5	132,193	132,193	10	10	5	5
Morgan Creek	Texas	3492	CT6	132,193	132,193	10	10	5	5
Mountain Creek Generating Station	Texas	3453	6	132,193	132,193	38	38	18	18
Mountain Creek Generating Station	Texas	3453	7	132,193	132,193	38	38	18	18
Mountain Creek Generating Station	Texas	3453	8	132,193	132,193	521	521	246	246

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Lost Pines 1	Texas	55154	2	3	3	3	4	3
Magic Valley Generating Station	Texas	55123	CTG-1	3	3	3	2	3
Magic Valley Generating Station	Texas	55123	CTG-2	3	3	3	2	3
Martin Lake	Texas	6146	1	24,178	24,743	29,560	25,653	30,542
Martin Lake	Texas	6146	2	21,183	11,986	23,753	23,738	18,926
Martin Lake	Texas	6146	3	30,495	19,748	23,318	28,028	29,570
Midlothian Energy	Texas	55091	STK1	1	1	2	3	2
Midlothian Energy	Texas	55091	STK2	2	1	2	3	2
Midlothian Energy	Texas	55091	STK3	1	1	2	2	2
Midlothian Energy	Texas	55091	STK4	1	2	3	3	2
Midlothian Energy	Texas	55091	STK5	2	1	2	2	3
Midlothian Energy	Texas	55091	STK6	2	1	3	3	3
Monticello	Texas	6147	1	30,515	27,275	26,706	29,434	27,618
Monticello	Texas	6147	2	29,906	28,674	29,580	27,305	28,573
Monticello	Texas	6147	3	22,020	19,703	23,413	20,799	18,160
Moore County Station	Texas	3483	3	0	0	0	0	0
Morgan Creek	Texas	3492	5	0	5	0	0	0
Morgan Creek	Texas	3492	6	5	0			
Morgan Creek	Texas	3492	CT1					
Morgan Creek	Texas	3492	CT2					
Morgan Creek	Texas	3492	CT3					
Morgan Creek	Texas	3492	CT4					
Morgan Creek	Texas	3492	CT5					
Morgan Creek	Texas	3492	CT6					
Mountain Creek Generating Station	Texas	3453	6	8	0	0	0	0
Mountain Creek Generating Station	Texas	3453	7	0	2	0	0	0
Mountain Creek Generating Station	Texas	3453	8	2	1	2	2	2

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Lost Pines 1	Texas	55154	2	4	4	3	4		
Magic Valley Generating Station	Texas	55123	CTG-1	3	3	3	3		
Magic Valley Generating Station	Texas	55123	CTG-2	4	3	3	4		
Martin Lake	Texas	6146	1	30,958	23,922	25,966	30,958		
Martin Lake	Texas	6146	2	24,366	26,284	20,822	26,284		
Martin Lake	Texas	6146	3	23,389	21,636	27,745	30,495		
Midlothian Energy	Texas	55091	STK1	2	1	1	3		
Midlothian Energy	Texas	55091	STK2	2	1	1	3		
Midlothian Energy	Texas	55091	STK3	2	2	1	2		
Midlothian Energy	Texas	55091	STK4	2	1	1	3		
Midlothian Energy	Texas	55091	STK5	2	2	2	3		
Midlothian Energy	Texas	55091	STK6	3	2	1	3		
Monticello	Texas	6147	1	26,450	20,509	19,160	30,515		
Monticello	Texas	6147	2	27,999	20,930	19,872	29,906		
Monticello	Texas	6147	3	14,129	16,826	18,764	23,413		
Moore County Station	Texas	3483	3	0	0	0	0		
Morgan Creek	Texas	3492	5				5		
Morgan Creek	Texas	3492	6				5		
Morgan Creek	Texas	3492	CT1	0	0	1	1		
Morgan Creek	Texas	3492	CT2	0	0	1	1		
Morgan Creek	Texas	3492	CT3	0	0	1	1		
Morgan Creek	Texas	3492	CT4	0	0	1	1		
Morgan Creek	Texas	3492	CT5	0	0	1	1		
Morgan Creek	Texas	3492	CT6	0	0	1	1		
Mountain Creek Generating Station	Texas	3453	6	0	0	0	8		
Mountain Creek Generating Station	Texas	3453	7	0	0	0	2		
Mountain Creek Generating Station	Texas	3453	8	1	2	2	2		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Lost Pines 1	Texas	55154	2					92	99
Magic Valley Generating Station	Texas	55123	CTG-1					137	169
Magic Valley Generating Station	Texas	55123	CTG-2					144	131
Martin Lake	Texas	6146	1					4,960	5,517
Martin Lake	Texas	6146	2					5,161	4,785
Martin Lake	Texas	6146	3					5,002	5,302
Midlothian Energy	Texas	55091	STK1					32	24
Midlothian Energy	Texas	55091	STK2					46	32
Midlothian Energy	Texas	55091	STK3					26	27
Midlothian Energy	Texas	55091	STK4					41	32
Midlothian Energy	Texas	55091	STK5					20	21
Midlothian Energy	Texas	55091	STK6					22	22
Monticello	Texas	6147	1					3,661	3,556
Monticello	Texas	6147	2					4,023	3,660
Monticello	Texas	6147	3					5,764	5,633
Moore County Station	Texas	3483	3					30	28
Morgan Creek	Texas	3492	5					207	72
Morgan Creek	Texas	3492	6					791	46
Morgan Creek	Texas	3492	CT1						
Morgan Creek	Texas	3492	CT2						
Morgan Creek	Texas	3492	CT3						
Morgan Creek	Texas	3492	CT4						
Morgan Creek	Texas	3492	CT5						
Morgan Creek	Texas	3492	CT6						
Mountain Creek Generating Station	Texas	3453	6					91	25
Mountain Creek Generating Station	Texas	3453	7					123	45
Mountain Creek Generating Station	Texas	3453	8					48	28

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Lost Pines 1	Texas	55154	2	98	104	99	106	99
Magic Valley Generating Station	Texas	55123	CTG-1	164	95	172	184	171
Magic Valley Generating Station	Texas	55123	CTG-2	172	91	152	200	183
Martin Lake	Texas	6146	1	5,586	4,835	5,660	5,468	5,381
Martin Lake	Texas	6146	2	5,540	5,510	5,098	5,434	5,082
Martin Lake	Texas	6146	3	5,072	5,263	5,163	4,900	5,239
Midlothian Energy	Texas	55091	STK1	50	54	39	31	26
Midlothian Energy	Texas	55091	STK2	43	52	38	38	27
Midlothian Energy	Texas	55091	STK3	44	39	45	33	30
Midlothian Energy	Texas	55091	STK4	52	54	49	42	29
Midlothian Energy	Texas	55091	STK5	46	60	71	54	41
Midlothian Energy	Texas	55091	STK6	58	66	71	60	40
Monticello	Texas	6147	1	3,468	3,582	3,573	3,518	3,200
Monticello	Texas	6147	2	3,732	3,601	3,889	3,705	3,360
Monticello	Texas	6147	3	6,936	7,199	7,105	5,658	5,379
Moore County Station	Texas	3483	3	48	40	119	85	41
Morgan Creek	Texas	3492	5	5	31	9		
Morgan Creek	Texas	3492	6					
Morgan Creek	Texas	3492	CT1				23	11
Morgan Creek	Texas	3492	CT2				21	13
Morgan Creek	Texas	3492	CT3				22	11
Morgan Creek	Texas	3492	CT4				15	8
Morgan Creek	Texas	3492	CT5				20	11
Morgan Creek	Texas	3492	CT6				19	10
Mountain Creek Generating Station	Texas	3453	6	23	24	5	6	22
Mountain Creek Generating Station	Texas	3453	7	64	58	15	19	40
Mountain Creek Generating Station	Texas	3453	8	34	27	18	13	60

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Lost Pines 1	Texas	55154	2	94	106				
Magic Valley Generating Station	Texas	55123	CTG-1	152	184				
Magic Valley Generating Station	Texas	55123	CTG-2	191	200				
Martin Lake	Texas	6146	1	5,654	5,660				
Martin Lake	Texas	6146	2	4,596	5,540				
Martin Lake	Texas	6146	3	5,819	5,819				
Midlothian Energy	Texas	55091	STK1	25	54				
Midlothian Energy	Texas	55091	STK2	25	52				
Midlothian Energy	Texas	55091	STK3	13	45				
Midlothian Energy	Texas	55091	STK4	28	54				
Midlothian Energy	Texas	55091	STK5	44	71				
Midlothian Energy	Texas	55091	STK6	27	71				
Monticello	Texas	6147	1	2,608	3,661				
Monticello	Texas	6147	2	2,812	4,023				
Monticello	Texas	6147	3	5,081	7,199				
Moore County Station	Texas	3483	3	40	119				
Morgan Creek	Texas	3492	5		207				
Morgan Creek	Texas	3492	6		791				
Morgan Creek	Texas	3492	CT1	22	23				
Morgan Creek	Texas	3492	CT2	35	35				
Morgan Creek	Texas	3492	CT3	31	31				
Morgan Creek	Texas	3492	CT4	29	29				
Morgan Creek	Texas	3492	CT5	27	27				
Morgan Creek	Texas	3492	CT6	24	24				
Mountain Creek Generating Station	Texas	3453	6	13	91				
Mountain Creek Generating Station	Texas	3453	7	29	123				
Mountain Creek Generating Station	Texas	3453	8	42	60				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Lost Pines 1	Texas	55154	2				
Magic Valley Generating Station	Texas	55123	CTG-1				
Magic Valley Generating Station	Texas	55123	CTG-2				
Martin Lake	Texas	6146	1				
Martin Lake	Texas	6146	2				
Martin Lake	Texas	6146	3				
Midlothian Energy	Texas	55091	STK1				
Midlothian Energy	Texas	55091	STK2				
Midlothian Energy	Texas	55091	STK3				
Midlothian Energy	Texas	55091	STK4				
Midlothian Energy	Texas	55091	STK5				
Midlothian Energy	Texas	55091	STK6				
Monticello	Texas	6147	1				
Monticello	Texas	6147	2				
Monticello	Texas	6147	3				
Moore County Station	Texas	3483	3				
Morgan Creek	Texas	3492	5				
Morgan Creek	Texas	3492	6				
Morgan Creek	Texas	3492	CT1				
Morgan Creek	Texas	3492	CT2				
Morgan Creek	Texas	3492	CT3				
Morgan Creek	Texas	3492	CT4				
Morgan Creek	Texas	3492	CT5				
Morgan Creek	Texas	3492	CT6				
Mountain Creek Generating Station	Texas	3453	6				
Mountain Creek Generating Station	Texas	3453	7				
Mountain Creek Generating Station	Texas	3453	8				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Lost Pines 1	Texas	55154	2				
Magic Valley Generating Station	Texas	55123	CTG-1				
Magic Valley Generating Station	Texas	55123	CTG-2				
Martin Lake	Texas	6146	1				
Martin Lake	Texas	6146	2				
Martin Lake	Texas	6146	3				
Midlothian Energy	Texas	55091	STK1				
Midlothian Energy	Texas	55091	STK2				
Midlothian Energy	Texas	55091	STK3				
Midlothian Energy	Texas	55091	STK4				
Midlothian Energy	Texas	55091	STK5				
Midlothian Energy	Texas	55091	STK6				
Monticello	Texas	6147	1				
Monticello	Texas	6147	2				
Monticello	Texas	6147	3				
Moore County Station	Texas	3483	3				
Morgan Creek	Texas	3492	5				
Morgan Creek	Texas	3492	6				
Morgan Creek	Texas	3492	CT1				
Morgan Creek	Texas	3492	CT2				
Morgan Creek	Texas	3492	CT3				
Morgan Creek	Texas	3492	CT4				
Morgan Creek	Texas	3492	CT5				
Morgan Creek	Texas	3492	CT6				
Mountain Creek Generating Station	Texas	3453	6				
Mountain Creek Generating Station	Texas	3453	7				
Mountain Creek Generating Station	Texas	3453	8				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Lost Pines 1	Texas	55154	2	106	106	106	106
Magic Valley Generating Station	Texas	55123	CTG-1	184	184	184	184
Magic Valley Generating Station	Texas	55123	CTG-2	200	200	200	200
Martin Lake	Texas	6146	1	3,576	3,576	3,576	3,576
Martin Lake	Texas	6146	2	3,444	3,444	3,444	3,444
Martin Lake	Texas	6146	3	3,639	3,639	3,639	3,639
Midlothian Energy	Texas	55091	STK1	54	54	54	54
Midlothian Energy	Texas	55091	STK2	52	52	52	52
Midlothian Energy	Texas	55091	STK3	45	45	45	45
Midlothian Energy	Texas	55091	STK4	54	54	54	54
Midlothian Energy	Texas	55091	STK5	71	71	71	71
Midlothian Energy	Texas	55091	STK6	71	71	71	71
Monticello	Texas	6147	1	2,557	2,557	2,557	2,557
Monticello	Texas	6147	2	2,616	2,616	2,616	2,616
Monticello	Texas	6147	3	3,633	3,633	3,633	3,633
Moore County Station	Texas	3483	3	52	52	52	52
Morgan Creek	Texas	3492	5	8	8	8	8
Morgan Creek	Texas	3492	6	0	0	0	0
Morgan Creek	Texas	3492	CT1	7	7	7	7
Morgan Creek	Texas	3492	CT2	8	8	8	8
Morgan Creek	Texas	3492	CT3	8	8	8	8
Morgan Creek	Texas	3492	CT4	6	6	6	6
Morgan Creek	Texas	3492	CT5	7	7	7	7
Morgan Creek	Texas	3492	CT6	6	6	6	6
Mountain Creek Generating Station	Texas	3453	6	25	25	25	25
Mountain Creek Generating Station	Texas	3453	7	25	25	25	25
Mountain Creek Generating Station	Texas	3453	8	60	60	60	60

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation								
Lost Pines 1	Texas	55154	2	106	106	5,878,687	4,812,825	5,499,527
Magic Valley Generating Station	Texas	55123	CTG-1	184	184	4,999,367	6,405,296	6,218,454
Magic Valley Generating Station	Texas	55123	CTG-2	200	200	4,838,836	6,314,590	6,862,878
Martin Lake	Texas	6146	1	3,576	3,576	30,035,124	28,434,061	27,594,004
Martin Lake	Texas	6146	2	3,444	3,444	30,033,447	31,476,519	30,525,859
Martin Lake	Texas	6146	3	3,639	3,639	28,635,490	30,924,779	30,059,604
Midlothian Energy	Texas	55091	STK1	54	54	5,017,819	4,323,640	4,422,930
Midlothian Energy	Texas	55091	STK2	52	52	4,979,788	4,374,857	4,369,175
Midlothian Energy	Texas	55091	STK3	45	45	4,656,725	4,481,742	4,315,555
Midlothian Energy	Texas	55091	STK4	54	54	4,909,384	4,685,647	4,501,793
Midlothian Energy	Texas	55091	STK5	71	71	5,703,138	5,448,327	5,014,346
Midlothian Energy	Texas	55091	STK6	71	71	5,477,021	5,583,074	4,990,521
Monticello	Texas	6147	1	2,557	2,557	20,125,452	19,415,857	20,234,793
Monticello	Texas	6147	2	2,616	2,616	16,248,343	21,501,136	20,992,897
Monticello	Texas	6147	3	3,633	3,633	31,293,419	28,672,686	22,963,880
Moore County Station	Texas	3483	3	52	52	569,151	1,103,438	765,110
Morgan Creek	Texas	3492	5	8	8	233,870	77,332	
Morgan Creek	Texas	3492	6	0	0			
Morgan Creek	Texas	3492	CT1	7	7			59,945
Morgan Creek	Texas	3492	CT2	8	8			61,148
Morgan Creek	Texas	3492	CT3	8	8			61,014
Morgan Creek	Texas	3492	CT4	6	6			45,720
Morgan Creek	Texas	3492	CT5	7	7			61,723
Morgan Creek	Texas	3492	CT6	6	6			56,156
Mountain Creek Generating Station	Texas	3453	6	25	25	508,156	131,201	116,882
Mountain Creek Generating Station	Texas	3453	7	25	25	584,327	144,869	210,314
Mountain Creek Generating Station	Texas	3453	8	60	60	4,537,140	3,029,354	1,431,798

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Lost Pines 1	Texas	55154	2	5,599,901	5,340,668	5,659,372	1,726,255,329	0.003278
Magic Valley Generating Station	Texas	55123	CTG-1	5,333,263	3,954,349	5,985,671	1,726,255,329	0.003467
Magic Valley Generating Station	Texas	55123	CTG-2	6,861,596	6,862,193	6,862,222	1,726,255,329	0.003975
Martin Lake	Texas	6146	1	29,274,319	28,137,768	29,247,834	1,726,255,329	0.016943
Martin Lake	Texas	6146	2	27,373,818	23,524,273	30,678,608	1,726,255,329	0.017772
Martin Lake	Texas	6146	3	29,320,013	29,033,895	30,101,465	1,726,255,329	0.017437
Midlothian Energy	Texas	55091	STK1	3,277,894	4,081,126	4,588,130	1,726,255,329	0.002658
Midlothian Energy	Texas	55091	STK2	3,702,601	3,441,611	4,574,607	1,726,255,329	0.002650
Midlothian Energy	Texas	55091	STK3	4,378,547	1,938,915	4,505,671	1,726,255,329	0.002610
Midlothian Energy	Texas	55091	STK4	3,814,158	3,532,907	4,698,942	1,726,255,329	0.002722
Midlothian Energy	Texas	55091	STK5	3,672,202	4,530,917	5,388,604	1,726,255,329	0.003122
Midlothian Energy	Texas	55091	STK6	3,840,175	3,024,692	5,350,205	1,726,255,329	0.003099
Monticello	Texas	6147	1	18,991,882	17,196,362	19,925,367	1,726,255,329	0.011543
Monticello	Texas	6147	2	18,842,887	17,526,767	20,445,640	1,726,255,329	0.011844
Monticello	Texas	6147	3	27,434,066	23,203,909	29,133,390	1,726,255,329	0.016877
Moore County Station	Texas	3483	3	686,001	719,355	862,634	1,726,255,329	0.000500
Morgan Creek	Texas	3492	5			155,601	1,726,255,329	0.000090
Morgan Creek	Texas	3492	6				1,726,255,329	
Morgan Creek	Texas	3492	CT1	27,609	63,692	50,415	1,726,255,329	0.000029
Morgan Creek	Texas	3492	CT2	29,715	55,356	48,740	1,726,255,329	0.000028
Morgan Creek	Texas	3492	CT3	28,483	74,573	54,690	1,726,255,329	0.000032
Morgan Creek	Texas	3492	CT4	24,780	57,201	42,567	1,726,255,329	0.000025
Morgan Creek	Texas	3492	CT5	31,535	53,914	49,057	1,726,255,329	0.000028
Morgan Creek	Texas	3492	CT6	37,268	66,880	53,434	1,726,255,329	0.000031
Mountain Creek Generating Station	Texas	3453	6	450,332	313,951	424,146	1,726,255,329	0.000246
Mountain Creek Generating Station	Texas	3453	7	402,914	295,432	427,558	1,726,255,329	0.000248
Mountain Creek Generating Station	Texas	3453	8	5,378,537	6,344,653	5,420,110	1,726,255,329	0.003140

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Lost Pines 1	Texas	55154	2	62,938	62,938	206	206	46	45
Magic Valley Generating Station	Texas	55123	CTG-1	62,938	62,938	218	218	58	87
Magic Valley Generating Station	Texas	55123	CTG-2	62,938	62,938	250	250	56	80
Martin Lake	Texas	6146	1	62,938	62,938	1,066	1,066	2,234	2,444
Martin Lake	Texas	6146	2	62,938	62,938	1,119	1,119	2,334	2,441
Martin Lake	Texas	6146	3	62,938	62,938	1,097	1,097	2,236	2,409
Midlothian Energy	Texas	55091	STK1	62,938	62,938	167	167	25	16
Midlothian Energy	Texas	55091	STK2	62,938	62,938	167	167	24	22
Midlothian Energy	Texas	55091	STK3	62,938	62,938	164	164	14	22
Midlothian Energy	Texas	55091	STK4	62,938	62,938	171	171	24	19
Midlothian Energy	Texas	55091	STK5	62,938	62,938	196	196	10	14
Midlothian Energy	Texas	55091	STK6	62,938	62,938	195	195	10	19
Monticello	Texas	6147	1	62,938	62,938	726	726	1,648	1,555
Monticello	Texas	6147	2	62,938	62,938	745	745	1,332	1,621
Monticello	Texas	6147	3	62,938	62,938	1,062	1,062	2,608	2,175
Moore County Station	Texas	3483	3	62,938	62,938	31	31	30	28
Morgan Creek	Texas	3492	5	62,938	62,938	6	6	115	37
Morgan Creek	Texas	3492	6	62,938	62,938			359	46
Morgan Creek	Texas	3492	CT1	62,938	62,938	2	2		
Morgan Creek	Texas	3492	CT2	62,938	62,938	2	2		
Morgan Creek	Texas	3492	CT3	62,938	62,938	2	2		
Morgan Creek	Texas	3492	CT4	62,938	62,938	2	2		
Morgan Creek	Texas	3492	CT5	62,938	62,938	2	2		
Morgan Creek	Texas	3492	CT6	62,938	62,938	2	2		
Mountain Creek Generating Station	Texas	3453	6	62,938	62,938	15	15	70	18
Mountain Creek Generating Station	Texas	3453	7	62,938	62,938	16	16	82	37
Mountain Creek Generating Station	Texas	3453	8	62,938	62,938	198	198	39	19

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Lost Pines 1	Texas	55154	2	46	50	41	46	47	45
Magic Valley Generating Station	Texas	55123	CTG-1	95	81	94	101	87	65
Magic Valley Generating Station	Texas	55123	CTG-2	95	74	94	111	110	113
Martin Lake	Texas	6146	1	2,268	2,393	2,439	2,211	2,753	2,336
Martin Lake	Texas	6146	2	2,289	2,652	2,588	2,431	2,209	2,064
Martin Lake	Texas	6146	3	2,411	2,179	2,358	2,574	2,625	2,482
Midlothian Energy	Texas	55091	STK1	27	28	25	23	20	23
Midlothian Energy	Texas	55091	STK2	26	28	26	25	22	22
Midlothian Energy	Texas	55091	STK3	26	28	25	23	25	11
Midlothian Energy	Texas	55091	STK4	28	28	27	26	23	22
Midlothian Energy	Texas	55091	STK5	30	38	35	34	27	31
Midlothian Energy	Texas	55091	STK6	31	36	36	33	28	25
Monticello	Texas	6147	1	1,392	1,447	1,449	1,513	1,265	1,111
Monticello	Texas	6147	2	1,604	1,259	1,671	1,559	1,318	1,133
Monticello	Texas	6147	3	2,907	3,060	2,973	2,111	2,099	2,062
Moore County Station	Texas	3483	3	48	40	119	53	41	40
Morgan Creek	Texas	3492	5	2	31	9			
Morgan Creek	Texas	3492	6						
Morgan Creek	Texas	3492	CT1				9	4	9
Morgan Creek	Texas	3492	CT2				9	4	8
Morgan Creek	Texas	3492	CT3				9	4	11
Morgan Creek	Texas	3492	CT4				7	4	8
Morgan Creek	Texas	3492	CT5				9	5	8
Morgan Creek	Texas	3492	CT6				8	5	10
Mountain Creek Generating Station	Texas	3453	6	20	21	3	4	20	13
Mountain Creek Generating Station	Texas	3453	7	38	51	10	14	35	28
Mountain Creek Generating Station	Texas	3453	8	30	24	12	8	51	37

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Lost Pines 1	Texas	55154	2	50					
Magic Valley Generating Station	Texas	55123	CTG-1	101					
Magic Valley Generating Station	Texas	55123	CTG-2	113					
Martin Lake	Texas	6146	1	2,753					
Martin Lake	Texas	6146	2	2,652					
Martin Lake	Texas	6146	3	2,625					
Midlothian Energy	Texas	55091	STK1	28					
Midlothian Energy	Texas	55091	STK2	28					
Midlothian Energy	Texas	55091	STK3	28					
Midlothian Energy	Texas	55091	STK4	28					
Midlothian Energy	Texas	55091	STK5	38					
Midlothian Energy	Texas	55091	STK6	36					
Monticello	Texas	6147	1	1,648					
Monticello	Texas	6147	2	1,671					
Monticello	Texas	6147	3	3,060					
Moore County Station	Texas	3483	3	119					
Morgan Creek	Texas	3492	5	115					
Morgan Creek	Texas	3492	6	359					
Morgan Creek	Texas	3492	CT1	9					
Morgan Creek	Texas	3492	CT2	9					
Morgan Creek	Texas	3492	CT3	11					
Morgan Creek	Texas	3492	CT4	8					
Morgan Creek	Texas	3492	CT5	9					
Morgan Creek	Texas	3492	CT6	10					
Mountain Creek Generating Station	Texas	3453	6	70					
Mountain Creek Generating Station	Texas	3453	7	82					
Mountain Creek Generating Station	Texas	3453	8	51					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Lost Pines 1	Texas	55154	2			50	50
Magic Valley Generating Station	Texas	55123	CTG-1			101	101
Magic Valley Generating Station	Texas	55123	CTG-2			113	113
Martin Lake	Texas	6146	1			1,552	1,552
Martin Lake	Texas	6146	2			1,627	1,627
Martin Lake	Texas	6146	3			1,597	1,597
Midlothian Energy	Texas	55091	STK1			28	28
Midlothian Energy	Texas	55091	STK2			28	28
Midlothian Energy	Texas	55091	STK3			28	28
Midlothian Energy	Texas	55091	STK4			28	28
Midlothian Energy	Texas	55091	STK5			38	38
Midlothian Energy	Texas	55091	STK6			36	36
Monticello	Texas	6147	1			1,057	1,057
Monticello	Texas	6147	2			1,085	1,085
Monticello	Texas	6147	3			1,545	1,545
Moore County Station	Texas	3483	3			46	46
Morgan Creek	Texas	3492	5			8	8
Morgan Creek	Texas	3492	6			0	0
Morgan Creek	Texas	3492	CT1			3	3
Morgan Creek	Texas	3492	CT2			3	3
Morgan Creek	Texas	3492	CT3			3	3
Morgan Creek	Texas	3492	CT4			2	2
Morgan Creek	Texas	3492	CT5			3	3
Morgan Creek	Texas	3492	CT6			3	3
Mountain Creek Generating Station	Texas	3453	6			23	23
Mountain Creek Generating Station	Texas	3453	7			23	23
Mountain Creek Generating Station	Texas	3453	8			51	51

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Lost Pines 1	Texas	55154	2	50	50	50	50
Magic Valley Generating Station	Texas	55123	CTG-1	101	101	101	101
Magic Valley Generating Station	Texas	55123	CTG-2	113	113	113	113
Martin Lake	Texas	6146	1	1,552	1,552	1,552	1,552
Martin Lake	Texas	6146	2	1,627	1,627	1,627	1,627
Martin Lake	Texas	6146	3	1,597	1,597	1,597	1,597
Midlothian Energy	Texas	55091	STK1	28	28	28	28
Midlothian Energy	Texas	55091	STK2	28	28	28	28
Midlothian Energy	Texas	55091	STK3	28	28	28	28
Midlothian Energy	Texas	55091	STK4	28	28	28	28
Midlothian Energy	Texas	55091	STK5	38	38	38	38
Midlothian Energy	Texas	55091	STK6	36	36	36	36
Monticello	Texas	6147	1	1,057	1,057	1,057	1,057
Monticello	Texas	6147	2	1,085	1,085	1,085	1,085
Monticello	Texas	6147	3	1,545	1,545	1,545	1,545
Moore County Station	Texas	3483	3	46	46	46	46
Morgan Creek	Texas	3492	5	8	8	8	8
Morgan Creek	Texas	3492	6	0	0	0	0
Morgan Creek	Texas	3492	CT1	3	3	3	3
Morgan Creek	Texas	3492	CT2	3	3	3	3
Morgan Creek	Texas	3492	CT3	3	3	3	3
Morgan Creek	Texas	3492	CT4	2	2	2	2
Morgan Creek	Texas	3492	CT5	3	3	3	3
Morgan Creek	Texas	3492	CT6	3	3	3	3
Mountain Creek Generating Station	Texas	3453	6	23	23	23	23
Mountain Creek Generating Station	Texas	3453	7	23	23	23	23
Mountain Creek Generating Station	Texas	3453	8	51	51	51	51

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Lost Pines 1	Texas	55154	2	Y		Y	Y		
Magic Valley Generating Station	Texas	55123	CTG-1	Y		Y	Y		
Magic Valley Generating Station	Texas	55123	CTG-2	Y		Y	Y		
Martin Lake	Texas	6146	1	Y		Y	Y		
Martin Lake	Texas	6146	2	Y		Y	Y		
Martin Lake	Texas	6146	3	Y		Y	Y		
Midlothian Energy	Texas	55091	STK1	Y		Y	Y		
Midlothian Energy	Texas	55091	STK2	Y		Y	Y		
Midlothian Energy	Texas	55091	STK3	Y		Y	Y		
Midlothian Energy	Texas	55091	STK4	Y		Y	Y		
Midlothian Energy	Texas	55091	STK5	Y		Y	Y		
Midlothian Energy	Texas	55091	STK6	Y		Y	Y		
Monticello	Texas	6147	1	Y		Y	Y		
Monticello	Texas	6147	2	Y		Y	Y		
Monticello	Texas	6147	3	Y		Y	Y		
Moore County Station	Texas	3483	3	Y		Y	Y		
Morgan Creek	Texas	3492	5	Y		Y	Y		
Morgan Creek	Texas	3492	6	Y		Y	Y		
Morgan Creek	Texas	3492	CT1	Y		Y	Y		
Morgan Creek	Texas	3492	CT2	Y		Y	Y		
Morgan Creek	Texas	3492	CT3	Y		Y	Y		
Morgan Creek	Texas	3492	CT4	Y		Y	Y		
Morgan Creek	Texas	3492	CT5	Y		Y	Y		
Morgan Creek	Texas	3492	CT6	Y		Y	Y		
Mountain Creek Generating Station	Texas	3453	6	Y		Y	Y		
Mountain Creek Generating Station	Texas	3453	7	Y		Y	Y		
Mountain Creek Generating Station	Texas	3453	8	Y		Y	Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Mustang Station	Texas	55065	1	3851	9,478,102	9,199,518	10,849,149	10,102,622	7,829,178
Mustang Station	Texas	55065	2	3852	9,203,179	9,687,938	9,350,261	8,976,205	7,712,171
Mustang Station Units 4 and 5	Texas	56326	GEN1	89654	943,297	1,415,712	1,252,400	646,362	675,635
Mustang Station Units 4 and 5	Texas	56326	GEN2	89751		447,361	1,237,002	132,795	196,969
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1		4,327,172	3,013,296	3,500,115	3,238,580	
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2		4,327,172	3,013,296	3,500,115	3,238,580	
New Gulf Power Facility	Texas	50137	1	3640	200,789	151,751	188,163	284,291	88,595
Newman	Texas	3456	**4	2327	4,891,936	5,527,432	5,367,790	3,856,732	5,820,347
Newman	Texas	3456	**5	2328	4,125,977	5,777,709	4,943,435	5,309,663	4,757,333
Newman	Texas	3456	1	2329	1,530,701	2,932,155	3,170,826	3,118,460	3,025,230
Newman	Texas	3456	2	2330	3,436,304	3,771,764	4,131,402	3,302,781	3,188,446
Newman	Texas	3456	3	2331	4,329,845	3,936,864	2,929,953	3,981,617	4,821,631
Newman	Texas	3456	GT-6A	4579				521,944	681,648
Newman	Texas	3456	GT-6B	4580				543,151	675,611
Nichols Station	Texas	3484	141B	2398	2,468,186	3,151,216	2,603,029	2,377,066	2,688,495
Nichols Station	Texas	3484	142B	2399	4,137,007	3,841,615	2,816,920	2,989,500	3,051,047
Nichols Station	Texas	3484	143B	2400	6,913,176	7,293,533	6,936,818	4,845,062	4,808,547
Nueces Bay	Texas	3441	8	90242					8,108,629
Nueces Bay	Texas	3441	9	90243					8,083,556
O W Sommers	Texas	3611	1	2479	9,117,829	9,286,122	10,974,971	7,554,094	5,509,484
O W Sommers	Texas	3611	2	2480	6,646,858	7,699,369	6,188,131	8,432,358	3,942,439
Oak Grove	Texas	6180	1	2830				2,194,464	56,207,892
Odessa-Ector Generating Station	Texas	55215	GT1	4149	9,954,675	8,519,136	5,548,577	6,452,952	6,475,313
Odessa-Ector Generating Station	Texas	55215	GT2	4150	9,015,720	7,675,126	5,058,513	6,027,011	5,839,246
Odessa-Ector Generating Station	Texas	55215	GT3	4151	9,298,874	8,108,310	5,851,608	5,365,894	5,794,720
Odessa-Ector Generating Station	Texas	55215	GT4	4152	9,578,758	8,793,654	6,671,163	6,560,960	5,859,493
Oklunion Power Station	Texas	127	1	81	43,459,153	44,506,124	42,126,812	31,434,779	38,922,526

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Mustang Station	Texas	55065	1	10,143,291	3,511,906,933	0.002888	279,747	279,747
Mustang Station	Texas	55065	2	9,413,793	3,511,906,933	0.002681	279,747	279,747
Mustang Station Units 4 and 5	Texas	56326	GEN1	1,203,803	3,511,906,933	0.000343	279,747	279,747
Mustang Station Units 4 and 5	Texas	56326	GEN2	627,111	3,511,906,933	0.000179	279,747	279,747
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	3,688,622	3,511,906,933	0.001050	279,747	279,747
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	3,688,622	3,511,906,933	0.001050	279,747	279,747
New Gulf Power Facility	Texas	50137	1	224,414	3,511,906,933	0.000064	279,747	279,747
Newman	Texas	3456	**4	5,571,856	3,511,906,933	0.001587	279,747	279,747
Newman	Texas	3456	**5	5,343,602	3,511,906,933	0.001522	279,747	279,747
Newman	Texas	3456	1	3,104,838	3,511,906,933	0.000884	279,747	279,747
Newman	Texas	3456	2	3,779,823	3,511,906,933	0.001076	279,747	279,747
Newman	Texas	3456	3	4,377,698	3,511,906,933	0.001247	279,747	279,747
Newman	Texas	3456	GT-6A	601,796	3,511,906,933	0.000171	279,747	279,747
Newman	Texas	3456	GT-6B	609,381	3,511,906,933	0.000174	279,747	279,747
Nichols Station	Texas	3484	141B	2,814,247	3,511,906,933	0.000801	279,747	279,747
Nichols Station	Texas	3484	142B	3,676,556	3,511,906,933	0.001047	279,747	279,747
Nichols Station	Texas	3484	143B	7,047,842	3,511,906,933	0.002007	279,747	279,747
Nueces Bay	Texas	3441	8	8,108,629	3,511,906,933	0.002309	279,747	279,747
Nueces Bay	Texas	3441	9	8,083,556	3,511,906,933	0.002302	279,747	279,747
O W Sommers	Texas	3611	1	9,792,974	3,511,906,933	0.002789	279,747	279,747
O W Sommers	Texas	3611	2	7,592,862	3,511,906,933	0.002162	279,747	279,747
Oak Grove	Texas	6180	1	29,201,178	3,511,906,933	0.008315	279,747	279,747
Odessa-Ector Generating Station	Texas	55215	GT1	8,316,375	3,511,906,933	0.002368	279,747	279,747
Odessa-Ector Generating Station	Texas	55215	GT2	7,572,619	3,511,906,933	0.002156	279,747	279,747
Odessa-Ector Generating Station	Texas	55215	GT3	7,752,931	3,511,906,933	0.002208	279,747	279,747
Odessa-Ector Generating Station	Texas	55215	GT4	8,347,858	3,511,906,933	0.002377	279,747	279,747
Oklunion Power Station	Texas	127	1	43,364,030	3,511,906,933	0.012348	279,747	279,747

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Mustang Station	Texas	55065	1	132,193	132,193	808	808	382	382
Mustang Station	Texas	55065	2	132,193	132,193	750	750	354	354
Mustang Station Units 4 and 5	Texas	56326	GEN1	132,193	132,193	96	96	45	45
Mustang Station Units 4 and 5	Texas	56326	GEN2	132,193	132,193	50	50	24	24
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	132,193	132,193	294	294	139	139
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	132,193	132,193	294	294	139	139
New Gulf Power Facility	Texas	50137	1	132,193	132,193	18	18	8	8
Newman	Texas	3456	**4	132,193	132,193	444	444	210	210
Newman	Texas	3456	**5	132,193	132,193	426	426	201	201
Newman	Texas	3456	1	132,193	132,193	247	247	117	117
Newman	Texas	3456	2	132,193	132,193	301	301	142	142
Newman	Texas	3456	3	132,193	132,193	349	349	165	165
Newman	Texas	3456	GT-6A	132,193	132,193	48	48	23	23
Newman	Texas	3456	GT-6B	132,193	132,193	49	49	23	23
Nichols Station	Texas	3484	141B	132,193	132,193	224	224	106	106
Nichols Station	Texas	3484	142B	132,193	132,193	293	293	138	138
Nichols Station	Texas	3484	143B	132,193	132,193	561	561	265	265
Nueces Bay	Texas	3441	8	132,193	132,193	646	646	305	305
Nueces Bay	Texas	3441	9	132,193	132,193	644	644	304	304
O W Sommers	Texas	3611	1	132,193	132,193	780	780	369	369
O W Sommers	Texas	3611	2	132,193	132,193	605	605	286	286
Oak Grove	Texas	6180	1	132,193	132,193	2,326	2,326	1,099	1,099
Odessa-Ector Generating Station	Texas	55215	GT1	132,193	132,193	662	662	313	313
Odessa-Ector Generating Station	Texas	55215	GT2	132,193	132,193	603	603	285	285
Odessa-Ector Generating Station	Texas	55215	GT3	132,193	132,193	618	618	292	292
Odessa-Ector Generating Station	Texas	55215	GT4	132,193	132,193	665	665	314	314
Oklaunion Power Station	Texas	127	1	132,193	132,193	3,454	3,454	1,632	1,632

					Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)	
Calculation									
Mustang Station	Texas	55065	1	3	4	4	3	3	
Mustang Station	Texas	55065	2	3	4	4	3	3	
Mustang Station Units 4 and 5	Texas	56326	GEN1				0	0	
Mustang Station Units 4 and 5	Texas	56326	GEN2					0	
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1		9	7		5	
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2		9	7		5	
New Gulf Power Facility	Texas	50137	1			0	0	0	
Newman	Texas	3456	**4	1	1	1	1	2	
Newman	Texas	3456	**5	1	1	2	1	2	
Newman	Texas	3456	1	1	1	1	0	1	
Newman	Texas	3456	2	1	1	1	1	1	
Newman	Texas	3456	3	1	1	1	1	1	
Newman	Texas	3456	GT-6A	0					
Newman	Texas	3456	GT-6B	0					
Nichols Station	Texas	3484	141B	1	1	1	1	1	
Nichols Station	Texas	3484	142B	1	1	1	1	2	
Nichols Station	Texas	3484	143B	2	2	2	2	3	
Nueces Bay	Texas	3441	8						
Nueces Bay	Texas	3441	9						
O W Sommers	Texas	3611	1	55	50	2	3	3	
O W Sommers	Texas	3611	2	7	1	2	2	2	
Oak Grove	Texas	6180	1						
Odessa-Ector Generating Station	Texas	55215	GT1	2	2	3	3	3	
Odessa-Ector Generating Station	Texas	55215	GT2	3	3	3	3	2	
Odessa-Ector Generating Station	Texas	55215	GT3	2	3	3	3	2	
Odessa-Ector Generating Station	Texas	55215	GT4	2	3	3	3	3	
Oklaunion Power Station	Texas	127	1	3,497	4,015	4,328	3,794	4,385	

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Mustang Station	Texas	55065	1	3	3	2	4		
Mustang Station	Texas	55065	2	3	3	2	4		
Mustang Station Units 4 and 5	Texas	56326	GEN1	0	0	0	0		
Mustang Station Units 4 and 5	Texas	56326	GEN2	0	0	0	0		
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1				9		
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2				9		
New Gulf Power Facility	Texas	50137	1	0	0	0	0		
Newman	Texas	3456	**4	2	1	2	2		
Newman	Texas	3456	**5	1	2	1	2		
Newman	Texas	3456	1	1	1	1	1		
Newman	Texas	3456	2	1	1	1	1		
Newman	Texas	3456	3	1	1	1	1		
Newman	Texas	3456	GT-6A		0	0	0		
Newman	Texas	3456	GT-6B		0	0	0		
Nichols Station	Texas	3484	141B	1	1	1	1		
Nichols Station	Texas	3484	142B	1	1	1	2		
Nichols Station	Texas	3484	143B	2	1	1	3		
Nueces Bay	Texas	3441	8			2	2		
Nueces Bay	Texas	3441	9			2	2		
O W Sommers	Texas	3611	1	3	3	2	55		
O W Sommers	Texas	3611	2	2	4	1	7		
Oak Grove	Texas	6180	1		56	1,665	1,665		
Odessa-Ector Generating Station	Texas	55215	GT1	2	2	2	3		
Odessa-Ector Generating Station	Texas	55215	GT2	2	2	2	3		
Odessa-Ector Generating Station	Texas	55215	GT3	2	2	2	3		
Odessa-Ector Generating Station	Texas	55215	GT4	2	2	2	3		
Oklaunion Power Station	Texas	127	1	4,386	2,684	3,588	4,386		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Mustang Station	Texas	55065	1					184	352
Mustang Station	Texas	55065	2					198	278
Mustang Station Units 4 and 5	Texas	56326	GEN1						
Mustang Station Units 4 and 5	Texas	56326	GEN2						
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1						230
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2						230
New Gulf Power Facility	Texas	50137	1						0
Newman	Texas	3456	**4					314	398
Newman	Texas	3456	**5					268	397
Newman	Texas	3456	1					240	313
Newman	Texas	3456	2					220	202
Newman	Texas	3456	3					431	326
Newman	Texas	3456	GT-6A					0	
Newman	Texas	3456	GT-6B					0	
Nichols Station	Texas	3484	141B					228	274
Nichols Station	Texas	3484	142B					167	186
Nichols Station	Texas	3484	143B					643	537
Nueces Bay	Texas	3441	8						
Nueces Bay	Texas	3441	9						
O W Sommers	Texas	3611	1					419	364
O W Sommers	Texas	3611	2					229	152
Oak Grove	Texas	6180	1						
Odessa-Ector Generating Station	Texas	55215	GT1					109	96
Odessa-Ector Generating Station	Texas	55215	GT2					116	127
Odessa-Ector Generating Station	Texas	55215	GT3					113	147
Odessa-Ector Generating Station	Texas	55215	GT4					106	131
Oklunion Power Station	Texas	127	1					8,171	8,081

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Mustang Station	Texas	55065	1	301	221	177	213	181
Mustang Station	Texas	55065	2	290	221	196	189	167
Mustang Station Units 4 and 5	Texas	56326	GEN1		18	20	16	9
Mustang Station Units 4 and 5	Texas	56326	GEN2			14	17	2
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	171		139		
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	171		139		
New Gulf Power Facility	Texas	50137	1	25	25	18	23	34
Newman	Texas	3456	**4	394	424	500	492	363
Newman	Texas	3456	**5	468	380	513	428	477
Newman	Texas	3456	1	248	107	285	316	280
Newman	Texas	3456	2	331	277	331	400	301
Newman	Texas	3456	3	291	301	323	195	292
Newman	Texas	3456	GT-6A					19
Newman	Texas	3456	GT-6B					18
Nichols Station	Texas	3484	141B	341	115	132	123	140
Nichols Station	Texas	3484	142B	242	226	178	148	178
Nichols Station	Texas	3484	143B	548	786	445	503	398
Nueces Bay	Texas	3441	8					
Nueces Bay	Texas	3441	9					
O W Sommers	Texas	3611	1	566	718	658	760	560
O W Sommers	Texas	3611	2	229	313	383	272	501
Oak Grove	Texas	6180	1					67
Odessa-Ector Generating Station	Texas	55215	GT1	145	152	131	142	117
Odessa-Ector Generating Station	Texas	55215	GT2	134	136	141	120	172
Odessa-Ector Generating Station	Texas	55215	GT3	144	151	122	146	170
Odessa-Ector Generating Station	Texas	55215	GT4	140	146	128	183	197
Oklaunion Power Station	Texas	127	1	8,630	7,352	7,682	8,097	5,057

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Mustang Station	Texas	55065	1	151	352				
Mustang Station	Texas	55065	2	174	290				
Mustang Station Units 4 and 5	Texas	56326	GEN1	10	20				
Mustang Station Units 4 and 5	Texas	56326	GEN2	3	17				
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1		230				
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2		230				
New Gulf Power Facility	Texas	50137	1	10	34				
Newman	Texas	3456	**4	497	500				
Newman	Texas	3456	**5	411	513				
Newman	Texas	3456	1	256	316				
Newman	Texas	3456	2	252	400				
Newman	Texas	3456	3	421	431				
Newman	Texas	3456	GT-6A	10	19				
Newman	Texas	3456	GT-6B	10	18				
Nichols Station	Texas	3484	141B	155	341				
Nichols Station	Texas	3484	142B	168	242				
Nichols Station	Texas	3484	143B	377	786				
Nueces Bay	Texas	3441	8	53	53				
Nueces Bay	Texas	3441	9	52	52				
O W Sommers	Texas	3611	1	354	760				
O W Sommers	Texas	3611	2	204	501				
Oak Grove	Texas	6180	1	1,800	1,800				
Odessa-Ector Generating Station	Texas	55215	GT1	192	192				
Odessa-Ector Generating Station	Texas	55215	GT2	171	172				
Odessa-Ector Generating Station	Texas	55215	GT3	223	223				
Odessa-Ector Generating Station	Texas	55215	GT4	163	197				
Oklunion Power Station	Texas	127	1	6,679	8,630				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual	2017 Annual	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
				NO _x Consent Decree Cap (if applicable) (tons)	NO _x Consent Decree Cap (if applicable) (tons)		
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Mustang Station	Texas	55065	1				
Mustang Station	Texas	55065	2				
Mustang Station Units 4 and 5	Texas	56326	GEN1				
Mustang Station Units 4 and 5	Texas	56326	GEN2				
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1				
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2				
New Gulf Power Facility	Texas	50137	1				
Newman	Texas	3456	**4				
Newman	Texas	3456	**5				
Newman	Texas	3456	1				
Newman	Texas	3456	2				
Newman	Texas	3456	3				
Newman	Texas	3456	GT-6A				
Newman	Texas	3456	GT-6B				
Nichols Station	Texas	3484	141B				
Nichols Station	Texas	3484	142B				
Nichols Station	Texas	3484	143B				
Nueces Bay	Texas	3441	8				
Nueces Bay	Texas	3441	9				
O W Sommers	Texas	3611	1				
O W Sommers	Texas	3611	2				
Oak Grove	Texas	6180	1				
Odessa-Ector Generating Station	Texas	55215	GT1				
Odessa-Ector Generating Station	Texas	55215	GT2				
Odessa-Ector Generating Station	Texas	55215	GT3				
Odessa-Ector Generating Station	Texas	55215	GT4				
Oklaunion Power Station	Texas	127	1				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Mustang Station	Texas	55065	1				
Mustang Station	Texas	55065	2				
Mustang Station Units 4 and 5	Texas	56326	GEN1				
Mustang Station Units 4 and 5	Texas	56326	GEN2				
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1				
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2				
New Gulf Power Facility	Texas	50137	1				
Newman	Texas	3456	**4				
Newman	Texas	3456	**5				
Newman	Texas	3456	1				
Newman	Texas	3456	2				
Newman	Texas	3456	3				
Newman	Texas	3456	GT-6A				
Newman	Texas	3456	GT-6B				
Nichols Station	Texas	3484	141B				
Nichols Station	Texas	3484	142B				
Nichols Station	Texas	3484	143B				
Nueces Bay	Texas	3441	8				
Nueces Bay	Texas	3441	9				
O W Sommers	Texas	3611	1				
O W Sommers	Texas	3611	2				
Oak Grove	Texas	6180	1				
Odessa-Ector Generating Station	Texas	55215	GT1				
Odessa-Ector Generating Station	Texas	55215	GT2				
Odessa-Ector Generating Station	Texas	55215	GT3				
Odessa-Ector Generating Station	Texas	55215	GT4				
Oklunion Power Station	Texas	127	1				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Mustang Station	Texas	55065	1	352	352	352	352
Mustang Station	Texas	55065	2	290	290	290	290
Mustang Station Units 4 and 5	Texas	56326	GEN1	20	20	20	20
Mustang Station Units 4 and 5	Texas	56326	GEN2	17	17	17	17
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	195	195	195	195
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	195	195	195	195
New Gulf Power Facility	Texas	50137	1	12	12	12	12
Newman	Texas	3456	**4	294	294	294	294
Newman	Texas	3456	**5	282	282	282	282
Newman	Texas	3456	1	164	164	164	164
Newman	Texas	3456	2	200	200	200	200
Newman	Texas	3456	3	231	231	231	231
Newman	Texas	3456	GT-6A	19	19	19	19
Newman	Texas	3456	GT-6B	18	18	18	18
Nichols Station	Texas	3484	141B	149	149	149	149
Nichols Station	Texas	3484	142B	194	194	194	194
Nichols Station	Texas	3484	143B	372	372	372	372
Nueces Bay	Texas	3441	8	53	53	53	53
Nueces Bay	Texas	3441	9	52	52	52	52
O W Sommers	Texas	3611	1	518	518	518	518
O W Sommers	Texas	3611	2	401	401	401	401
Oak Grove	Texas	6180	1	1,543	1,543	1,543	1,543
Odessa-Ector Generating Station	Texas	55215	GT1	192	192	192	192
Odessa-Ector Generating Station	Texas	55215	GT2	172	172	172	172
Odessa-Ector Generating Station	Texas	55215	GT3	223	223	223	223
Odessa-Ector Generating Station	Texas	55215	GT4	197	197	197	197
Oklunion Power Station	Texas	127	1	2,292	2,292	2,292	2,292

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)		
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)			
Mustang Station	Texas	55065	1	352	352	4,883,653	4,777,307	4,970,467
Mustang Station	Texas	55065	2	290	290	5,115,282	5,097,224	4,918,355
Mustang Station Units 4 and 5	Texas	56326	GEN1	20	20	930,603	994,102	981,108
Mustang Station Units 4 and 5	Texas	56326	GEN2	17	17		286,971	882,252
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	195	195	1,992,756	1,477,466	1,786,658
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	195	195	1,992,756	1,477,466	1,786,658
New Gulf Power Facility	Texas	50137	1	12	12	132,435	108,939	154,487
Newman	Texas	3456	**4	294	294	1,989,861	2,517,456	2,703,273
Newman	Texas	3456	**5	282	282	1,758,334	2,581,329	2,517,223
Newman	Texas	3456	1	164	164	1,169,476	1,675,351	1,354,519
Newman	Texas	3456	2	200	200	1,914,476	1,969,444	1,875,933
Newman	Texas	3456	3	231	231	2,010,978	1,914,866	1,696,057
Newman	Texas	3456	GT-6A	19	19			
Newman	Texas	3456	GT-6B	18	18			
Nichols Station	Texas	3484	141B	149	149	1,217,007	1,640,284	1,475,127
Nichols Station	Texas	3484	142B	194	194	1,915,583	2,020,729	1,583,341
Nichols Station	Texas	3484	143B	372	372	3,603,695	3,518,773	3,393,076
Nueces Bay	Texas	3441	8	53	53			
Nueces Bay	Texas	3441	9	52	52			
O W Sommers	Texas	3611	1	518	518	5,365,266	4,054,551	5,470,944
O W Sommers	Texas	3611	2	401	401	5,294,142	3,525,821	3,944,769
Oak Grove	Texas	6180	1	1,543	1,543			
Odessa-Ector Generating Station	Texas	55215	GT1	192	192	4,503,951	3,624,828	3,297,832
Odessa-Ector Generating Station	Texas	55215	GT2	172	172	4,301,058	3,557,513	3,031,947
Odessa-Ector Generating Station	Texas	55215	GT3	223	223	4,874,765	3,919,478	3,403,033
Odessa-Ector Generating Station	Texas	55215	GT4	197	197	4,228,839	3,567,480	3,676,287
Oklunion Power Station	Texas	127	1	2,292	2,292	16,481,573	21,960,220	19,694,979

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Mustang Station	Texas	55065	1	5,540,447	4,814,061	5,131,522	1,726,255,329	0.002973
Mustang Station	Texas	55065	2	5,581,369	5,080,714	5,264,625	1,726,255,329	0.003050
Mustang Station Units 4 and 5	Texas	56326	GEN1	637,526	675,365	968,604	1,726,255,329	0.000561
Mustang Station Units 4 and 5	Texas	56326	GEN2	91,928	132,654	433,959	1,726,255,329	0.000251
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	1,738,348		1,839,254	1,726,255,329	0.001065
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	1,738,348		1,839,254	1,726,255,329	0.001065
New Gulf Power Facility	Texas	50137	1	243,874	67,506	176,932	1,726,255,329	0.000102
Newman	Texas	3456	**4	1,870,727	2,708,928	2,643,219	1,726,255,329	0.001531
Newman	Texas	3456	**5	2,594,057	2,602,994	2,592,793	1,726,255,329	0.001502
Newman	Texas	3456	1	1,604,610	1,652,896	1,644,286	1,726,255,329	0.000953
Newman	Texas	3456	2	1,431,804	1,664,691	1,919,951	1,726,255,329	0.001112
Newman	Texas	3456	3	2,044,821	2,095,183	2,050,327	1,726,255,329	0.001188
Newman	Texas	3456	GT-6A	442,026	641,053	541,539	1,726,255,329	0.000314
Newman	Texas	3456	GT-6B	388,305	556,276	472,291	1,726,255,329	0.000274
Nichols Station	Texas	3484	141B	1,372,806	1,518,493	1,544,635	1,726,255,329	0.000895
Nichols Station	Texas	3484	142B	1,483,322	1,492,796	1,839,884	1,726,255,329	0.001066
Nichols Station	Texas	3484	143B	2,766,076	2,625,255	3,505,181	1,726,255,329	0.002031
Nueces Bay	Texas	3441	8		3,647,018	3,647,018	1,726,255,329	0.002113
Nueces Bay	Texas	3441	9		3,689,156	3,689,156	1,726,255,329	0.002137
O W Sommers	Texas	3611	1	4,678,677	2,925,420	5,171,629	1,726,255,329	0.002996
O W Sommers	Texas	3611	2	4,877,805	2,837,861	4,705,572	1,726,255,329	0.002726
Oak Grove	Texas	6180	1		27,865,850	27,865,850	1,726,255,329	0.016142
Odessa-Ector Generating Station	Texas	55215	GT1	2,896,194	3,607,458	3,912,079	1,726,255,329	0.002266
Odessa-Ector Generating Station	Texas	55215	GT2	2,992,326	3,188,907	3,682,493	1,726,255,329	0.002133
Odessa-Ector Generating Station	Texas	55215	GT3	2,757,298	3,175,624	4,065,759	1,726,255,329	0.002355
Odessa-Ector Generating Station	Texas	55215	GT4	3,166,286	3,112,486	3,824,202	1,726,255,329	0.002215
Oklunion Power Station	Texas	127	1	16,826,198	17,943,523	19,866,241	1,726,255,329	0.011508

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Mustang Station	Texas	55065	1	62,938	62,938	187	187	86	114
Mustang Station	Texas	55065	2	62,938	62,938	192	192	94	99
Mustang Station Units 4 and 5	Texas	56326	GEN1	62,938	62,938	35	35		
Mustang Station Units 4 and 5	Texas	56326	GEN2	62,938	62,938	16	16		
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	62,938	62,938	67	67		99
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	62,938	62,938	67	67		99
New Gulf Power Facility	Texas	50137	1	62,938	62,938	6	6		0
Newman	Texas	3456	**4	62,938	62,938	96	96	209	171
Newman	Texas	3456	**5	62,938	62,938	95	95	175	156
Newman	Texas	3456	1	62,938	62,938	60	60	113	149
Newman	Texas	3456	2	62,938	62,938	70	70	105	125
Newman	Texas	3456	3	62,938	62,938	75	75	155	150
Newman	Texas	3456	GT-6A	62,938	62,938	20	20	0	
Newman	Texas	3456	GT-6B	62,938	62,938	17	17	0	
Nichols Station	Texas	3484	141B	62,938	62,938	56	56	186	168
Nichols Station	Texas	3484	142B	62,938	62,938	67	67	162	147
Nichols Station	Texas	3484	143B	62,938	62,938	128	128	441	313
Nueces Bay	Texas	3441	8	62,938	62,938	133	133		
Nueces Bay	Texas	3441	9	62,938	62,938	135	135		
O W Sommers	Texas	3611	1	62,938	62,938	189	189	267	243
O W Sommers	Texas	3611	2	62,938	62,938	172	172	174	108
Oak Grove	Texas	6180	1	62,938	62,938	1,016	1,016		
Odessa-Ector Generating Station	Texas	55215	GT1	62,938	62,938	143	143	46	50
Odessa-Ector Generating Station	Texas	55215	GT2	62,938	62,938	134	134	48	51
Odessa-Ector Generating Station	Texas	55215	GT3	62,938	62,938	148	148	49	70
Odessa-Ector Generating Station	Texas	55215	GT4	62,938	62,938	139	139	48	52
Oklaunion Power Station	Texas	127	1	62,938	62,938	724	724	3,274	3,381

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Mustang Station	Texas	55065	1	123	106	86	86	98	93
Mustang Station	Texas	55065	2	111	115	90	94	98	106
Mustang Station Units 4 and 5	Texas	56326	GEN1		14	13	13	9	10
Mustang Station Units 4 and 5	Texas	56326	GEN2			11	11	2	2
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	88		68			
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	88		68			
New Gulf Power Facility	Texas	50137	1	16	16	13	19	29	7
Newman	Texas	3456	**4	186	158	210	233	161	217
Newman	Texas	3456	**5	219	153	214	205	207	212
Newman	Texas	3456	1	129	77	159	128	138	137
Newman	Texas	3456	2	176	154	172	179	125	132
Newman	Texas	3456	3	153	129	124	106	134	142
Newman	Texas	3456	GT-6A					17	9
Newman	Texas	3456	GT-6B					16	8
Nichols Station	Texas	3484	141B	190	58	67	68	80	84
Nichols Station	Texas	3484	142B	125	106	94	85	90	81
Nichols Station	Texas	3484	143B	370	489	213	256	227	207
Nueces Bay	Texas	3441	8						24
Nueces Bay	Texas	3441	9						23
O W Sommers	Texas	3611	1	316	391	284	384	351	177
O W Sommers	Texas	3611	2	136	246	163	169	323	147
Oak Grove	Texas	6180	1						898
Odessa-Ector Generating Station	Texas	55215	GT1	61	70	52	72	44	86
Odessa-Ector Generating Station	Texas	55215	GT2	59	63	51	60	74	73
Odessa-Ector Generating Station	Texas	55215	GT3	70	73	55	65	77	98
Odessa-Ector Generating Station	Texas	55215	GT4	64	64	52	93	82	68
Oklaunion Power Station	Texas	127	1	4,007	2,530	3,805	3,847	2,590	3,089

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Mustang Station	Texas	55065	1	123					
Mustang Station	Texas	55065	2	115					
Mustang Station Units 4 and 5	Texas	56326	GEN1	14					
Mustang Station Units 4 and 5	Texas	56326	GEN2	11					
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	99					
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	99					
New Gulf Power Facility	Texas	50137	1	29					
Newman	Texas	3456	**4	233					
Newman	Texas	3456	**5	219					
Newman	Texas	3456	1	159					
Newman	Texas	3456	2	179					
Newman	Texas	3456	3	155					
Newman	Texas	3456	GT-6A	17					
Newman	Texas	3456	GT-6B	16					
Nichols Station	Texas	3484	141B	190					
Nichols Station	Texas	3484	142B	162					
Nichols Station	Texas	3484	143B	489					
Nueces Bay	Texas	3441	8	24					
Nueces Bay	Texas	3441	9	23					
O W Sommers	Texas	3611	1	391					
O W Sommers	Texas	3611	2	323					
Oak Grove	Texas	6180	1	898					
Odessa-Ector Generating Station	Texas	55215	GT1	86					
Odessa-Ector Generating Station	Texas	55215	GT2	74					
Odessa-Ector Generating Station	Texas	55215	GT3	98					
Odessa-Ector Generating Station	Texas	55215	GT4	93					
Oklaunion Power Station	Texas	127	1	4,007					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Mustang Station	Texas	55065	1			123	123
Mustang Station	Texas	55065	2			115	115
Mustang Station Units 4 and 5	Texas	56326	GEN1			14	14
Mustang Station Units 4 and 5	Texas	56326	GEN2			11	11
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1			98	98
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2			98	98
New Gulf Power Facility	Texas	50137	1			9	9
Newman	Texas	3456	**4			140	140
Newman	Texas	3456	**5			138	138
Newman	Texas	3456	1			87	87
Newman	Texas	3456	2			102	102
Newman	Texas	3456	3			109	109
Newman	Texas	3456	GT-6A			17	17
Newman	Texas	3456	GT-6B			16	16
Nichols Station	Texas	3484	141B			82	82
Nichols Station	Texas	3484	142B			98	98
Nichols Station	Texas	3484	143B			186	186
Nueces Bay	Texas	3441	8			24	24
Nueces Bay	Texas	3441	9			23	23
O W Sommers	Texas	3611	1			274	274
O W Sommers	Texas	3611	2			250	250
Oak Grove	Texas	6180	1			898	898
Odessa-Ector Generating Station	Texas	55215	GT1			86	86
Odessa-Ector Generating Station	Texas	55215	GT2			74	74
Odessa-Ector Generating Station	Texas	55215	GT3			98	98
Odessa-Ector Generating Station	Texas	55215	GT4			93	93
Oklaunion Power Station	Texas	127	1			1,054	1,054

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Mustang Station	Texas	55065	1	123	123	123	123
Mustang Station	Texas	55065	2	115	115	115	115
Mustang Station Units 4 and 5	Texas	56326	GEN1	14	14	14	14
Mustang Station Units 4 and 5	Texas	56326	GEN2	11	11	11	11
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	98	98	98	98
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	98	98	98	98
New Gulf Power Facility	Texas	50137	1	9	9	9	9
Newman	Texas	3456	**4	140	140	140	140
Newman	Texas	3456	**5	138	138	138	138
Newman	Texas	3456	1	87	87	87	87
Newman	Texas	3456	2	102	102	102	102
Newman	Texas	3456	3	109	109	109	109
Newman	Texas	3456	GT-6A	17	17	17	17
Newman	Texas	3456	GT-6B	16	16	16	16
Nichols Station	Texas	3484	141B	82	82	82	82
Nichols Station	Texas	3484	142B	98	98	98	98
Nichols Station	Texas	3484	143B	186	186	186	186
Nueces Bay	Texas	3441	8	24	24	24	24
Nueces Bay	Texas	3441	9	23	23	23	23
O W Sommers	Texas	3611	1	274	274	274	274
O W Sommers	Texas	3611	2	250	250	250	250
Oak Grove	Texas	6180	1	898	898	898	898
Odessa-Ector Generating Station	Texas	55215	GT1	86	86	86	86
Odessa-Ector Generating Station	Texas	55215	GT2	74	74	74	74
Odessa-Ector Generating Station	Texas	55215	GT3	98	98	98	98
Odessa-Ector Generating Station	Texas	55215	GT4	93	93	93	93
Oklunion Power Station	Texas	127	1	1,054	1,054	1,054	1,054

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Mustang Station	Texas	55065	1	Y		Y	Y		
Mustang Station	Texas	55065	2	Y		Y	Y		
Mustang Station Units 4 and 5	Texas	56326	GEN1	Y		Y	Y		
Mustang Station Units 4 and 5	Texas	56326	GEN2	Y		Y	Y		
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN1	Y		Y	Y	Y	
NAFTA Region Olefins Complex Cogen Fac	Texas	55122	UN2	Y		Y	Y	Y	
New Gulf Power Facility	Texas	50137	1	Y		Y	Y		
Newman	Texas	3456	**4	Y		Y	Y		
Newman	Texas	3456	**5	Y		Y	Y		
Newman	Texas	3456	1	Y		Y	Y		
Newman	Texas	3456	2	Y		Y	Y		
Newman	Texas	3456	3	Y		Y	Y		
Newman	Texas	3456	GT-6A	Y		Y	Y		
Newman	Texas	3456	GT-6B	Y		Y	Y		
Nichols Station	Texas	3484	141B	Y		Y	Y		
Nichols Station	Texas	3484	142B	Y		Y	Y		
Nichols Station	Texas	3484	143B	Y		Y	Y		
Nueces Bay	Texas	3441	8	Y		Y	Y		
Nueces Bay	Texas	3441	9	Y		Y	Y		
O W Sommers	Texas	3611	1	Y		Y	Y		
O W Sommers	Texas	3611	2	Y		Y	Y		
Oak Grove	Texas	6180	1	Y		Y	Y		
Odessa-Ector Generating Station	Texas	55215	GT1	Y		Y	Y		
Odessa-Ector Generating Station	Texas	55215	GT2	Y		Y	Y		
Odessa-Ector Generating Station	Texas	55215	GT3	Y		Y	Y		
Odessa-Ector Generating Station	Texas	55215	GT4	Y		Y	Y		
Oklunion Power Station	Texas	127	1	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	10087	5,733,195	7,024,569	6,326,291	5,607,245	6,467,685
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	10088	5,588,569	6,876,713	6,281,840	5,714,530	6,613,674
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	10089	4,849,802	5,466,678	4,481,783	4,405,741	5,543,912
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	10090	4,830,965	4,630,008	5,327,319	4,859,359	5,847,908
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	10091	4,671,746	4,922,209	4,265,402	5,649,227	5,683,976
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	10092	5,786,155	5,843,202	6,233,175	5,770,816	6,154,410
Oyster Creek Unit VIII	Texas	54676	G81		8,267,586	9,404,584	9,046,085	9,111,659	8,519,433
Oyster Creek Unit VIII	Texas	54676	G82		8,267,586	9,404,584	9,046,085	9,111,659	8,519,433
Oyster Creek Unit VIII	Texas	54676	G83		8,267,586	9,404,584	9,046,085	9,111,659	8,519,433
Pampa Power Plant	Texas	7678	BL09A1	89868					
Pampa Power Plant	Texas	7678	BL10A1	89869					
Pampa Power Plant	Texas	7678	BL11A1	89870					
Paris Energy Center	Texas	50109	HRSG1	89668		1,926,498	2,468,830	2,203,761	1,411,887
Paris Energy Center	Texas	50109	HRSG2	89669		1,688,013	2,725,727	1,919,214	1,950,909
Pasadena Power Plant	Texas	55047	CG-1	3831	9,957,902	10,396,257	10,739,590	9,566,704	9,771,896
Pasadena Power Plant	Texas	55047	CG-2	3832	4,842,180	7,865,213	7,002,837	6,360,102	4,634,668
Pasadena Power Plant	Texas	55047	CG-3	3833	4,620,528	8,043,388	7,924,613	4,859,055	5,785,355
Permian Basin	Texas	3494	5	2421	815,920	376,775	614,885	449,459	404,737
Permian Basin	Texas	3494	6	2422	8,678,305	3,881,841	2,801,146	2,631,727	3,397,893
Permian Basin	Texas	3494	CT1	90023			339,383	113,737	213,420
Permian Basin	Texas	3494	CT2	90024			291,881	171,280	250,284
Permian Basin	Texas	3494	CT3	90025			198,943	138,650	186,744
Permian Basin	Texas	3494	CT4	90026			193,509	140,723	286,896
Permian Basin	Texas	3494	CT5	90027			83,665	152,892	240,500
Plant X	Texas	3485	111B	2401	699,193	1,194,887	572,973	733,811	1,138,763
Plant X	Texas	3485	112B	2402	2,088,982	1,662,609	1,238,501	1,167,156	2,932,116
Plant X	Texas	3485	113B	2403	3,178,615	2,509,683	927,612	1,958,272	2,208,577

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	6,606,182	3,511,906,933	0.001881	279,747	279,747
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	6,590,742	3,511,906,933	0.001877	279,747	279,747
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	5,286,797	3,511,906,933	0.001505	279,747	279,747
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	5,344,862	3,511,906,933	0.001522	279,747	279,747
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	5,418,471	3,511,906,933	0.001543	279,747	279,747
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	6,076,929	3,511,906,933	0.001730	279,747	279,747
Oyster Creek Unit VIII	Texas	54676	G81	9,187,443	3,511,906,933	0.002616	279,747	279,747
Oyster Creek Unit VIII	Texas	54676	G82	9,187,443	3,511,906,933	0.002616	279,747	279,747
Oyster Creek Unit VIII	Texas	54676	G83	9,187,443	3,511,906,933	0.002616	279,747	279,747
Pampa Power Plant	Texas	7678	BL09A1		3,511,906,933		279,747	279,747
Pampa Power Plant	Texas	7678	BL10A1		3,511,906,933		279,747	279,747
Pampa Power Plant	Texas	7678	BL11A1		3,511,906,933		279,747	279,747
Paris Energy Center	Texas	50109	HRSG1	2,199,696	3,511,906,933	0.000626	279,747	279,747
Paris Energy Center	Texas	50109	HRSG2	2,198,617	3,511,906,933	0.000626	279,747	279,747
Pasadena Power Plant	Texas	55047	CG-1	10,364,583	3,511,906,933	0.002951	279,747	279,747
Pasadena Power Plant	Texas	55047	CG-2	7,076,051	3,511,906,933	0.002015	279,747	279,747
Pasadena Power Plant	Texas	55047	CG-3	7,251,119	3,511,906,933	0.002065	279,747	279,747
Permian Basin	Texas	3494	5	626,755	3,511,906,933	0.000178	279,747	279,747
Permian Basin	Texas	3494	6	5,319,346	3,511,906,933	0.001515	279,747	279,747
Permian Basin	Texas	3494	CT1	222,180	3,511,906,933	0.000063	279,747	279,747
Permian Basin	Texas	3494	CT2	237,815	3,511,906,933	0.000068	279,747	279,747
Permian Basin	Texas	3494	CT3	174,779	3,511,906,933	0.000050	279,747	279,747
Permian Basin	Texas	3494	CT4	207,043	3,511,906,933	0.000059	279,747	279,747
Permian Basin	Texas	3494	CT5	159,019	3,511,906,933	0.000045	279,747	279,747
Plant X	Texas	3485	111B	1,022,487	3,511,906,933	0.000291	279,747	279,747
Plant X	Texas	3485	112B	2,227,902	3,511,906,933	0.000634	279,747	279,747
Plant X	Texas	3485	113B	2,632,292	3,511,906,933	0.000750	279,747	279,747

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	132,193	132,193	526	526	249	249
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	132,193	132,193	525	525	248	248
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	132,193	132,193	421	421	199	199
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	132,193	132,193	426	426	201	201
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	132,193	132,193	432	432	204	204
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	132,193	132,193	484	484	229	229
Oyster Creek Unit VIII	Texas	54676	G81	132,193	132,193	732	732	346	346
Oyster Creek Unit VIII	Texas	54676	G82	132,193	132,193	732	732	346	346
Oyster Creek Unit VIII	Texas	54676	G83	132,193	132,193	732	732	346	346
Pampa Power Plant	Texas	7678	BL09A1	132,193	132,193				
Pampa Power Plant	Texas	7678	BL10A1	132,193	132,193				
Pampa Power Plant	Texas	7678	BL11A1	132,193	132,193				
Paris Energy Center	Texas	50109	HRSG1	132,193	132,193	175	175	83	83
Paris Energy Center	Texas	50109	HRSG2	132,193	132,193	175	175	83	83
Pasadena Power Plant	Texas	55047	CG-1	132,193	132,193	826	826	390	390
Pasadena Power Plant	Texas	55047	CG-2	132,193	132,193	564	564	266	266
Pasadena Power Plant	Texas	55047	CG-3	132,193	132,193	578	578	273	273
Permian Basin	Texas	3494	5	132,193	132,193	50	50	24	24
Permian Basin	Texas	3494	6	132,193	132,193	424	424	200	200
Permian Basin	Texas	3494	CT1	132,193	132,193	18	18	8	8
Permian Basin	Texas	3494	CT2	132,193	132,193	19	19	9	9
Permian Basin	Texas	3494	CT3	132,193	132,193	14	14	7	7
Permian Basin	Texas	3494	CT4	132,193	132,193	16	16	8	8
Permian Basin	Texas	3494	CT5	132,193	132,193	13	13	6	6
Plant X	Texas	3485	111B	132,193	132,193	81	81	38	38
Plant X	Texas	3485	112B	132,193	132,193	177	177	84	84
Plant X	Texas	3485	113B	132,193	132,193	210	210	99	99

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	2	2	2	2	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	2	2	2	2	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	1	1	2	1	2
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	1	1	2	1	1
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	1	1	1	1	1
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	2	2	2	2	2
Oyster Creek Unit VIII	Texas	54676	G81		16	14		17
Oyster Creek Unit VIII	Texas	54676	G82		16	14		17
Oyster Creek Unit VIII	Texas	54676	G83		16	14		17
Pampa Power Plant	Texas	7678	BL09A1					
Pampa Power Plant	Texas	7678	BL10A1					
Pampa Power Plant	Texas	7678	BL11A1					
Paris Energy Center	Texas	50109	HRSG1					1
Paris Energy Center	Texas	50109	HRSG2					1
Pasadena Power Plant	Texas	55047	CG-1	3	3	3	3	3
Pasadena Power Plant	Texas	55047	CG-2	2	2	2	1	2
Pasadena Power Plant	Texas	55047	CG-3	3	3	2	1	2
Permian Basin	Texas	3494	5	0	0	0	0	0
Permian Basin	Texas	3494	6	563	244	170	20	1
Permian Basin	Texas	3494	CT1					
Permian Basin	Texas	3494	CT2					
Permian Basin	Texas	3494	CT3					
Permian Basin	Texas	3494	CT4					
Permian Basin	Texas	3494	CT5					
Plant X	Texas	3485	111B	0	0	0	0	0
Plant X	Texas	3485	112B	0	1	1	1	0
Plant X	Texas	3485	113B	1	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	2	2	2	2		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	2	2	2	2		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	1	1	2	2		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	2	1	2	2		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	1	2	2	2		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	2	2	2	2		
Oyster Creek Unit VIII	Texas	54676	G81				17		
Oyster Creek Unit VIII	Texas	54676	G82				17		
Oyster Creek Unit VIII	Texas	54676	G83				17		
Pampa Power Plant	Texas	7678	BL09A1				0		
Pampa Power Plant	Texas	7678	BL10A1				0		
Pampa Power Plant	Texas	7678	BL11A1				0		
Paris Energy Center	Texas	50109	HRSG1	1	1	0	1		
Paris Energy Center	Texas	50109	HRSG2	1	1	1	1		
Pasadena Power Plant	Texas	55047	CG-1	3	3	3	3		
Pasadena Power Plant	Texas	55047	CG-2	2	2	1	2		
Pasadena Power Plant	Texas	55047	CG-3	2	1	2	3		
Permian Basin	Texas	3494	5	0	0	0	0		
Permian Basin	Texas	3494	6	15	1	1	563		
Permian Basin	Texas	3494	CT1	2	0	0	2		
Permian Basin	Texas	3494	CT2	3	0	0	3		
Permian Basin	Texas	3494	CT3	1	0	0	1		
Permian Basin	Texas	3494	CT4	3	0	0	3		
Permian Basin	Texas	3494	CT5	2	0	0	2		
Plant X	Texas	3485	111B	0	0	0	0		
Plant X	Texas	3485	112B	0	0	1	1		
Plant X	Texas	3485	113B	0	1	1	1		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101					378	370
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201					406	412
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301					308	268
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401					312	308
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501					282	262
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601					146	126
Oyster Creek Unit VIII	Texas	54676	G81						242
Oyster Creek Unit VIII	Texas	54676	G82						242
Oyster Creek Unit VIII	Texas	54676	G83						242
Pampa Power Plant	Texas	7678	BL09A1						
Pampa Power Plant	Texas	7678	BL10A1						
Pampa Power Plant	Texas	7678	BL11A1						
Paris Energy Center	Texas	50109	HRSG1						
Paris Energy Center	Texas	50109	HRSG2						
Pasadena Power Plant	Texas	55047	CG-1					150	137
Pasadena Power Plant	Texas	55047	CG-2					136	122
Pasadena Power Plant	Texas	55047	CG-3					111	92
Permian Basin	Texas	3494	5					75	33
Permian Basin	Texas	3494	6					1,474	906
Permian Basin	Texas	3494	CT1						
Permian Basin	Texas	3494	CT2						
Permian Basin	Texas	3494	CT3						
Permian Basin	Texas	3494	CT4						
Permian Basin	Texas	3494	CT5						
Plant X	Texas	3485	111B					114	198
Plant X	Texas	3485	112B					73	109
Plant X	Texas	3485	113B					211	218

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	385	273	57	45	35
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	406	320	63	51	41
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	339	122	40	34	34
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	342	302	52	39	38
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	311	296	76	29	37
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	139	105	99	116	77
Oyster Creek Unit VIII	Texas	54676	G81	223		259		
Oyster Creek Unit VIII	Texas	54676	G82	223		259		
Oyster Creek Unit VIII	Texas	54676	G83	223		259		
Pampa Power Plant	Texas	7678	BL09A1					
Pampa Power Plant	Texas	7678	BL10A1					
Pampa Power Plant	Texas	7678	BL11A1					
Paris Energy Center	Texas	50109	HRSG1			123	143	145
Paris Energy Center	Texas	50109	HRSG2			96	154	126
Pasadena Power Plant	Texas	55047	CG-1	139	129	137	135	132
Pasadena Power Plant	Texas	55047	CG-2	101	83	113	107	151
Pasadena Power Plant	Texas	55047	CG-3	75	61	101	94	130
Permian Basin	Texas	3494	5	42	111	51	79	46
Permian Basin	Texas	3494	6	836	866	349	297	219
Permian Basin	Texas	3494	CT1				58	19
Permian Basin	Texas	3494	CT2				50	29
Permian Basin	Texas	3494	CT3				34	23
Permian Basin	Texas	3494	CT4				33	23
Permian Basin	Texas	3494	CT5				15	25
Plant X	Texas	3485	111B	28	108	157	59	116
Plant X	Texas	3485	112B	105	104	74	62	49
Plant X	Texas	3485	113B	272	287	202	86	163

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	47	385				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	58	412				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	35	339				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	45	342				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	36	311				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	80	146				
Oyster Creek Unit VIII	Texas	54676	G81		259				
Oyster Creek Unit VIII	Texas	54676	G82		259				
Oyster Creek Unit VIII	Texas	54676	G83		259				
Pampa Power Plant	Texas	7678	BL09A1		0				
Pampa Power Plant	Texas	7678	BL10A1		0				
Pampa Power Plant	Texas	7678	BL11A1		0				
Paris Energy Center	Texas	50109	HRSG1	81	145				
Paris Energy Center	Texas	50109	HRSG2	111	154				
Pasadena Power Plant	Texas	55047	CG-1	109	150				
Pasadena Power Plant	Texas	55047	CG-2	86	151				
Pasadena Power Plant	Texas	55047	CG-3	167	167				
Permian Basin	Texas	3494	5	48	111				
Permian Basin	Texas	3494	6	274	1,474				
Permian Basin	Texas	3494	CT1	35	58				
Permian Basin	Texas	3494	CT2	42	50				
Permian Basin	Texas	3494	CT3	31	34				
Permian Basin	Texas	3494	CT4	48	48				
Permian Basin	Texas	3494	CT5	40	40				
Plant X	Texas	3485	111B	177	198				
Plant X	Texas	3485	112B	109	109				
Plant X	Texas	3485	113B	133	287				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601				
Oyster Creek Unit VIII	Texas	54676	G81				
Oyster Creek Unit VIII	Texas	54676	G82				
Oyster Creek Unit VIII	Texas	54676	G83				
Pampa Power Plant	Texas	7678	BL09A1				
Pampa Power Plant	Texas	7678	BL10A1				
Pampa Power Plant	Texas	7678	BL11A1				
Paris Energy Center	Texas	50109	HRSG1				
Paris Energy Center	Texas	50109	HRSG2				
Pasadena Power Plant	Texas	55047	CG-1				
Pasadena Power Plant	Texas	55047	CG-2				
Pasadena Power Plant	Texas	55047	CG-3				
Permian Basin	Texas	3494	5				
Permian Basin	Texas	3494	6				
Permian Basin	Texas	3494	CT1				
Permian Basin	Texas	3494	CT2				
Permian Basin	Texas	3494	CT3				
Permian Basin	Texas	3494	CT4				
Permian Basin	Texas	3494	CT5				
Plant X	Texas	3485	111B				
Plant X	Texas	3485	112B				
Plant X	Texas	3485	113B				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501				
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601				
Oyster Creek Unit VIII	Texas	54676	G81				
Oyster Creek Unit VIII	Texas	54676	G82				
Oyster Creek Unit VIII	Texas	54676	G83				
Pampa Power Plant	Texas	7678	BL09A1				
Pampa Power Plant	Texas	7678	BL10A1				
Pampa Power Plant	Texas	7678	BL11A1				
Paris Energy Center	Texas	50109	HRSG1				
Paris Energy Center	Texas	50109	HRSG2				
Pasadena Power Plant	Texas	55047	CG-1				
Pasadena Power Plant	Texas	55047	CG-2				
Pasadena Power Plant	Texas	55047	CG-3				
Permian Basin	Texas	3494	5				
Permian Basin	Texas	3494	6				
Permian Basin	Texas	3494	CT1				
Permian Basin	Texas	3494	CT2				
Permian Basin	Texas	3494	CT3				
Permian Basin	Texas	3494	CT4				
Permian Basin	Texas	3494	CT5				
Plant X	Texas	3485	111B				
Plant X	Texas	3485	112B				
Plant X	Texas	3485	113B				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	349	349	349	349
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	348	348	348	348
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	279	279	279	279
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	282	282	282	282
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	286	286	286	286
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	146	146	146	146
Oyster Creek Unit VIII	Texas	54676	G81	259	259	259	259
Oyster Creek Unit VIII	Texas	54676	G82	259	259	259	259
Oyster Creek Unit VIII	Texas	54676	G83	259	259	259	259
Pampa Power Plant	Texas	7678	BL09A1	0	0	0	0
Pampa Power Plant	Texas	7678	BL10A1	0	0	0	0
Pampa Power Plant	Texas	7678	BL11A1	0	0	0	0
Paris Energy Center	Texas	50109	HRSG1	116	116	116	116
Paris Energy Center	Texas	50109	HRSG2	116	116	116	116
Pasadena Power Plant	Texas	55047	CG-1	150	150	150	150
Pasadena Power Plant	Texas	55047	CG-2	151	151	151	151
Pasadena Power Plant	Texas	55047	CG-3	167	167	167	167
Permian Basin	Texas	3494	5	33	33	33	33
Permian Basin	Texas	3494	6	281	281	281	281
Permian Basin	Texas	3494	CT1	12	12	12	12
Permian Basin	Texas	3494	CT2	13	13	13	13
Permian Basin	Texas	3494	CT3	9	9	9	9
Permian Basin	Texas	3494	CT4	11	11	11	11
Permian Basin	Texas	3494	CT5	8	8	8	8
Plant X	Texas	3485	111B	54	54	54	54
Plant X	Texas	3485	112B	109	109	109	109
Plant X	Texas	3485	113B	139	139	139	139

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)		
Calculation				(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)			
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	349	349	2,334,216	3,002,343	2,526,278
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	348	348	2,590,875	3,008,750	2,688,990
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	279	279	2,369,152	2,027,478	1,806,278
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	282	282	2,119,050	2,006,251	2,388,521
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	286	286	2,027,549	2,261,345	1,452,985
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	146	146	2,503,027	2,730,999	2,617,420
Oyster Creek Unit VIII	Texas	54676	G81	259	259	3,738,995	3,934,374	3,796,265
Oyster Creek Unit VIII	Texas	54676	G82	259	259	3,738,995	3,934,374	3,796,265
Oyster Creek Unit VIII	Texas	54676	G83	259	259	3,738,995	3,934,374	3,796,265
Pampa Power Plant	Texas	7678	BL09A1	0	0			
Pampa Power Plant	Texas	7678	BL10A1	0	0			
Pampa Power Plant	Texas	7678	BL11A1	0	0			
Paris Energy Center	Texas	50109	HRSG1	116	116		1,443,649	1,533,212
Paris Energy Center	Texas	50109	HRSG2	116	116		1,293,593	1,667,814
Pasadena Power Plant	Texas	55047	CG-1	150	150	4,347,232	4,666,070	4,564,514
Pasadena Power Plant	Texas	55047	CG-2	151	151	3,281,296	3,873,911	3,696,522
Pasadena Power Plant	Texas	55047	CG-3	167	167	3,223,622	3,940,650	4,368,999
Permian Basin	Texas	3494	5	33	33	451,358	169,684	278,221
Permian Basin	Texas	3494	6	281	281	5,836,352	1,694,517	1,956,636
Permian Basin	Texas	3494	CT1	12	12			169,609
Permian Basin	Texas	3494	CT2	13	13			177,900
Permian Basin	Texas	3494	CT3	9	9			122,562
Permian Basin	Texas	3494	CT4	11	11			113,751
Permian Basin	Texas	3494	CT5	8	8			31,790
Plant X	Texas	3485	111B	54	54	631,262	844,433	445,202
Plant X	Texas	3485	112B	109	109	1,249,815	896,069	863,316
Plant X	Texas	3485	113B	139	139	1,358,907	1,223,209	762,124

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	2,486,354	2,786,361	2,771,661	1,726,255,329	0.001606
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	2,584,561	2,897,446	2,865,062	1,726,255,329	0.001660
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	1,960,851	2,579,229	2,325,286	1,726,255,329	0.001347
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	2,035,695	2,768,823	2,425,465	1,726,255,329	0.001405
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	2,340,418	2,615,309	2,405,691	1,726,255,329	0.001394
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	2,539,820	2,777,260	2,708,559	1,726,255,329	0.001569
Oyster Creek Unit VIII	Texas	54676	G81	3,905,412	3,556,322	3,878,684	1,726,255,329	0.002247
Oyster Creek Unit VIII	Texas	54676	G82	3,905,412	3,556,322	3,878,684	1,726,255,329	0.002247
Oyster Creek Unit VIII	Texas	54676	G83	3,905,412	3,556,322	3,878,684	1,726,255,329	0.002247
Pampa Power Plant	Texas	7678	BL09A1				1,726,255,329	
Pampa Power Plant	Texas	7678	BL10A1				1,726,255,329	
Pampa Power Plant	Texas	7678	BL11A1				1,726,255,329	
Paris Energy Center	Texas	50109	HRSG1	1,532,111	762,281	1,502,991	1,726,255,329	0.000871
Paris Energy Center	Texas	50109	HRSG2	1,367,188	1,324,623	1,453,208	1,726,255,329	0.000842
Pasadena Power Plant	Texas	55047	CG-1	3,859,712	4,970,047	4,733,544	1,726,255,329	0.002742
Pasadena Power Plant	Texas	55047	CG-2	3,237,945	2,276,043	3,617,243	1,726,255,329	0.002095
Pasadena Power Plant	Texas	55047	CG-3	2,975,404	3,528,803	3,946,151	1,726,255,329	0.002286
Permian Basin	Texas	3494	5	339,565	221,221	356,381	1,726,255,329	0.000206
Permian Basin	Texas	3494	6	2,323,461	1,652,856	3,372,150	1,726,255,329	0.001953
Permian Basin	Texas	3494	CT1	75,620	71,974	105,735	1,726,255,329	0.000061
Permian Basin	Texas	3494	CT2	103,958	133,558	138,472	1,726,255,329	0.000080
Permian Basin	Texas	3494	CT3	66,423	65,194	84,726	1,726,255,329	0.000049
Permian Basin	Texas	3494	CT4	96,541	195,319	135,204	1,726,255,329	0.000078
Permian Basin	Texas	3494	CT5	88,249	144,927	88,322	1,726,255,329	0.000051
Plant X	Texas	3485	111B	498,551	937,608	804,434	1,726,255,329	0.000466
Plant X	Texas	3485	112B	969,760	1,275,594	1,165,056	1,726,255,329	0.000675
Plant X	Texas	3485	113B	1,374,221	1,019,966	1,318,779	1,726,255,329	0.000764

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	62,938	62,938	101	101	143	150
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	62,938	62,938	104	104	180	176
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	62,938	62,938	85	85	172	122
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	62,938	62,938	88	88	140	139
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	62,938	62,938	88	88	140	113
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	62,938	62,938	99	99	57	53
Oyster Creek Unit VIII	Texas	54676	G81	62,938	62,938	141	141		107
Oyster Creek Unit VIII	Texas	54676	G82	62,938	62,938	141	141		107
Oyster Creek Unit VIII	Texas	54676	G83	62,938	62,938	141	141		107
Pampa Power Plant	Texas	7678	BL09A1	62,938	62,938				
Pampa Power Plant	Texas	7678	BL10A1	62,938	62,938				
Pampa Power Plant	Texas	7678	BL11A1	62,938	62,938				
Paris Energy Center	Texas	50109	HRSG1	62,938	62,938	55	55		
Paris Energy Center	Texas	50109	HRSG2	62,938	62,938	53	53		
Pasadena Power Plant	Texas	55047	CG-1	62,938	62,938	173	173	63	60
Pasadena Power Plant	Texas	55047	CG-2	62,938	62,938	132	132	58	65
Pasadena Power Plant	Texas	55047	CG-3	62,938	62,938	144	144	41	50
Permian Basin	Texas	3494	5	62,938	62,938	13	13	57	27
Permian Basin	Texas	3494	6	62,938	62,938	123	123	645	352
Permian Basin	Texas	3494	CT1	62,938	62,938	4	4		
Permian Basin	Texas	3494	CT2	62,938	62,938	5	5		
Permian Basin	Texas	3494	CT3	62,938	62,938	3	3		
Permian Basin	Texas	3494	CT4	62,938	62,938	5	5		
Permian Basin	Texas	3494	CT5	62,938	62,938	3	3		
Plant X	Texas	3485	111B	62,938	62,938	29	29	108	92
Plant X	Texas	3485	112B	62,938	62,938	42	42	64	69
Plant X	Texas	3485	113B	62,938	62,938	48	48	131	105

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	164	140	23	17	13	18
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	173	166	27	19	16	24
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	139	44	14	13	14	14
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	151	132	13	15	14	17
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	134	130	13	9	14	15
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	58	42	41	46	32	32
Oyster Creek Unit VIII	Texas	54676	G81	101		108			
Oyster Creek Unit VIII	Texas	54676	G82	101		108			
Oyster Creek Unit VIII	Texas	54676	G83	101		108			
Pampa Power Plant	Texas	7678	BL09A1						
Pampa Power Plant	Texas	7678	BL10A1						
Pampa Power Plant	Texas	7678	BL11A1						
Paris Energy Center	Texas	50109	HRSG1			94	91	106	43
Paris Energy Center	Texas	50109	HRSG2			74	97	95	75
Pasadena Power Plant	Texas	55047	CG-1	62	55	58	55	50	54
Pasadena Power Plant	Texas	55047	CG-2	61	56	48	53	81	40
Pasadena Power Plant	Texas	55047	CG-3	38	40	48	46	56	136
Permian Basin	Texas	3494	5	19	67	23	36	37	26
Permian Basin	Texas	3494	6	689	584	206	199	203	131
Permian Basin	Texas	3494	CT1				28	13	12
Permian Basin	Texas	3494	CT2				30	17	22
Permian Basin	Texas	3494	CT3				20	11	11
Permian Basin	Texas	3494	CT4				19	16	33
Permian Basin	Texas	3494	CT5				5	15	24
Plant X	Texas	3485	111B	28	97	122	36	73	142
Plant X	Texas	3485	112B	82	58	37	41	40	45
Plant X	Texas	3485	113B	149	126	102	70	116	63

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	164					
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	180					
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	172					
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	151					
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	140					
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	58					
Oyster Creek Unit VIII	Texas	54676	G81	108					
Oyster Creek Unit VIII	Texas	54676	G82	108					
Oyster Creek Unit VIII	Texas	54676	G83	108					
Pampa Power Plant	Texas	7678	BL09A1	0					
Pampa Power Plant	Texas	7678	BL10A1	0					
Pampa Power Plant	Texas	7678	BL11A1	0					
Paris Energy Center	Texas	50109	HRSG1	106					
Paris Energy Center	Texas	50109	HRSG2	97					
Pasadena Power Plant	Texas	55047	CG-1	63					
Pasadena Power Plant	Texas	55047	CG-2	81					
Pasadena Power Plant	Texas	55047	CG-3	136					
Permian Basin	Texas	3494	5	67					
Permian Basin	Texas	3494	6	689					
Permian Basin	Texas	3494	CT1	28					
Permian Basin	Texas	3494	CT2	30					
Permian Basin	Texas	3494	CT3	20					
Permian Basin	Texas	3494	CT4	33					
Permian Basin	Texas	3494	CT5	24					
Plant X	Texas	3485	111B	142					
Plant X	Texas	3485	112B	82					
Plant X	Texas	3485	113B	149					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101			147	147
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201			152	152
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301			123	123
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401			129	129
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501			128	128
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601			58	58
Oyster Creek Unit VIII	Texas	54676	G81			108	108
Oyster Creek Unit VIII	Texas	54676	G82			108	108
Oyster Creek Unit VIII	Texas	54676	G83			108	108
Pampa Power Plant	Texas	7678	BL09A1			0	0
Pampa Power Plant	Texas	7678	BL10A1			0	0
Pampa Power Plant	Texas	7678	BL11A1			0	0
Paris Energy Center	Texas	50109	HRSG1			80	80
Paris Energy Center	Texas	50109	HRSG2			77	77
Pasadena Power Plant	Texas	55047	CG-1			63	63
Pasadena Power Plant	Texas	55047	CG-2			81	81
Pasadena Power Plant	Texas	55047	CG-3			136	136
Permian Basin	Texas	3494	5			19	19
Permian Basin	Texas	3494	6			179	179
Permian Basin	Texas	3494	CT1			6	6
Permian Basin	Texas	3494	CT2			7	7
Permian Basin	Texas	3494	CT3			4	4
Permian Basin	Texas	3494	CT4			7	7
Permian Basin	Texas	3494	CT5			5	5
Plant X	Texas	3485	111B			43	43
Plant X	Texas	3485	112B			62	62
Plant X	Texas	3485	113B			70	70

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	147	147	147	147
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	152	152	152	152
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	123	123	123	123
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	129	129	129	129
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	128	128	128	128
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	58	58	58	58
Oyster Creek Unit VIII	Texas	54676	G81	108	108	108	108
Oyster Creek Unit VIII	Texas	54676	G82	108	108	108	108
Oyster Creek Unit VIII	Texas	54676	G83	108	108	108	108
Pampa Power Plant	Texas	7678	BL09A1	0	0	0	0
Pampa Power Plant	Texas	7678	BL10A1	0	0	0	0
Pampa Power Plant	Texas	7678	BL11A1	0	0	0	0
Paris Energy Center	Texas	50109	HRSG1	80	80	80	80
Paris Energy Center	Texas	50109	HRSG2	77	77	77	77
Pasadena Power Plant	Texas	55047	CG-1	63	63	63	63
Pasadena Power Plant	Texas	55047	CG-2	81	81	81	81
Pasadena Power Plant	Texas	55047	CG-3	136	136	136	136
Permian Basin	Texas	3494	5	19	19	19	19
Permian Basin	Texas	3494	6	179	179	179	179
Permian Basin	Texas	3494	CT1	6	6	6	6
Permian Basin	Texas	3494	CT2	7	7	7	7
Permian Basin	Texas	3494	CT3	4	4	4	4
Permian Basin	Texas	3494	CT4	7	7	7	7
Permian Basin	Texas	3494	CT5	5	5	5	5
Plant X	Texas	3485	111B	43	43	43	43
Plant X	Texas	3485	112B	62	62	62	62
Plant X	Texas	3485	113B	70	70	70	70

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Optim Energy Altura Cogen, LLC	Texas	50815	ENG101	Y		Y	Y		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG201	Y		Y	Y		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG301	Y		Y	Y		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG401	Y		Y	Y		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG501	Y		Y	Y		
Optim Energy Altura Cogen, LLC	Texas	50815	ENG601	Y		Y	Y		
Oyster Creek Unit VIII	Texas	54676	G81	Y		Y	Y	Y	
Oyster Creek Unit VIII	Texas	54676	G82	Y		Y	Y	Y	
Oyster Creek Unit VIII	Texas	54676	G83	Y		Y	Y	Y	
Pampa Power Plant	Texas	7678	BL09A1	Y		Y	Y		
Pampa Power Plant	Texas	7678	BL10A1	Y		Y	Y		
Pampa Power Plant	Texas	7678	BL11A1	Y		Y	Y		
Paris Energy Center	Texas	50109	HRSG1	Y		Y	Y		
Paris Energy Center	Texas	50109	HRSG2	Y		Y	Y		
Pasadena Power Plant	Texas	55047	CG-1	Y		Y	Y		
Pasadena Power Plant	Texas	55047	CG-2	Y		Y	Y		
Pasadena Power Plant	Texas	55047	CG-3	Y		Y	Y		
Permian Basin	Texas	3494	5	Y		Y	Y		
Permian Basin	Texas	3494	6	Y		Y	Y		
Permian Basin	Texas	3494	CT1	Y		Y	Y		
Permian Basin	Texas	3494	CT2	Y		Y	Y		
Permian Basin	Texas	3494	CT3	Y		Y	Y		
Permian Basin	Texas	3494	CT4	Y		Y	Y		
Permian Basin	Texas	3494	CT5	Y		Y	Y		
Plant X	Texas	3485	111B	Y		Y	Y		
Plant X	Texas	3485	112B	Y		Y	Y		
Plant X	Texas	3485	113B	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Plant X	Texas	3485	114B	2404	8,345,299	9,780,941	8,326,032	7,060,621	6,164,434
Port Neches Plant	Texas	54748	G1		3,830,107	3,992,061	3,871,959	3,926,238	
Power Lane Steam Plant	Texas	4195	2	2640	108,738	106,667	133,610	178,623	158,258
Power Lane Steam Plant	Texas	4195	3	2641	353,953	37,961	279,083	466,902	333,833
Quail Run Energy Center	Texas	56349	CT1A	89698		1,315,097	2,547,519	2,487,104	1,648,528
Quail Run Energy Center	Texas	56349	CT1B	89699		1,265,678	2,616,144	2,278,348	1,437,411
Quail Run Energy Center	Texas	56349	CT2A	4575			1,825,800	2,438,283	1,839,778
Quail Run Energy Center	Texas	56349	CT2B	4576			1,867,861	2,387,023	1,732,108
R W Miller	Texas	3628	**4	2491	1,225,238	303,205	561,266	373,254	365,018
R W Miller	Texas	3628	**5	2492	1,045,319	503,222	1,003,695	668,197	250,949
R W Miller	Texas	3628	1	2493	868,069	93,760	524,163	324,240	260,667
R W Miller	Texas	3628	2	2494	1,476,116	583,543	1,403,889	1,380,067	1,268,011
R W Miller	Texas	3628	3	2495	4,470,014	2,442,167	3,246,030	3,888,238	2,464,807
Ray Olinger	Texas	3576	BW2	2464	2,340,459	1,930,978	738,771	558,932	542,195
Ray Olinger	Texas	3576	BW3	2465	1,379,175	769,405	561,125	745,772	647,085
Ray Olinger	Texas	3576	CE1	2466	1,642,727	506,679	96,043	180,746	137,718
Ray Olinger	Texas	3576	GE4	2467	542,022	244,108	131,961	134,572	130,066
Rio Nogales Power Project, LP	Texas	55137	CTG-1	3975	9,935,821	6,716,718	7,590,781	5,573,228	5,904,503
Rio Nogales Power Project, LP	Texas	55137	CTG-2	3976	10,206,575	6,348,482	6,952,145	5,750,961	5,075,363
Rio Nogales Power Project, LP	Texas	55137	CTG-3	3977	8,657,471	5,726,171	6,406,221	5,963,670	4,969,066
Roland C. Dansby Power Plant	Texas	6243	1	2860	3,306,228	3,087,966	1,454,408	839,567	844,070
Roland C. Dansby Power Plant	Texas	6243	2	89412	870,347	514,978	522,941	307,390	305,215
SRW Cogen Limited Partnership	Texas	55120	CTG-1	3945	9,313,178	12,225,362	8,830,356	9,180,223	14,117,638
SRW Cogen Limited Partnership	Texas	55120	CTG-2	3946	10,521,648	14,872,767	8,915,437	12,836,361	9,452,397
Sabine	Texas	3459	1	2338	5,580,173	6,269,727	4,755,623	5,313,984	7,926,787
Sabine	Texas	3459	2	2339	5,601,208	5,487,299	5,247,079	6,341,518	5,144,163
Sabine	Texas	3459	3	2340	14,245,693	13,714,658	6,061,882	11,101,757	11,598,390

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Plant X	Texas	3485	114B	8,817,424	3,511,906,933	0.002511	279,747	279,747
Port Neches Plant	Texas	54748	G1	3,930,086	3,511,906,933	0.001119	279,747	279,747
Power Lane Steam Plant	Texas	4195	2	156,830	3,511,906,933	0.000045	279,747	279,747
Power Lane Steam Plant	Texas	4195	3	384,896	3,511,906,933	0.000110	279,747	279,747
Quail Run Energy Center	Texas	56349	CT1A	2,227,717	3,511,906,933	0.000634	279,747	279,747
Quail Run Energy Center	Texas	56349	CT1B	2,110,634	3,511,906,933	0.000601	279,747	279,747
Quail Run Energy Center	Texas	56349	CT2A	2,034,620	3,511,906,933	0.000579	279,747	279,747
Quail Run Energy Center	Texas	56349	CT2B	1,995,664	3,511,906,933	0.000568	279,747	279,747
R W Miller	Texas	3628	**4	719,919	3,511,906,933	0.000205	279,747	279,747
R W Miller	Texas	3628	**5	905,737	3,511,906,933	0.000258	279,747	279,747
R W Miller	Texas	3628	1	572,157	3,511,906,933	0.000163	279,747	279,747
R W Miller	Texas	3628	2	1,420,024	3,511,906,933	0.000404	279,747	279,747
R W Miller	Texas	3628	3	3,868,094	3,511,906,933	0.001101	279,747	279,747
Ray Olinger	Texas	3576	BW2	1,670,069	3,511,906,933	0.000476	279,747	279,747
Ray Olinger	Texas	3576	BW3	964,784	3,511,906,933	0.000275	279,747	279,747
Ray Olinger	Texas	3576	CE1	776,718	3,511,906,933	0.000221	279,747	279,747
Ray Olinger	Texas	3576	GE4	306,901	3,511,906,933	0.000087	279,747	279,747
Rio Nogales Power Project, LP	Texas	55137	CTG-1	8,081,107	3,511,906,933	0.002301	279,747	279,747
Rio Nogales Power Project, LP	Texas	55137	CTG-2	7,835,734	3,511,906,933	0.002231	279,747	279,747
Rio Nogales Power Project, LP	Texas	55137	CTG-3	7,009,121	3,511,906,933	0.001996	279,747	279,747
Roland C. Dansby Power Plant	Texas	6243	1	2,616,201	3,511,906,933	0.000745	279,747	279,747
Roland C. Dansby Power Plant	Texas	6243	2	636,089	3,511,906,933	0.000181	279,747	279,747
SRW Cogen Limited Partnership	Texas	55120	CTG-1	11,885,393	3,511,906,933	0.003384	279,747	279,747
SRW Cogen Limited Partnership	Texas	55120	CTG-2	12,743,592	3,511,906,933	0.003629	279,747	279,747
Sabine	Texas	3459	1	6,592,229	3,511,906,933	0.001877	279,747	279,747
Sabine	Texas	3459	2	5,810,009	3,511,906,933	0.001654	279,747	279,747
Sabine	Texas	3459	3	13,186,247	3,511,906,933	0.003755	279,747	279,747

Step 6									
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Plant X	Texas	3485	114B	132,193	132,193	702	702	332	332
Port Neches Plant	Texas	54748	G1	132,193	132,193	313	313	148	148
Power Lane Steam Plant	Texas	4195	2	132,193	132,193	12	12	6	6
Power Lane Steam Plant	Texas	4195	3	132,193	132,193	31	31	14	14
Quail Run Energy Center	Texas	56349	CT1A	132,193	132,193	177	177	84	84
Quail Run Energy Center	Texas	56349	CT1B	132,193	132,193	168	168	79	79
Quail Run Energy Center	Texas	56349	CT2A	132,193	132,193	162	162	77	77
Quail Run Energy Center	Texas	56349	CT2B	132,193	132,193	159	159	75	75
R W Miller	Texas	3628	**4	132,193	132,193	57	57	27	27
R W Miller	Texas	3628	**5	132,193	132,193	72	72	34	34
R W Miller	Texas	3628	1	132,193	132,193	46	46	22	22
R W Miller	Texas	3628	2	132,193	132,193	113	113	53	53
R W Miller	Texas	3628	3	132,193	132,193	308	308	146	146
Ray Olinger	Texas	3576	BW2	132,193	132,193	133	133	63	63
Ray Olinger	Texas	3576	BW3	132,193	132,193	77	77	36	36
Ray Olinger	Texas	3576	CE1	132,193	132,193	62	62	29	29
Ray Olinger	Texas	3576	GE4	132,193	132,193	24	24	12	12
Rio Nogales Power Project, LP	Texas	55137	CTG-1	132,193	132,193	644	644	304	304
Rio Nogales Power Project, LP	Texas	55137	CTG-2	132,193	132,193	624	624	295	295
Rio Nogales Power Project, LP	Texas	55137	CTG-3	132,193	132,193	558	558	264	264
Roland C. Dansby Power Plant	Texas	6243	1	132,193	132,193	208	208	98	98
Roland C. Dansby Power Plant	Texas	6243	2	132,193	132,193	51	51	24	24
SRW Cogen Limited Partnership	Texas	55120	CTG-1	132,193	132,193	947	947	447	447
SRW Cogen Limited Partnership	Texas	55120	CTG-2	132,193	132,193	1,015	1,015	480	480
Sabine	Texas	3459	1	132,193	132,193	525	525	248	248
Sabine	Texas	3459	2	132,193	132,193	463	463	219	219
Sabine	Texas	3459	3	132,193	132,193	1,050	1,050	496	496

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Plant X	Texas	3485	114B	2	3	2	3	3
Port Neches Plant	Texas	54748	G1		7	6		7
Power Lane Steam Plant	Texas	4195	2	0	0	0	0	0
Power Lane Steam Plant	Texas	4195	3	0	0	0	0	0
Quail Run Energy Center	Texas	56349	CT1A					0
Quail Run Energy Center	Texas	56349	CT1B					0
Quail Run Energy Center	Texas	56349	CT2A	0				
Quail Run Energy Center	Texas	56349	CT2B	0				
R W Miller	Texas	3628	**4	0	0	0	0	0
R W Miller	Texas	3628	**5	0	0	0	0	0
R W Miller	Texas	3628	1	0	0	0	0	0
R W Miller	Texas	3628	2	2	0	1	0	0
R W Miller	Texas	3628	3	6	1	2	2	1
Ray Olinger	Texas	3576	BW2	3	1	1	1	2
Ray Olinger	Texas	3576	BW3	1	1	1	0	0
Ray Olinger	Texas	3576	CE1	0	1	0	0	1
Ray Olinger	Texas	3576	GE4	0	0	0	0	0
Rio Nogales Power Project, LP	Texas	55137	CTG-1	1	1	2	3	2
Rio Nogales Power Project, LP	Texas	55137	CTG-2	1	1	2	3	2
Rio Nogales Power Project, LP	Texas	55137	CTG-3	1	1	2	3	2
Roland C. Dansby Power Plant	Texas	6243	1	3	1	1	1	1
Roland C. Dansby Power Plant	Texas	6243	2		0	0	0	0
SRW Cogen Limited Partnership	Texas	55120	CTG-1	4	4	4	3	4
SRW Cogen Limited Partnership	Texas	55120	CTG-2	4	3	3	3	5
Sabine	Texas	3459	1	1	2	2	2	2
Sabine	Texas	3459	2	3	2	2	2	2
Sabine	Texas	3459	3	4	4	3	4	4

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Plant X	Texas	3485	114B	3	2	2	3		
Port Neches Plant	Texas	54748	G1				7		
Power Lane Steam Plant	Texas	4195	2	0	0	0	0		
Power Lane Steam Plant	Texas	4195	3	0	0	0	0		
Quail Run Energy Center	Texas	56349	CT1A	1	1	0	1		
Quail Run Energy Center	Texas	56349	CT1B	1	1	0	1		
Quail Run Energy Center	Texas	56349	CT2A	1	1	1	1		
Quail Run Energy Center	Texas	56349	CT2B	1	1	1	1		
R W Miller	Texas	3628	**4	0	0	0	0		
R W Miller	Texas	3628	**5	0	0	0	0		
R W Miller	Texas	3628	1	0	0	0	0		
R W Miller	Texas	3628	2	0	0	0	2		
R W Miller	Texas	3628	3	1	1	1	6		
Ray Olinger	Texas	3576	BW2	0	0	0	3		
Ray Olinger	Texas	3576	BW3	0	0	0	1		
Ray Olinger	Texas	3576	CE1	0	0	0	1		
Ray Olinger	Texas	3576	GE4	0	0	0	0		
Rio Nogales Power Project, LP	Texas	55137	CTG-1	2	2	2	3		
Rio Nogales Power Project, LP	Texas	55137	CTG-2	2	2	2	3		
Rio Nogales Power Project, LP	Texas	55137	CTG-3	2	2	1	3		
Roland C. Dansby Power Plant	Texas	6243	1	0	0	0	3		
Roland C. Dansby Power Plant	Texas	6243	2	0	0	0	0		
SRW Cogen Limited Partnership	Texas	55120	CTG-1	3	3	4	4		
SRW Cogen Limited Partnership	Texas	55120	CTG-2	3	4	3	5		
Sabine	Texas	3459	1	1	2	2	2		
Sabine	Texas	3459	2	2	2	2	3		
Sabine	Texas	3459	3	2	3	3	4		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Plant X	Texas	3485	114B					673	714
Port Neches Plant	Texas	54748	G1						200
Power Lane Steam Plant	Texas	4195	2					4	1
Power Lane Steam Plant	Texas	4195	3					3	4
Quail Run Energy Center	Texas	56349	CT1A						
Quail Run Energy Center	Texas	56349	CT1B						
Quail Run Energy Center	Texas	56349	CT2A					0	
Quail Run Energy Center	Texas	56349	CT2B					0	
R W Miller	Texas	3628	**4					19	15
R W Miller	Texas	3628	**5					20	15
R W Miller	Texas	3628	1					4	19
R W Miller	Texas	3628	2					79	55
R W Miller	Texas	3628	3					204	147
Ray Olinger	Texas	3576	BW2					123	107
Ray Olinger	Texas	3576	BW3					180	103
Ray Olinger	Texas	3576	CE1					44	41
Ray Olinger	Texas	3576	GE4					7	5
Rio Nogales Power Project, LP	Texas	55137	CTG-1					79	76
Rio Nogales Power Project, LP	Texas	55137	CTG-2					155	82
Rio Nogales Power Project, LP	Texas	55137	CTG-3					69	69
Roland C. Dansby Power Plant	Texas	6243	1					147	193
Roland C. Dansby Power Plant	Texas	6243	2						2
SRW Cogen Limited Partnership	Texas	55120	CTG-1					122	108
SRW Cogen Limited Partnership	Texas	55120	CTG-2					147	96
Sabine	Texas	3459	1					296	490
Sabine	Texas	3459	2					557	505
Sabine	Texas	3459	3					476	447

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Plant X	Texas	3485	114B	490	521	596	472	360
Port Neches Plant	Texas	54748	G1	161		184		
Power Lane Steam Plant	Texas	4195	2	22	13	11	17	21
Power Lane Steam Plant	Texas	4195	3	29	23	2	16	27
Quail Run Energy Center	Texas	56349	CT1A			14	24	23
Quail Run Energy Center	Texas	56349	CT1B			12	22	20
Quail Run Energy Center	Texas	56349	CT2A				19	23
Quail Run Energy Center	Texas	56349	CT2B				16	19
R W Miller	Texas	3628	**4	41	38	11	22	18
R W Miller	Texas	3628	**5	56	36	18	38	30
R W Miller	Texas	3628	1	132	85	8	48	33
R W Miller	Texas	3628	2	285	199	59	167	194
R W Miller	Texas	3628	3	214	239	121	156	205
Ray Olinger	Texas	3576	BW2	74	61	52	19	15
Ray Olinger	Texas	3576	BW3	66	36	19	14	19
Ray Olinger	Texas	3576	CE1	38	43	13	3	4
Ray Olinger	Texas	3576	GE4	8	7	4	2	2
Rio Nogales Power Project, LP	Texas	55137	CTG-1	123	124	113	125	77
Rio Nogales Power Project, LP	Texas	55137	CTG-2	113	132	93	104	80
Rio Nogales Power Project, LP	Texas	55137	CTG-3	108	114	87	103	85
Roland C. Dansby Power Plant	Texas	6243	1	311	174	160	66	43
Roland C. Dansby Power Plant	Texas	6243	2	5	5	4	4	2
SRW Cogen Limited Partnership	Texas	55120	CTG-1	83	60	93	67	62
SRW Cogen Limited Partnership	Texas	55120	CTG-2	94	87	124	74	85
Sabine	Texas	3459	1	534	423	563	419	447
Sabine	Texas	3459	2	529	325	324	364	483
Sabine	Texas	3459	3	424	567	568	299	577

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Plant X	Texas	3485	114B	323	714				
Port Neches Plant	Texas	54748	G1		200				
Power Lane Steam Plant	Texas	4195	2	19	22				
Power Lane Steam Plant	Texas	4195	3	19	29				
Quail Run Energy Center	Texas	56349	CT1A	16	24				
Quail Run Energy Center	Texas	56349	CT1B	12	22				
Quail Run Energy Center	Texas	56349	CT2A	18	23				
Quail Run Energy Center	Texas	56349	CT2B	16	19				
R W Miller	Texas	3628	**4	16	41				
R W Miller	Texas	3628	**5	11	56				
R W Miller	Texas	3628	1	27	132				
R W Miller	Texas	3628	2	166	285				
R W Miller	Texas	3628	3	120	239				
Ray Olinger	Texas	3576	BW2	14	123				
Ray Olinger	Texas	3576	BW3	15	180				
Ray Olinger	Texas	3576	CE1	4	44				
Ray Olinger	Texas	3576	GE4	2	8				
Rio Nogales Power Project, LP	Texas	55137	CTG-1	85	125				
Rio Nogales Power Project, LP	Texas	55137	CTG-2	75	155				
Rio Nogales Power Project, LP	Texas	55137	CTG-3	73	114				
Roland C. Dansby Power Plant	Texas	6243	1	35	311				
Roland C. Dansby Power Plant	Texas	6243	2	2	5				
SRW Cogen Limited Partnership	Texas	55120	CTG-1	91	122				
SRW Cogen Limited Partnership	Texas	55120	CTG-2	61	147				
Sabine	Texas	3459	1	614	614				
Sabine	Texas	3459	2	408	557				
Sabine	Texas	3459	3	572	577				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Plant X	Texas	3485	114B				
Port Neches Plant	Texas	54748	G1				
Power Lane Steam Plant	Texas	4195	2				
Power Lane Steam Plant	Texas	4195	3				
Quail Run Energy Center	Texas	56349	CT1A				
Quail Run Energy Center	Texas	56349	CT1B				
Quail Run Energy Center	Texas	56349	CT2A				
Quail Run Energy Center	Texas	56349	CT2B				
R W Miller	Texas	3628	**4				
R W Miller	Texas	3628	**5				
R W Miller	Texas	3628	1				
R W Miller	Texas	3628	2				
R W Miller	Texas	3628	3				
Ray Olinger	Texas	3576	BW2				
Ray Olinger	Texas	3576	BW3				
Ray Olinger	Texas	3576	CE1				
Ray Olinger	Texas	3576	GE4				
Rio Nogales Power Project, LP	Texas	55137	CTG-1				
Rio Nogales Power Project, LP	Texas	55137	CTG-2				
Rio Nogales Power Project, LP	Texas	55137	CTG-3				
Roland C. Dansby Power Plant	Texas	6243	1				
Roland C. Dansby Power Plant	Texas	6243	2				
SRW Cogen Limited Partnership	Texas	55120	CTG-1				
SRW Cogen Limited Partnership	Texas	55120	CTG-2				
Sabine	Texas	3459	1				
Sabine	Texas	3459	2				
Sabine	Texas	3459	3				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Plant X	Texas	3485	114B				
Port Neches Plant	Texas	54748	G1				
Power Lane Steam Plant	Texas	4195	2				
Power Lane Steam Plant	Texas	4195	3				
Quail Run Energy Center	Texas	56349	CT1A				
Quail Run Energy Center	Texas	56349	CT1B				
Quail Run Energy Center	Texas	56349	CT2A				
Quail Run Energy Center	Texas	56349	CT2B				
R W Miller	Texas	3628	**4				
R W Miller	Texas	3628	**5				
R W Miller	Texas	3628	1				
R W Miller	Texas	3628	2				
R W Miller	Texas	3628	3				
Ray Olinger	Texas	3576	BW2				
Ray Olinger	Texas	3576	BW3				
Ray Olinger	Texas	3576	CE1				
Ray Olinger	Texas	3576	GE4				
Rio Nogales Power Project, LP	Texas	55137	CTG-1				
Rio Nogales Power Project, LP	Texas	55137	CTG-2				
Rio Nogales Power Project, LP	Texas	55137	CTG-3				
Roland C. Dansby Power Plant	Texas	6243	1				
Roland C. Dansby Power Plant	Texas	6243	2				
SRW Cogen Limited Partnership	Texas	55120	CTG-1				
SRW Cogen Limited Partnership	Texas	55120	CTG-2				
Sabine	Texas	3459	1				
Sabine	Texas	3459	2				
Sabine	Texas	3459	3				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Plant X	Texas	3485	114B	466	466	466	466
Port Neches Plant	Texas	54748	G1	200	200	200	200
Power Lane Steam Plant	Texas	4195	2	8	8	8	8
Power Lane Steam Plant	Texas	4195	3	20	20	20	20
Quail Run Energy Center	Texas	56349	CT1A	24	24	24	24
Quail Run Energy Center	Texas	56349	CT1B	22	22	22	22
Quail Run Energy Center	Texas	56349	CT2A	23	23	23	23
Quail Run Energy Center	Texas	56349	CT2B	19	19	19	19
R W Miller	Texas	3628	**4	38	38	38	38
R W Miller	Texas	3628	**5	48	48	48	48
R W Miller	Texas	3628	1	30	30	30	30
R W Miller	Texas	3628	2	75	75	75	75
R W Miller	Texas	3628	3	204	204	204	204
Ray Olinger	Texas	3576	BW2	88	88	88	88
Ray Olinger	Texas	3576	BW3	51	51	51	51
Ray Olinger	Texas	3576	CE1	41	41	41	41
Ray Olinger	Texas	3576	GE4	8	8	8	8
Rio Nogales Power Project, LP	Texas	55137	CTG-1	125	125	125	125
Rio Nogales Power Project, LP	Texas	55137	CTG-2	155	155	155	155
Rio Nogales Power Project, LP	Texas	55137	CTG-3	114	114	114	114
Roland C. Dansby Power Plant	Texas	6243	1	138	138	138	138
Roland C. Dansby Power Plant	Texas	6243	2	5	5	5	5
SRW Cogen Limited Partnership	Texas	55120	CTG-1	122	122	122	122
SRW Cogen Limited Partnership	Texas	55120	CTG-2	147	147	147	147
Sabine	Texas	3459	1	348	348	348	348
Sabine	Texas	3459	2	307	307	307	307
Sabine	Texas	3459	3	577	577	577	577

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)		
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Plant X	Texas	3485	114B	466	466	4,518,965	4,498,903	3,743,479
Port Neches Plant	Texas	54748	G1	200	200	1,763,846	1,957,371	1,976,468
Power Lane Steam Plant	Texas	4195	2	8	8	88,427	65,106	98,643
Power Lane Steam Plant	Texas	4195	3	20	20	286,220	25,269	172,423
Quail Run Energy Center	Texas	56349	CT1A	24	24		906,274	1,477,795
Quail Run Energy Center	Texas	56349	CT1B	22	22		901,521	1,455,744
Quail Run Energy Center	Texas	56349	CT2A	23	23			1,434,833
Quail Run Energy Center	Texas	56349	CT2B	19	19			1,458,715
R W Miller	Texas	3628	**4	38	38	937,607	198,437	428,264
R W Miller	Texas	3628	**5	48	48	629,108	309,633	710,356
R W Miller	Texas	3628	1	30	30	787,990	84,027	515,204
R W Miller	Texas	3628	2	75	75	1,462,999	449,683	1,311,149
R W Miller	Texas	3628	3	204	204	3,270,036	1,738,854	2,695,027
Ray Olinger	Texas	3576	BW2	88	88	1,235,946	946,372	629,442
Ray Olinger	Texas	3576	BW3	51	51	1,172,699	768,404	501,175
Ray Olinger	Texas	3576	CE1	41	41	1,191,758	249,815	95,743
Ray Olinger	Texas	3576	GE4	8	8	435,788	186,398	73,024
Rio Nogales Power Project, LP	Texas	55137	CTG-1	125	125	5,049,624	4,183,041	4,400,504
Rio Nogales Power Project, LP	Texas	55137	CTG-2	155	155	5,233,152	3,974,890	4,214,115
Rio Nogales Power Project, LP	Texas	55137	CTG-3	114	114	4,823,740	3,529,013	4,055,729
Roland C. Dansby Power Plant	Texas	6243	1	138	138	1,626,635	1,399,948	1,285,956
Roland C. Dansby Power Plant	Texas	6243	2	5	5	635,918	413,273	224,583
SRW Cogen Limited Partnership	Texas	55120	CTG-1	122	122	2,234,287	4,024,123	3,358,948
SRW Cogen Limited Partnership	Texas	55120	CTG-2	147	147	4,686,735	5,768,270	3,505,461
Sabine	Texas	3459	1	348	348	2,826,749	3,007,962	2,750,062
Sabine	Texas	3459	2	307	307	2,837,088	3,445,839	3,178,194
Sabine	Texas	3459	3	577	577	7,247,577	6,502,694	3,423,009

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Plant X	Texas	3485	114B	3,153,088	3,389,757	4,253,783	1,726,255,329	0.002464
Port Neches Plant	Texas	54748	G1	2,107,456		2,013,765	1,726,255,329	0.001167
Power Lane Steam Plant	Texas	4195	2	102,703	121,623	107,656	1,726,255,329	0.000062
Power Lane Steam Plant	Texas	4195	3	265,681	255,911	269,270	1,726,255,329	0.000156
Quail Run Energy Center	Texas	56349	CT1A	1,844,786	1,290,964	1,537,849	1,726,255,329	0.000891
Quail Run Energy Center	Texas	56349	CT1B	1,665,027	1,184,067	1,434,946	1,726,255,329	0.000831
Quail Run Energy Center	Texas	56349	CT2A	1,706,421	1,466,669	1,535,975	1,726,255,329	0.000890
Quail Run Energy Center	Texas	56349	CT2B	1,653,944	1,399,346	1,504,002	1,726,255,329	0.000871
R W Miller	Texas	3628	**4	233,055	317,214	561,028	1,726,255,329	0.000325
R W Miller	Texas	3628	**5	274,379	159,550	549,699	1,726,255,329	0.000318
R W Miller	Texas	3628	1	317,535	245,468	540,243	1,726,255,329	0.000313
R W Miller	Texas	3628	2	1,220,271	1,114,964	1,331,473	1,726,255,329	0.000771
R W Miller	Texas	3628	3	2,306,570	2,251,561	2,757,211	1,726,255,329	0.001597
Ray Olinger	Texas	3576	BW2	555,146	519,526	937,253	1,726,255,329	0.000543
Ray Olinger	Texas	3576	BW3	654,795	641,993	865,299	1,726,255,329	0.000501
Ray Olinger	Texas	3576	CE1	180,746	137,718	540,773	1,726,255,329	0.000313
Ray Olinger	Texas	3576	GE4	118,861	116,100	247,016	1,726,255,329	0.000143
Rio Nogales Power Project, LP	Texas	55137	CTG-1	4,064,050	4,109,734	4,544,389	1,726,255,329	0.002633
Rio Nogales Power Project, LP	Texas	55137	CTG-2	4,494,060	3,445,485	4,647,109	1,726,255,329	0.002692
Rio Nogales Power Project, LP	Texas	55137	CTG-3	4,535,875	3,362,648	4,471,781	1,726,255,329	0.002590
Roland C. Dansby Power Plant	Texas	6243	1	757,332	798,994	1,437,513	1,726,255,329	0.000833
Roland C. Dansby Power Plant	Texas	6243	2	178,793	174,615	424,591	1,726,255,329	0.000246
SRW Cogen Limited Partnership	Texas	55120	CTG-1	5,371,413	5,653,326	5,016,287	1,726,255,329	0.002906
SRW Cogen Limited Partnership	Texas	55120	CTG-2	5,480,185	1,123,707	5,311,730	1,726,255,329	0.003077
Sabine	Texas	3459	1	3,092,604	4,155,609	3,418,725	1,726,255,329	0.001980
Sabine	Texas	3459	2	3,555,231	4,096,296	3,699,122	1,726,255,329	0.002143
Sabine	Texas	3459	3	4,270,919	6,391,484	6,713,918	1,726,255,329	0.003889

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Plant X	Texas	3485	114B	62,938	62,938	155	155	394	323
Port Neches Plant	Texas	54748	G1	62,938	62,938	73	73		86
Power Lane Steam Plant	Texas	4195	2	62,938	62,938	4	4	1	0
Power Lane Steam Plant	Texas	4195	3	62,938	62,938	10	10	2	2
Quail Run Energy Center	Texas	56349	CT1A	62,938	62,938	56	56		
Quail Run Energy Center	Texas	56349	CT1B	62,938	62,938	52	52		
Quail Run Energy Center	Texas	56349	CT2A	62,938	62,938	56	56	0	
Quail Run Energy Center	Texas	56349	CT2B	62,938	62,938	55	55	0	
R W Miller	Texas	3628	**4	62,938	62,938	20	20	10	5
R W Miller	Texas	3628	**5	62,938	62,938	20	20	10	4
R W Miller	Texas	3628	1	62,938	62,938	20	20	2	3
R W Miller	Texas	3628	2	62,938	62,938	49	49	11	26
R W Miller	Texas	3628	3	62,938	62,938	101	101	105	60
Ray Olinger	Texas	3576	BW2	62,938	62,938	34	34	35	57
Ray Olinger	Texas	3576	BW3	62,938	62,938	32	32	89	36
Ray Olinger	Texas	3576	CE1	62,938	62,938	20	20	23	21
Ray Olinger	Texas	3576	GE4	62,938	62,938	9	9	4	3
Rio Nogales Power Project, LP	Texas	55137	CTG-1	62,938	62,938	166	166	67	49
Rio Nogales Power Project, LP	Texas	55137	CTG-2	62,938	62,938	169	169	143	47
Rio Nogales Power Project, LP	Texas	55137	CTG-3	62,938	62,938	163	163	57	45
Roland C. Dansby Power Plant	Texas	6243	1	62,938	62,938	52	52	60	103
Roland C. Dansby Power Plant	Texas	6243	2	62,938	62,938	15	15		1
SRW Cogen Limited Partnership	Texas	55120	CTG-1	62,938	62,938	183	183	50	45
SRW Cogen Limited Partnership	Texas	55120	CTG-2	62,938	62,938	194	194	70	41
Sabine	Texas	3459	1	62,938	62,938	125	125	120	244
Sabine	Texas	3459	2	62,938	62,938	135	135	211	284
Sabine	Texas	3459	3	62,938	62,938	245	245	219	196

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Plant X	Texas	3485	114B	234	266	295	217	169	189
Port Neches Plant	Texas	54748	G1	83		90			
Power Lane Steam Plant	Texas	4195	2	21	11	8	13	13	15
Power Lane Steam Plant	Texas	4195	3	25	18	1	9	15	15
Quail Run Energy Center	Texas	56349	CT1A			10	13	16	12
Quail Run Energy Center	Texas	56349	CT1B			9	12	15	10
Quail Run Energy Center	Texas	56349	CT2A				14	16	14
Quail Run Energy Center	Texas	56349	CT2B				12	14	12
R W Miller	Texas	3628	**4	28	29	7	16	11	14
R W Miller	Texas	3628	**5	29	22	10	26	13	7
R W Miller	Texas	3628	1	84	77	7	47	32	26
R W Miller	Texas	3628	2	223	198	48	155	171	149
R W Miller	Texas	3628	3	129	172	84	126	114	108
Ray Olinger	Texas	3576	BW2	41	34	25	17	14	13
Ray Olinger	Texas	3576	BW3	32	31	19	12	17	15
Ray Olinger	Texas	3576	CE1	22	31	7	3	4	4
Ray Olinger	Texas	3576	GE4	6	5	2	1	2	2
Rio Nogales Power Project, LP	Texas	55137	CTG-1	66	59	68	70	55	58
Rio Nogales Power Project, LP	Texas	55137	CTG-2	60	65	58	61	62	50
Rio Nogales Power Project, LP	Texas	55137	CTG-3	63	59	52	64	63	48
Roland C. Dansby Power Plant	Texas	6243	1	195	84	69	57	38	33
Roland C. Dansby Power Plant	Texas	6243	2	4	3	3	2	1	1
SRW Cogen Limited Partnership	Texas	55120	CTG-1	25	15	32	26	38	39
SRW Cogen Limited Partnership	Texas	55120	CTG-2	49	42	50	29	37	8
Sabine	Texas	3459	1	233	232	272	238	251	312
Sabine	Texas	3459	2	199	166	206	209	249	313
Sabine	Texas	3459	3	235	279	244	181	197	258

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Plant X	Texas	3485	114B	394					
Port Neches Plant	Texas	54748	G1	90					
Power Lane Steam Plant	Texas	4195	2	21					
Power Lane Steam Plant	Texas	4195	3	25					
Quail Run Energy Center	Texas	56349	CT1A	16					
Quail Run Energy Center	Texas	56349	CT1B	15					
Quail Run Energy Center	Texas	56349	CT2A	16					
Quail Run Energy Center	Texas	56349	CT2B	14					
R W Miller	Texas	3628	**4	29					
R W Miller	Texas	3628	**5	29					
R W Miller	Texas	3628	1	84					
R W Miller	Texas	3628	2	223					
R W Miller	Texas	3628	3	172					
Ray Olinger	Texas	3576	BW2	57					
Ray Olinger	Texas	3576	BW3	89					
Ray Olinger	Texas	3576	CE1	31					
Ray Olinger	Texas	3576	GE4	6					
Rio Nogales Power Project, LP	Texas	55137	CTG-1	70					
Rio Nogales Power Project, LP	Texas	55137	CTG-2	143					
Rio Nogales Power Project, LP	Texas	55137	CTG-3	64					
Roland C. Dansby Power Plant	Texas	6243	1	195					
Roland C. Dansby Power Plant	Texas	6243	2	4					
SRW Cogen Limited Partnership	Texas	55120	CTG-1	50					
SRW Cogen Limited Partnership	Texas	55120	CTG-2	70					
Sabine	Texas	3459	1	312					
Sabine	Texas	3459	2	313					
Sabine	Texas	3459	3	279					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Plant X	Texas	3485	114B			226	226
Port Neches Plant	Texas	54748	G1			90	90
Power Lane Steam Plant	Texas	4195	2			6	6
Power Lane Steam Plant	Texas	4195	3			14	14
Quail Run Energy Center	Texas	56349	CT1A			16	16
Quail Run Energy Center	Texas	56349	CT1B			15	15
Quail Run Energy Center	Texas	56349	CT2A			16	16
Quail Run Energy Center	Texas	56349	CT2B			14	14
R W Miller	Texas	3628	**4			29	29
R W Miller	Texas	3628	**5			29	29
R W Miller	Texas	3628	1			29	29
R W Miller	Texas	3628	2			71	71
R W Miller	Texas	3628	3			146	146
Ray Olinger	Texas	3576	BW2			50	50
Ray Olinger	Texas	3576	BW3			46	46
Ray Olinger	Texas	3576	CE1			29	29
Ray Olinger	Texas	3576	GE4			6	6
Rio Nogales Power Project, LP	Texas	55137	CTG-1			70	70
Rio Nogales Power Project, LP	Texas	55137	CTG-2			143	143
Rio Nogales Power Project, LP	Texas	55137	CTG-3			64	64
Roland C. Dansby Power Plant	Texas	6243	1			76	76
Roland C. Dansby Power Plant	Texas	6243	2			4	4
SRW Cogen Limited Partnership	Texas	55120	CTG-1			50	50
SRW Cogen Limited Partnership	Texas	55120	CTG-2			70	70
Sabine	Texas	3459	1			181	181
Sabine	Texas	3459	2			196	196
Sabine	Texas	3459	3			279	279

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Plant X	Texas	3485	114B	226	226	226	226
Port Neches Plant	Texas	54748	G1	90	90	90	90
Power Lane Steam Plant	Texas	4195	2	6	6	6	6
Power Lane Steam Plant	Texas	4195	3	14	14	14	14
Quail Run Energy Center	Texas	56349	CT1A	16	16	16	16
Quail Run Energy Center	Texas	56349	CT1B	15	15	15	15
Quail Run Energy Center	Texas	56349	CT2A	16	16	16	16
Quail Run Energy Center	Texas	56349	CT2B	14	14	14	14
R W Miller	Texas	3628	**4	29	29	29	29
R W Miller	Texas	3628	**5	29	29	29	29
R W Miller	Texas	3628	1	29	29	29	29
R W Miller	Texas	3628	2	71	71	71	71
R W Miller	Texas	3628	3	146	146	146	146
Ray Olinger	Texas	3576	BW2	50	50	50	50
Ray Olinger	Texas	3576	BW3	46	46	46	46
Ray Olinger	Texas	3576	CE1	29	29	29	29
Ray Olinger	Texas	3576	GE4	6	6	6	6
Rio Nogales Power Project, LP	Texas	55137	CTG-1	70	70	70	70
Rio Nogales Power Project, LP	Texas	55137	CTG-2	143	143	143	143
Rio Nogales Power Project, LP	Texas	55137	CTG-3	64	64	64	64
Roland C. Dansby Power Plant	Texas	6243	1	76	76	76	76
Roland C. Dansby Power Plant	Texas	6243	2	4	4	4	4
SRW Cogen Limited Partnership	Texas	55120	CTG-1	50	50	50	50
SRW Cogen Limited Partnership	Texas	55120	CTG-2	70	70	70	70
Sabine	Texas	3459	1	181	181	181	181
Sabine	Texas	3459	2	196	196	196	196
Sabine	Texas	3459	3	279	279	279	279

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Plant X	Texas	3485	114B	Y		Y	Y		
Port Neches Plant	Texas	54748	G1	Y		Y	Y	Y	
Power Lane Steam Plant	Texas	4195	2	Y		Y	Y		
Power Lane Steam Plant	Texas	4195	3	Y		Y	Y		
Quail Run Energy Center	Texas	56349	CT1A	Y		Y	Y		
Quail Run Energy Center	Texas	56349	CT1B	Y		Y	Y		
Quail Run Energy Center	Texas	56349	CT2A	Y		Y	Y		
Quail Run Energy Center	Texas	56349	CT2B	Y		Y	Y		
R W Miller	Texas	3628	**4	Y		Y	Y		
R W Miller	Texas	3628	**5	Y		Y	Y		
R W Miller	Texas	3628	1	Y		Y	Y		
R W Miller	Texas	3628	2	Y		Y	Y		
R W Miller	Texas	3628	3	Y		Y	Y		
Ray Olinger	Texas	3576	BW2	Y		Y	Y		
Ray Olinger	Texas	3576	BW3	Y		Y	Y		
Ray Olinger	Texas	3576	CE1	Y		Y	Y		
Ray Olinger	Texas	3576	GE4	Y		Y	Y		
Rio Nogales Power Project, LP	Texas	55137	CTG-1	Y		Y	Y		
Rio Nogales Power Project, LP	Texas	55137	CTG-2	Y		Y	Y		
Rio Nogales Power Project, LP	Texas	55137	CTG-3	Y		Y	Y		
Roland C. Dansby Power Plant	Texas	6243	1	Y		Y	Y		
Roland C. Dansby Power Plant	Texas	6243	2	Y		Y	Y		
SRW Cogen Limited Partnership	Texas	55120	CTG-1	Y		Y	Y		
SRW Cogen Limited Partnership	Texas	55120	CTG-2	Y		Y	Y		
Sabine	Texas	3459	1	Y		Y	Y		
Sabine	Texas	3459	2	Y		Y	Y		
Sabine	Texas	3459	3	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Sabine	Texas	3459	4	2341	11,055,271	14,109,215	16,891,163	13,636,693	14,764,452
Sabine	Texas	3459	5	2342	13,229,662	10,019,622	11,253,726	14,045,040	10,936,911
Sabine Cogeneration Facility	Texas	55104	SAB-1	3901	4,175,529	3,664,821	3,551,142	4,022,241	4,308,385
Sabine Cogeneration Facility	Texas	55104	SAB-2	3902	3,964,683	4,293,849	3,374,770	2,963,152	3,576,762
Sam Bertron	Texas	3468	SRB1	2368	1,378,399	339,695	422,254	499,849	303,665
Sam Bertron	Texas	3468	SRB2	2369	1,886,435	1,088,019	830,789	964,767	50,397
Sam Bertron	Texas	3468	SRB3	2370	1,565,843	850,016	632,496	1,100,455	797,942
Sam Bertron	Texas	3468	SRB4	2371	1,831,706	931,522	585,910	1,155,066	793,463
Sam Rayburn Plant	Texas	3631	CT7	8334	1,567,031	2,022,322	1,857,921	1,100,541	972,675
Sam Rayburn Plant	Texas	3631	CT8	8336	1,551,803	1,792,184	1,813,099	1,132,362	570,861
Sam Rayburn Plant	Texas	3631	CT9	8338	1,225,287	1,844,555	1,757,219	1,141,908	868,449
Sam Seymour	Texas	6179	1	2827	37,917,768	46,476,660	43,738,332	44,477,738	36,580,782
Sam Seymour	Texas	6179	2	2828	37,311,415	48,316,231	43,378,894	43,674,339	42,265,016
Sam Seymour	Texas	6179	3	2829	33,965,366	34,895,288	36,376,291	33,744,477	39,590,853
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	4481		11,743	4,124	140,315	1,070,744
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	4482		13,881	3,293	191,987	976,587
San Jacinto Steam Electric Station	Texas	7325	SJS1	3095	7,503,251	6,710,065	6,582,202	5,625,039	8,226,525
San Jacinto Steam Electric Station	Texas	7325	SJS2	3096	7,720,004	6,608,157	5,864,380	4,801,522	2,844,206
San Miguel	Texas	6183	SM-1	2835	35,838,707	32,969,697	35,510,247	34,506,834	32,332,235
Sand Hill Energy Center	Texas	7900	SH1	1149	693,558	592,425	467,951	530,905	403,818
Sand Hill Energy Center	Texas	7900	SH2	1150	682,484	413,810	752,844	420,227	592,201
Sand Hill Energy Center	Texas	7900	SH3	1151	654,404	315,489	769,526	433,058	512,902
Sand Hill Energy Center	Texas	7900	SH4	1152	536,060	718,723	618,066	471,825	549,541
Sand Hill Energy Center	Texas	7900	SH5	10015	9,398,382	11,342,986	12,085,468	12,407,579	11,439,138
Sandow	Texas	6648	4	2900	45,025,375	49,723,489	41,124,429	46,546,662	32,975,052
Sandow Station	Texas	52071	5A	89920				3,054,734	16,805,282
Sandow Station	Texas	52071	5B	89921				2,859,027	16,262,181

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Sabine	Texas	3459	4	15,254,943	3,511,906,933	0.004344	279,747	279,747
Sabine	Texas	3459	5	12,842,809	3,511,906,933	0.003657	279,747	279,747
Sabine Cogeneration Facility	Texas	55104	SAB-1	4,168,718	3,511,906,933	0.001187	279,747	279,747
Sabine Cogeneration Facility	Texas	55104	SAB-2	3,945,098	3,511,906,933	0.001123	279,747	279,747
Sam Bertron	Texas	3468	SRB1	766,834	3,511,906,933	0.000218	279,747	279,747
Sam Bertron	Texas	3468	SRB2	1,313,074	3,511,906,933	0.000374	279,747	279,747
Sam Bertron	Texas	3468	SRB3	1,172,105	3,511,906,933	0.000334	279,747	279,747
Sam Bertron	Texas	3468	SRB4	1,306,098	3,511,906,933	0.000372	279,747	279,747
Sam Rayburn Plant	Texas	3631	CT7	1,815,758	3,511,906,933	0.000517	279,747	279,747
Sam Rayburn Plant	Texas	3631	CT8	1,719,029	3,511,906,933	0.000489	279,747	279,747
Sam Rayburn Plant	Texas	3631	CT9	1,609,020	3,511,906,933	0.000458	279,747	279,747
Sam Seymour	Texas	6179	1	44,897,577	3,511,906,933	0.012784	279,747	279,747
Sam Seymour	Texas	6179	2	45,123,155	3,511,906,933	0.012849	279,747	279,747
Sam Seymour	Texas	6179	3	36,954,144	3,511,906,933	0.010523	279,747	279,747
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	407,601	3,511,906,933	0.000116	279,747	279,747
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	394,152	3,511,906,933	0.000112	279,747	279,747
San Jacinto Steam Electric Station	Texas	7325	SJS1	7,479,947	3,511,906,933	0.002130	279,747	279,747
San Jacinto Steam Electric Station	Texas	7325	SJS2	6,730,847	3,511,906,933	0.001917	279,747	279,747
San Miguel	Texas	6183	SM-1	35,285,263	3,511,906,933	0.010047	279,747	279,747
Sand Hill Energy Center	Texas	7900	SH1	605,629	3,511,906,933	0.000172	279,747	279,747
Sand Hill Energy Center	Texas	7900	SH2	675,843	3,511,906,933	0.000192	279,747	279,747
Sand Hill Energy Center	Texas	7900	SH3	645,611	3,511,906,933	0.000184	279,747	279,747
Sand Hill Energy Center	Texas	7900	SH4	628,777	3,511,906,933	0.000179	279,747	279,747
Sand Hill Energy Center	Texas	7900	SH5	11,977,395	3,511,906,933	0.003411	279,747	279,747
Sandow	Texas	6648	4	47,098,509	3,511,906,933	0.013411	279,747	279,747
Sandow Station	Texas	52071	5A	9,930,008	3,511,906,933	0.002828	279,747	279,747
Sandow Station	Texas	52071	5B	9,560,604	3,511,906,933	0.002722	279,747	279,747

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
Calculation						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Sabine	Texas	3459	4	132,193	132,193	1,215	1,215	574	574
Sabine	Texas	3459	5	132,193	132,193	1,023	1,023	483	483
Sabine Cogeneration Facility	Texas	55104	SAB-1	132,193	132,193	332	332	157	157
Sabine Cogeneration Facility	Texas	55104	SAB-2	132,193	132,193	314	314	148	148
Sam Bertron	Texas	3468	SRB1	132,193	132,193	61	61	29	29
Sam Bertron	Texas	3468	SRB2	132,193	132,193	105	105	49	49
Sam Bertron	Texas	3468	SRB3	132,193	132,193	93	93	44	44
Sam Bertron	Texas	3468	SRB4	132,193	132,193	104	104	49	49
Sam Rayburn Plant	Texas	3631	CT7	132,193	132,193	145	145	68	68
Sam Rayburn Plant	Texas	3631	CT8	132,193	132,193	137	137	65	65
Sam Rayburn Plant	Texas	3631	CT9	132,193	132,193	128	128	61	61
Sam Seymour	Texas	6179	1	132,193	132,193	3,576	3,576	1,690	1,690
Sam Seymour	Texas	6179	2	132,193	132,193	3,594	3,594	1,698	1,698
Sam Seymour	Texas	6179	3	132,193	132,193	2,944	2,944	1,391	1,391
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	132,193	132,193	32	32	15	15
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	132,193	132,193	31	31	15	15
San Jacinto Steam Electric Station	Texas	7325	SJS1	132,193	132,193	596	596	282	282
San Jacinto Steam Electric Station	Texas	7325	SJS2	132,193	132,193	536	536	253	253
San Miguel	Texas	6183	SM-1	132,193	132,193	2,811	2,811	1,328	1,328
Sand Hill Energy Center	Texas	7900	SH1	132,193	132,193	48	48	23	23
Sand Hill Energy Center	Texas	7900	SH2	132,193	132,193	54	54	25	25
Sand Hill Energy Center	Texas	7900	SH3	132,193	132,193	51	51	24	24
Sand Hill Energy Center	Texas	7900	SH4	132,193	132,193	50	50	24	24
Sand Hill Energy Center	Texas	7900	SH5	132,193	132,193	954	954	451	451
Sandow	Texas	6648	4	132,193	132,193	3,752	3,752	1,773	1,773
Sandow Station	Texas	52071	5A	132,193	132,193	791	791	374	374
Sandow Station	Texas	52071	5B	132,193	132,193	762	762	360	360

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Sabine	Texas	3459	4	5	6	6	3	4
Sabine	Texas	3459	5	4	3	4	4	3
Sabine Cogeneration Facility	Texas	55104	SAB-1	1	1	1	1	1
Sabine Cogeneration Facility	Texas	55104	SAB-2	1	1	1	1	1
Sam Bertron	Texas	3468	SRB1	4	0	0	0	0
Sam Bertron	Texas	3468	SRB2	9	0	0	1	0
Sam Bertron	Texas	3468	SRB3	23	0	0	0	0
Sam Bertron	Texas	3468	SRB4	1	0	0	1	0
Sam Rayburn Plant	Texas	3631	CT7	0	0	0	0	1
Sam Rayburn Plant	Texas	3631	CT8	0	0	0	0	1
Sam Rayburn Plant	Texas	3631	CT9	0	0	0	0	1
Sam Seymour	Texas	6179	1	15,930	14,034	13,614	12,554	15,113
Sam Seymour	Texas	6179	2	15,717	14,102	14,034	11,933	15,840
Sam Seymour	Texas	6179	3	1,810	1,702	1,554	2,955	2,233
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	0		0		0
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	0		0		0
San Jacinto Steam Electric Station	Texas	7325	SJS1	2	2	2	2	2
San Jacinto Steam Electric Station	Texas	7325	SJS2	3	2	2	2	2
San Miguel	Texas	6183	SM-1	9,696	8,523	12,473	11,827	8,369
Sand Hill Energy Center	Texas	7900	SH1	0	0	0	0	0
Sand Hill Energy Center	Texas	7900	SH2	0	0	0	0	0
Sand Hill Energy Center	Texas	7900	SH3	0	0	0	0	0
Sand Hill Energy Center	Texas	7900	SH4	0	0	0	0	0
Sand Hill Energy Center	Texas	7900	SH5		1	3	3	3
Sandow	Texas	6648	4	27,475	26,583	25,969	23,747	23,365
Sandow Station	Texas	52071	5A					
Sandow Station	Texas	52071	5B					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns V - AC		
Sabine	Texas	3459	4	5	4	4	6		
Sabine	Texas	3459	5	3	4	3	4		
Sabine Cogeneration Facility	Texas	55104	SAB-1	1	1	1	1		
Sabine Cogeneration Facility	Texas	55104	SAB-2	1	1	1	1		
Sam Bertron	Texas	3468	SRB1	0	0	0	4		
Sam Bertron	Texas	3468	SRB2	0	0	0	9		
Sam Bertron	Texas	3468	SRB3	0	0	0	23		
Sam Bertron	Texas	3468	SRB4	0	0	0	1		
Sam Rayburn Plant	Texas	3631	CT7	1	0	0	1		
Sam Rayburn Plant	Texas	3631	CT8	1	0	0	1		
Sam Rayburn Plant	Texas	3631	CT9	1	0	0	1		
Sam Seymour	Texas	6179	1	13,369	13,112	11,768	15,930		
Sam Seymour	Texas	6179	2	14,087	12,787	13,071	15,840		
Sam Seymour	Texas	6179	3	2,560	1,652	2,075	2,955		
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	0	0	0	0		
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	0	0	0	0		
San Jacinto Steam Electric Station	Texas	7325	SJS1	2	2	2	2		
San Jacinto Steam Electric Station	Texas	7325	SJS2	2	1	1	3		
San Miguel	Texas	6183	SM-1	10,715	11,064	10,151	12,473		
Sand Hill Energy Center	Texas	7900	SH1	0	0	0	0		
Sand Hill Energy Center	Texas	7900	SH2	0	0	0	0		
Sand Hill Energy Center	Texas	7900	SH3	0	0	0	0		
Sand Hill Energy Center	Texas	7900	SH4	0	0	0	0		
Sand Hill Energy Center	Texas	7900	SH5	4	4	3	4		
Sandow	Texas	6648	4	20,776	25,594	16,365	27,475		
Sandow Station	Texas	52071	5A		229	773	773		
Sandow Station	Texas	52071	5B		158	725	725		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Sabine	Texas	3459	4					967	1,299
Sabine	Texas	3459	5					502	379
Sabine Cogeneration Facility	Texas	55104	SAB-1					29	24
Sabine Cogeneration Facility	Texas	55104	SAB-2					30	26
Sam Bertron	Texas	3468	SRB1					114	81
Sam Bertron	Texas	3468	SRB2					114	50
Sam Bertron	Texas	3468	SRB3					179	85
Sam Bertron	Texas	3468	SRB4					133	52
Sam Rayburn Plant	Texas	3631	CT7					2	12
Sam Rayburn Plant	Texas	3631	CT8					0	11
Sam Rayburn Plant	Texas	3631	CT9					2	9
Sam Seymour	Texas	6179	1					3,072	2,057
Sam Seymour	Texas	6179	2					7,283	3,012
Sam Seymour	Texas	6179	3					5,871	6,012
San Jacinto County Peaking Facility	Texas	56603	SJCCT1					0	
San Jacinto County Peaking Facility	Texas	56603	SJCCT2					0	
San Jacinto Steam Electric Station	Texas	7325	SJS1					141	118
San Jacinto Steam Electric Station	Texas	7325	SJS2					107	100
San Miguel	Texas	6183	SM-1					4,449	3,270
Sand Hill Energy Center	Texas	7900	SH1					10	12
Sand Hill Energy Center	Texas	7900	SH2					9	115
Sand Hill Energy Center	Texas	7900	SH3					13	44
Sand Hill Energy Center	Texas	7900	SH4					14	149
Sand Hill Energy Center	Texas	7900	SH5						54
Sandow	Texas	6648	4					5,240	5,053
Sandow Station	Texas	52071	5A						
Sandow Station	Texas	52071	5B						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Sabine	Texas	3459	4	1,295	663	1,014	1,177	975
Sabine	Texas	3459	5	477	540	429	493	635
Sabine Cogeneration Facility	Texas	55104	SAB-1	23	28	26	26	29
Sabine Cogeneration Facility	Texas	55104	SAB-2	24	27	34	27	23
Sam Bertron	Texas	3468	SRB1	102	136	33	40	46
Sam Bertron	Texas	3468	SRB2	130	177	112	88	100
Sam Bertron	Texas	3468	SRB3	76	114	59	46	79
Sam Bertron	Texas	3468	SRB4	68	106	54	40	74
Sam Rayburn Plant	Texas	3631	CT7	13	12	14	14	9
Sam Rayburn Plant	Texas	3631	CT8	13	12	13	12	9
Sam Rayburn Plant	Texas	3631	CT9	13	10	14	13	9
Sam Seymour	Texas	6179	1	2,150	1,903	2,370	2,341	2,122
Sam Seymour	Texas	6179	2	2,178	2,034	2,577	2,303	2,232
Sam Seymour	Texas	6179	3	2,504	1,876	2,035	2,075	1,868
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	0		0	0	2
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	0		0	0	3
San Jacinto Steam Electric Station	Texas	7325	SJS1	107	115	102	77	59
San Jacinto Steam Electric Station	Texas	7325	SJS2	88	82	56	43	40
San Miguel	Texas	6183	SM-1	3,675	3,505	3,140	3,253	3,169
Sand Hill Energy Center	Texas	7900	SH1	36	12	8	7	7
Sand Hill Energy Center	Texas	7900	SH2	41	11	6	8	6
Sand Hill Energy Center	Texas	7900	SH3	13	9	4	11	6
Sand Hill Energy Center	Texas	7900	SH4	53	14	8	7	5
Sand Hill Energy Center	Texas	7900	SH5	85	75	91	103	112
Sandow	Texas	6648	4	4,776	4,307	4,890	4,020	4,912
Sandow Station	Texas	52071	5A					153
Sandow Station	Texas	52071	5B					147

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Sabine	Texas	3459	4	926	1,299				
Sabine	Texas	3459	5	455	635				
Sabine Cogeneration Facility	Texas	55104	SAB-1	34	34				
Sabine Cogeneration Facility	Texas	55104	SAB-2	29	34				
Sam Bertron	Texas	3468	SRB1	21	136				
Sam Bertron	Texas	3468	SRB2	5	177				
Sam Bertron	Texas	3468	SRB3	61	179				
Sam Bertron	Texas	3468	SRB4	52	133				
Sam Rayburn Plant	Texas	3631	CT7	7	14				
Sam Rayburn Plant	Texas	3631	CT8	5	13				
Sam Rayburn Plant	Texas	3631	CT9	7	14				
Sam Seymour	Texas	6179	1	1,869	3,072				
Sam Seymour	Texas	6179	2	2,266	7,283				
Sam Seymour	Texas	6179	3	2,313	6,012				
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	17	17				
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	15	15				
San Jacinto Steam Electric Station	Texas	7325	SJS1	90	141				
San Jacinto Steam Electric Station	Texas	7325	SJS2	27	107				
San Miguel	Texas	6183	SM-1	2,948	4,449				
Sand Hill Energy Center	Texas	7900	SH1	6	36				
Sand Hill Energy Center	Texas	7900	SH2	8	115				
Sand Hill Energy Center	Texas	7900	SH3	7	44				
Sand Hill Energy Center	Texas	7900	SH4	7	149				
Sand Hill Energy Center	Texas	7900	SH5	103	112				
Sandow	Texas	6648	4	1,244	5,240				
Sandow Station	Texas	52071	5A	679	679				
Sandow Station	Texas	52071	5B	651	651				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Sabine	Texas	3459	4				
Sabine	Texas	3459	5				
Sabine Cogeneration Facility	Texas	55104	SAB-1				
Sabine Cogeneration Facility	Texas	55104	SAB-2				
Sam Bertron	Texas	3468	SRB1				
Sam Bertron	Texas	3468	SRB2				
Sam Bertron	Texas	3468	SRB3				
Sam Bertron	Texas	3468	SRB4				
Sam Rayburn Plant	Texas	3631	CT7				
Sam Rayburn Plant	Texas	3631	CT8				
Sam Rayburn Plant	Texas	3631	CT9				
Sam Seymour	Texas	6179	1				
Sam Seymour	Texas	6179	2				
Sam Seymour	Texas	6179	3				
San Jacinto County Peaking Facility	Texas	56603	SJCCT1				
San Jacinto County Peaking Facility	Texas	56603	SJCCT2				
San Jacinto Steam Electric Station	Texas	7325	SJS1				
San Jacinto Steam Electric Station	Texas	7325	SJS2				
San Miguel	Texas	6183	SM-1				
Sand Hill Energy Center	Texas	7900	SH1				
Sand Hill Energy Center	Texas	7900	SH2				
Sand Hill Energy Center	Texas	7900	SH3				
Sand Hill Energy Center	Texas	7900	SH4				
Sand Hill Energy Center	Texas	7900	SH5				
Sandow	Texas	6648	4				
Sandow Station	Texas	52071	5A				
Sandow Station	Texas	52071	5B				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Sabine	Texas	3459	4				
Sabine	Texas	3459	5				
Sabine Cogeneration Facility	Texas	55104	SAB-1				
Sabine Cogeneration Facility	Texas	55104	SAB-2				
Sam Bertron	Texas	3468	SRB1				
Sam Bertron	Texas	3468	SRB2				
Sam Bertron	Texas	3468	SRB3				
Sam Bertron	Texas	3468	SRB4				
Sam Rayburn Plant	Texas	3631	CT7				
Sam Rayburn Plant	Texas	3631	CT8				
Sam Rayburn Plant	Texas	3631	CT9				
Sam Seymour	Texas	6179	1				
Sam Seymour	Texas	6179	2				
Sam Seymour	Texas	6179	3				
San Jacinto County Peaking Facility	Texas	56603	SJCCT1				
San Jacinto County Peaking Facility	Texas	56603	SJCCT2				
San Jacinto Steam Electric Station	Texas	7325	SJS1				
San Jacinto Steam Electric Station	Texas	7325	SJS2				
San Miguel	Texas	6183	SM-1				
Sand Hill Energy Center	Texas	7900	SH1				
Sand Hill Energy Center	Texas	7900	SH2				
Sand Hill Energy Center	Texas	7900	SH3				
Sand Hill Energy Center	Texas	7900	SH4				
Sand Hill Energy Center	Texas	7900	SH5				
Sandow	Texas	6648	4				
Sandow Station	Texas	52071	5A				
Sandow Station	Texas	52071	5B				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Sabine	Texas	3459	4	806	806	806	806
Sabine	Texas	3459	5	635	635	635	635
Sabine Cogeneration Facility	Texas	55104	SAB-1	34	34	34	34
Sabine Cogeneration Facility	Texas	55104	SAB-2	34	34	34	34
Sam Bertron	Texas	3468	SRB1	41	41	41	41
Sam Bertron	Texas	3468	SRB2	69	69	69	69
Sam Bertron	Texas	3468	SRB3	62	62	62	62
Sam Bertron	Texas	3468	SRB4	69	69	69	69
Sam Rayburn Plant	Texas	3631	CT7	14	14	14	14
Sam Rayburn Plant	Texas	3631	CT8	13	13	13	13
Sam Rayburn Plant	Texas	3631	CT9	14	14	14	14
Sam Seymour	Texas	6179	1	2,373	2,373	2,373	2,373
Sam Seymour	Texas	6179	2	2,385	2,385	2,385	2,385
Sam Seymour	Texas	6179	3	1,953	1,953	1,953	1,953
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	17	17	17	17
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	15	15	15	15
San Jacinto Steam Electric Station	Texas	7325	SJS1	141	141	141	141
San Jacinto Steam Electric Station	Texas	7325	SJS2	107	107	107	107
San Miguel	Texas	6183	SM-1	1,865	1,865	1,865	1,865
Sand Hill Energy Center	Texas	7900	SH1	32	32	32	32
Sand Hill Energy Center	Texas	7900	SH2	36	36	36	36
Sand Hill Energy Center	Texas	7900	SH3	34	34	34	34
Sand Hill Energy Center	Texas	7900	SH4	33	33	33	33
Sand Hill Energy Center	Texas	7900	SH5	112	112	112	112
Sandow	Texas	6648	4	2,489	2,489	2,489	2,489
Sandow Station	Texas	52071	5A	525	525	525	525
Sandow Station	Texas	52071	5B	505	505	505	505

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reappportionment if U <(AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U <(AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation								
Sabine	Texas	3459	4	806	806	9,128,244	4,541,179	9,317,761
Sabine	Texas	3459	5	635	635	5,663,755	6,066,824	4,580,323
Sabine Cogeneration Facility	Texas	55104	SAB-1	34	34	2,050,036	1,724,149	1,322,818
Sabine Cogeneration Facility	Texas	55104	SAB-2	34	34	1,517,161	1,655,331	1,374,849
Sam Bertron	Texas	3468	SRB1	41	41	964,501	311,039	345,958
Sam Bertron	Texas	3468	SRB2	69	69	1,347,484	775,657	649,251
Sam Bertron	Texas	3468	SRB3	62	62	1,080,854	736,404	632,496
Sam Bertron	Texas	3468	SRB4	69	69	1,423,948	740,535	585,910
Sam Rayburn Plant	Texas	3631	CT7	14	14	681,838	826,794	911,087
Sam Rayburn Plant	Texas	3631	CT8	13	13	701,093	780,649	978,207
Sam Rayburn Plant	Texas	3631	CT9	14	14	638,811	768,834	872,384
Sam Seymour	Texas	6179	1	2,373	2,373	19,072,448	21,274,460	20,977,691
Sam Seymour	Texas	6179	2	2,385	2,385	18,852,522	21,297,320	21,443,500
Sam Seymour	Texas	6179	3	1,953	1,953	14,574,334	15,550,185	15,180,729
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	17	17		11,743	4,124
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	15	15		13,881	3,293
San Jacinto Steam Electric Station	Texas	7325	SJS1	141	141	3,188,170	2,671,602	2,732,047
San Jacinto Steam Electric Station	Texas	7325	SJS2	107	107	3,176,337	3,090,576	2,383,710
San Miguel	Texas	6183	SM-1	1,865	1,865	16,078,541	16,158,222	18,209,534
Sand Hill Energy Center	Texas	7900	SH1	32	32	345,944	258,017	297,954
Sand Hill Energy Center	Texas	7900	SH2	36	36	376,021	221,273	364,533
Sand Hill Energy Center	Texas	7900	SH3	34	34	341,880	189,586	396,657
Sand Hill Energy Center	Texas	7900	SH4	33	33	347,804	325,962	298,986
Sand Hill Energy Center	Texas	7900	SH5	112	112	4,157,596	5,555,730	6,099,380
Sandow	Texas	6648	4	2,489	2,489	20,194,979	19,279,845	15,092,543
Sandow Station	Texas	52071	5A	525	525			
Sandow Station	Texas	52071	5B	505	505			

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Sabine	Texas	3459	4	6,193,146	6,368,445	8,271,483	1,726,255,329	0.004792
Sabine	Texas	3459	5	6,357,544	5,943,703	6,122,691	1,726,255,329	0.003547
Sabine Cogeneration Facility	Texas	55104	SAB-1	1,691,052	1,838,110	1,870,765	1,726,255,329	0.001084
Sabine Cogeneration Facility	Texas	55104	SAB-2	1,450,011	1,404,250	1,540,834	1,726,255,329	0.000893
Sam Bertron	Texas	3468	SRB1	461,794	261,568	590,751	1,726,255,329	0.000342
Sam Bertron	Texas	3468	SRB2	854,933		992,691	1,726,255,329	0.000575
Sam Bertron	Texas	3468	SRB3	995,503	732,820	937,587	1,726,255,329	0.000543
Sam Bertron	Texas	3468	SRB4	1,021,080	731,467	1,061,854	1,726,255,329	0.000615
Sam Rayburn Plant	Texas	3631	CT7	689,287	434,019	809,056	1,726,255,329	0.000469
Sam Rayburn Plant	Texas	3631	CT8	702,542	478,076	820,466	1,726,255,329	0.000475
Sam Rayburn Plant	Texas	3631	CT9	629,461	390,941	760,010	1,726,255,329	0.000440
Sam Seymour	Texas	6179	1	19,364,588	20,606,060	20,952,737	1,726,255,329	0.012138
Sam Seymour	Texas	6179	2	18,383,526	20,369,019	21,036,613	1,726,255,329	0.012186
Sam Seymour	Texas	6179	3	15,665,381	16,867,453	16,027,673	1,726,255,329	0.009285
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	39,198	755,277	268,739	1,726,255,329	0.000156
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	112,497	723,650	283,342	1,726,255,329	0.000164
San Jacinto Steam Electric Station	Texas	7325	SJS1	2,715,909	3,396,657	3,105,625	1,726,255,329	0.001799
San Jacinto Steam Electric Station	Texas	7325	SJS2	1,963,098	1,482,554	2,883,541	1,726,255,329	0.001670
San Miguel	Texas	6183	SM-1	16,689,822	15,496,964	17,019,192	1,726,255,329	0.009859
Sand Hill Energy Center	Texas	7900	SH1	370,013	172,896	337,970	1,726,255,329	0.000196
Sand Hill Energy Center	Texas	7900	SH2	264,457	362,391	367,648	1,726,255,329	0.000213
Sand Hill Energy Center	Texas	7900	SH3	234,997	266,323	334,953	1,726,255,329	0.000194
Sand Hill Energy Center	Texas	7900	SH4	331,613	299,873	335,126	1,726,255,329	0.000194
Sand Hill Energy Center	Texas	7900	SH5	5,746,555	5,630,109	5,825,348	1,726,255,329	0.003375
Sandow	Texas	6648	4	21,409,890	17,690,220	20,294,904	1,726,255,329	0.011757
Sandow Station	Texas	52071	5A		8,024,562	8,024,562	1,726,255,329	0.004649
Sandow Station	Texas	52071	5B		7,547,740	7,547,740	1,726,255,329	0.004372

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Sabine	Texas	3459	4	62,938	62,938	302	302	528	552
Sabine	Texas	3459	5	62,938	62,938	223	223	223	196
Sabine Cogeneration Facility	Texas	55104	SAB-1	62,938	62,938	68	68	12	11
Sabine Cogeneration Facility	Texas	55104	SAB-2	62,938	62,938	56	56	11	11
Sam Bertron	Texas	3468	SRB1	62,938	62,938	22	22	65	46
Sam Bertron	Texas	3468	SRB2	62,938	62,938	36	36	65	28
Sam Bertron	Texas	3468	SRB3	62,938	62,938	34	34	116	55
Sam Bertron	Texas	3468	SRB4	62,938	62,938	39	39	81	39
Sam Rayburn Plant	Texas	3631	CT7	62,938	62,938	29	29		6
Sam Rayburn Plant	Texas	3631	CT8	62,938	62,938	30	30		5
Sam Rayburn Plant	Texas	3631	CT9	62,938	62,938	28	28		4
Sam Seymour	Texas	6179	1	62,938	62,938	764	764	1,179	985
Sam Seymour	Texas	6179	2	62,938	62,938	767	767	2,979	1,091
Sam Seymour	Texas	6179	3	62,938	62,938	584	584	2,087	2,486
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	62,938	62,938	10	10	0	
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	62,938	62,938	10	10	0	
San Jacinto Steam Electric Station	Texas	7325	SJS1	62,938	62,938	113	113	52	41
San Jacinto Steam Electric Station	Texas	7325	SJS2	62,938	62,938	105	105	35	40
San Miguel	Texas	6183	SM-1	62,938	62,938	621	621	1,816	1,551
Sand Hill Energy Center	Texas	7900	SH1	62,938	62,938	12	12	6	5
Sand Hill Energy Center	Texas	7900	SH2	62,938	62,938	13	13	7	37
Sand Hill Energy Center	Texas	7900	SH3	62,938	62,938	12	12	7	27
Sand Hill Energy Center	Texas	7900	SH4	62,938	62,938	12	12	5	71
Sand Hill Energy Center	Texas	7900	SH5	62,938	62,938	212	212		
Sandow	Texas	6648	4	62,938	62,938	740	740	2,164	2,151
Sandow Station	Texas	52071	5A	62,938	62,938	293	293		
Sandow Station	Texas	52071	5B	62,938	62,938	275	275		

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Sabine	Texas	3459	4	612	553	328	654	461	427
Sabine	Texas	3459	5	210	231	259	196	277	248
Sabine Cogeneration Facility	Texas	55104	SAB-1	8	13	11	9	12	14
Sabine Cogeneration Facility	Texas	55104	SAB-2	11	9	13	11	10	11
Sam Bertron	Texas	3468	SRB1	79	96	31	33	43	17
Sam Bertron	Texas	3468	SRB2	101	126	79	68	89	
Sam Bertron	Texas	3468	SRB3	65	81	50	46	70	58
Sam Bertron	Texas	3468	SRB4	60	86	44	40	65	48
Sam Rayburn Plant	Texas	3631	CT7	6	5	6	7	6	3
Sam Rayburn Plant	Texas	3631	CT8	7	5	5	6	6	3
Sam Rayburn Plant	Texas	3631	CT9	7	5	6	6	5	3
Sam Seymour	Texas	6179	1	986	954	1,081	1,114	888	998
Sam Seymour	Texas	6179	2	957	1,033	1,146	1,092	913	1,144
Sam Seymour	Texas	6179	3	1,041	815	925	874	882	1,001
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	0		0	0	1	11
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	0		0	0	2	10
San Jacinto Steam Electric Station	Texas	7325	SJS1	39	50	33	27	23	32
San Jacinto Steam Electric Station	Texas	7325	SJS2	32	32	21	16	14	14
San Miguel	Texas	6183	SM-1	1,714	1,524	1,483	1,559	1,489	1,375
Sand Hill Energy Center	Texas	7900	SH1	5	7	4	5	5	3
Sand Hill Energy Center	Texas	7900	SH2	6	5	3	4	3	4
Sand Hill Energy Center	Texas	7900	SH3	8	5	2	4	3	3
Sand Hill Energy Center	Texas	7900	SH4	16	5	4	3	4	3
Sand Hill Energy Center	Texas	7900	SH5	36	31	43	50	51	49
Sandow	Texas	6648	4	1,986	1,970	1,879	1,463	2,301	500
Sandow Station	Texas	52071	5A						321
Sandow Station	Texas	52071	5B						298

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Sabine	Texas	3459	4	654					
Sabine	Texas	3459	5	277					
Sabine Cogeneration Facility	Texas	55104	SAB-1	14					
Sabine Cogeneration Facility	Texas	55104	SAB-2	13					
Sam Bertron	Texas	3468	SRB1	96					
Sam Bertron	Texas	3468	SRB2	126					
Sam Bertron	Texas	3468	SRB3	116					
Sam Bertron	Texas	3468	SRB4	86					
Sam Rayburn Plant	Texas	3631	CT7	7					
Sam Rayburn Plant	Texas	3631	CT8	7					
Sam Rayburn Plant	Texas	3631	CT9	7					
Sam Seymour	Texas	6179	1	1,179					
Sam Seymour	Texas	6179	2	2,979					
Sam Seymour	Texas	6179	3	2,486					
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	11					
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	10					
San Jacinto Steam Electric Station	Texas	7325	SJS1	52					
San Jacinto Steam Electric Station	Texas	7325	SJS2	40					
San Miguel	Texas	6183	SM-1	1,816					
Sand Hill Energy Center	Texas	7900	SH1	7					
Sand Hill Energy Center	Texas	7900	SH2	37					
Sand Hill Energy Center	Texas	7900	SH3	27					
Sand Hill Energy Center	Texas	7900	SH4	71					
Sand Hill Energy Center	Texas	7900	SH5	51					
Sandow	Texas	6648	4	2,301					
Sandow Station	Texas	52071	5A	321					
Sandow Station	Texas	52071	5B	298					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Sabine	Texas	3459	4			439	439
Sabine	Texas	3459	5			277	277
Sabine Cogeneration Facility	Texas	55104	SAB-1			14	14
Sabine Cogeneration Facility	Texas	55104	SAB-2			13	13
Sam Bertron	Texas	3468	SRB1			31	31
Sam Bertron	Texas	3468	SRB2			53	53
Sam Bertron	Texas	3468	SRB3			50	50
Sam Bertron	Texas	3468	SRB4			56	56
Sam Rayburn Plant	Texas	3631	CT7			7	7
Sam Rayburn Plant	Texas	3631	CT8			7	7
Sam Rayburn Plant	Texas	3631	CT9			7	7
Sam Seymour	Texas	6179	1			1,111	1,111
Sam Seymour	Texas	6179	2			1,116	1,116
Sam Seymour	Texas	6179	3			850	850
San Jacinto County Peaking Facility	Texas	56603	SJCCT1			11	11
San Jacinto County Peaking Facility	Texas	56603	SJCCT2			10	10
San Jacinto Steam Electric Station	Texas	7325	SJS1			52	52
San Jacinto Steam Electric Station	Texas	7325	SJS2			40	40
San Miguel	Texas	6183	SM-1			903	903
Sand Hill Energy Center	Texas	7900	SH1			7	7
Sand Hill Energy Center	Texas	7900	SH2			20	20
Sand Hill Energy Center	Texas	7900	SH3			18	18
Sand Hill Energy Center	Texas	7900	SH4			18	18
Sand Hill Energy Center	Texas	7900	SH5			51	51
Sandow	Texas	6648	4			1,077	1,077
Sandow Station	Texas	52071	5A			321	321
Sandow Station	Texas	52071	5B			298	298

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Sabine	Texas	3459	4	439	439	439	439
Sabine	Texas	3459	5	277	277	277	277
Sabine Cogeneration Facility	Texas	55104	SAB-1	14	14	14	14
Sabine Cogeneration Facility	Texas	55104	SAB-2	13	13	13	13
Sam Bertron	Texas	3468	SRB1	31	31	31	31
Sam Bertron	Texas	3468	SRB2	53	53	53	53
Sam Bertron	Texas	3468	SRB3	50	50	50	50
Sam Bertron	Texas	3468	SRB4	56	56	56	56
Sam Rayburn Plant	Texas	3631	CT7	7	7	7	7
Sam Rayburn Plant	Texas	3631	CT8	7	7	7	7
Sam Rayburn Plant	Texas	3631	CT9	7	7	7	7
Sam Seymour	Texas	6179	1	1,111	1,111	1,111	1,111
Sam Seymour	Texas	6179	2	1,116	1,116	1,116	1,116
Sam Seymour	Texas	6179	3	850	850	850	850
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	11	11	11	11
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	10	10	10	10
San Jacinto Steam Electric Station	Texas	7325	SJS1	52	52	52	52
San Jacinto Steam Electric Station	Texas	7325	SJS2	40	40	40	40
San Miguel	Texas	6183	SM-1	903	903	903	903
Sand Hill Energy Center	Texas	7900	SH1	7	7	7	7
Sand Hill Energy Center	Texas	7900	SH2	20	20	20	20
Sand Hill Energy Center	Texas	7900	SH3	18	18	18	18
Sand Hill Energy Center	Texas	7900	SH4	18	18	18	18
Sand Hill Energy Center	Texas	7900	SH5	51	51	51	51
Sandow	Texas	6648	4	1,077	1,077	1,077	1,077
Sandow Station	Texas	52071	5A	321	321	321	321
Sandow Station	Texas	52071	5B	298	298	298	298

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Sabine	Texas	3459	4	Y		Y	Y		
Sabine	Texas	3459	5	Y		Y	Y		
Sabine Cogeneration Facility	Texas	55104	SAB-1	Y		Y	Y		
Sabine Cogeneration Facility	Texas	55104	SAB-2	Y		Y	Y		
Sam Bertron	Texas	3468	SRB1	Y		Y	Y		
Sam Bertron	Texas	3468	SRB2	Y		Y	Y		
Sam Bertron	Texas	3468	SRB3	Y		Y	Y		
Sam Bertron	Texas	3468	SRB4	Y		Y	Y		
Sam Rayburn Plant	Texas	3631	CT7	Y		Y	Y		
Sam Rayburn Plant	Texas	3631	CT8	Y		Y	Y		
Sam Rayburn Plant	Texas	3631	CT9	Y		Y	Y		
Sam Seymour	Texas	6179	1	Y		Y	Y		
Sam Seymour	Texas	6179	2	Y		Y	Y		
Sam Seymour	Texas	6179	3	Y		Y	Y		
San Jacinto County Peaking Facility	Texas	56603	SJCCT1	Y		Y	Y		
San Jacinto County Peaking Facility	Texas	56603	SJCCT2	Y		Y	Y		
San Jacinto Steam Electric Station	Texas	7325	SJS1	Y		Y	Y		
San Jacinto Steam Electric Station	Texas	7325	SJS2	Y		Y	Y		
San Miguel	Texas	6183	SM-1	Y		Y	Y		
Sand Hill Energy Center	Texas	7900	SH1	Y		Y	Y		
Sand Hill Energy Center	Texas	7900	SH2	Y		Y	Y		
Sand Hill Energy Center	Texas	7900	SH3	Y		Y	Y		
Sand Hill Energy Center	Texas	7900	SH4	Y		Y	Y		
Sand Hill Energy Center	Texas	7900	SH5	Y		Y	Y		
Sandow	Texas	6648	4	Y		Y	Y		
Sandow Station	Texas	52071	5A	Y		Y	Y		
Sandow Station	Texas	52071	5B	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Silas Ray	Texas	3559	10	89523	1,037,909	224,207	367,948	377,960	350,472
Silas Ray	Texas	3559	9	2461	1,373,154	348,449	786,808	544,456	475,134
Sim Gideon	Texas	3601	1	2468	1,403,249	1,066,157	1,310,310	1,368,096	791,569
Sim Gideon	Texas	3601	2	2469	1,062,311	1,549,612	1,468,667	1,629,672	887,974
Sim Gideon	Texas	3601	3	2470	6,257,347	8,860,954	9,140,681	8,407,381	8,281,544
South Houston Green Power Site	Texas	55470	EPN801	4843	6,335,661	13,433,128	13,677,104	16,330,939	16,754,342
South Houston Green Power Site	Texas	55470	EPN802	4844	11,203,892	14,533,006	14,895,729	17,381,922	14,671,951
South Houston Green Power Site	Texas	55470	EPN803	4845	11,218,691	13,202,413	13,429,290	16,377,402	16,886,695
Spencer	Texas	4266	4	2651	874,853	220,700	266,598	189,361	80,100
Spencer	Texas	4266	5	2652	1,606,495	747,258	170,049	331,340	291,143
Stryker Creek	Texas	3504	1	2429	636,825	616,977	609,726	483,593	303,942
Stryker Creek	Texas	3504	2	2430	6,734,621	8,267,608	8,183,625	6,174,757	5,338,039
Sweeny Cogeneration Facility	Texas	55015	1	3814	11,092,669	11,784,779	7,007,190	11,152,500	8,866,217
Sweeny Cogeneration Facility	Texas	55015	2	3815	10,977,513	11,251,055	9,173,084	9,996,243	10,101,259
Sweeny Cogeneration Facility	Texas	55015	3	3816	11,202,286	11,298,137	7,131,422	8,953,180	9,681,770
Sweeny Cogeneration Facility	Texas	55015	4	3817	11,855,363	9,915,366	7,938,182	10,632,863	8,482,954
Sweetwater Generating Plant	Texas	50615	GT01	9205	568,530	391,247	327,437	2,576	
Sweetwater Generating Plant	Texas	50615	GT02	9206	1,233,975	1,026,507	676,255	41,018	
Sweetwater Generating Plant	Texas	50615	GT03	9207	1,210,455	967,395	729,577	7,256	
T C Ferguson Power Plant	Texas	4937	1	2655	9,961,880	8,614,830	8,138,577	9,996,877	7,749,451
T H Wharton	Texas	3469	THW31	89958			948,184	1,053,838	1,086,530
T H Wharton	Texas	3469	THW32	89959			742,070	1,181,632	1,146,370
T H Wharton	Texas	3469	THW33	89960			920,492	1,438,054	1,089,177
T H Wharton	Texas	3469	THW34	89961			919,310	1,391,928	1,101,447
T H Wharton	Texas	3469	THW41	89962			808,558	1,304,926	1,112,175
T H Wharton	Texas	3469	THW42	89963			858,919	1,216,297	1,076,519
T H Wharton	Texas	3469	THW43	89964			939,100	1,402,154	1,180,131

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Silas Ray	Texas	3559	10	594,606	3,511,906,933	0.000169	279,747	279,747
Silas Ray	Texas	3559	9	901,473	3,511,906,933	0.000257	279,747	279,747
Sim Gideon	Texas	3601	1	1,360,552	3,511,906,933	0.000387	279,747	279,747
Sim Gideon	Texas	3601	2	1,549,317	3,511,906,933	0.000441	279,747	279,747
Sim Gideon	Texas	3601	3	8,803,006	3,511,906,933	0.002507	279,747	279,747
South Houston Green Power Site	Texas	55470	EPN801	15,587,462	3,511,906,933	0.004438	279,747	279,747
South Houston Green Power Site	Texas	55470	EPN802	15,649,867	3,511,906,933	0.004456	279,747	279,747
South Houston Green Power Site	Texas	55470	EPN803	15,564,462	3,511,906,933	0.004432	279,747	279,747
Spencer	Texas	4266	4	454,050	3,511,906,933	0.000129	279,747	279,747
Spencer	Texas	4266	5	895,031	3,511,906,933	0.000255	279,747	279,747
Stryker Creek	Texas	3504	1	621,176	3,511,906,933	0.000177	279,747	279,747
Stryker Creek	Texas	3504	2	7,728,618	3,511,906,933	0.002201	279,747	279,747
Sweeny Cogeneration Facility	Texas	55015	1	11,343,316	3,511,906,933	0.003230	279,747	279,747
Sweeny Cogeneration Facility	Texas	55015	2	10,776,609	3,511,906,933	0.003069	279,747	279,747
Sweeny Cogeneration Facility	Texas	55015	3	10,727,398	3,511,906,933	0.003055	279,747	279,747
Sweeny Cogeneration Facility	Texas	55015	4	10,801,198	3,511,906,933	0.003076	279,747	279,747
Sweetwater Generating Plant	Texas	50615	GT01	429,072	3,511,906,933	0.000122	279,747	279,747
Sweetwater Generating Plant	Texas	50615	GT02	978,912	3,511,906,933	0.000279	279,747	279,747
Sweetwater Generating Plant	Texas	50615	GT03	969,142	3,511,906,933	0.000276	279,747	279,747
T C Ferguson Power Plant	Texas	4937	1	9,524,529	3,511,906,933	0.002712	279,747	279,747
T H Wharton	Texas	3469	THW31	1,029,517	3,511,906,933	0.000293	279,747	279,747
T H Wharton	Texas	3469	THW32	1,023,357	3,511,906,933	0.000291	279,747	279,747
T H Wharton	Texas	3469	THW33	1,149,241	3,511,906,933	0.000327	279,747	279,747
T H Wharton	Texas	3469	THW34	1,137,562	3,511,906,933	0.000324	279,747	279,747
T H Wharton	Texas	3469	THW41	1,075,220	3,511,906,933	0.000306	279,747	279,747
T H Wharton	Texas	3469	THW42	1,050,578	3,511,906,933	0.000299	279,747	279,747
T H Wharton	Texas	3469	THW43	1,173,795	3,511,906,933	0.000334	279,747	279,747

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
Silas Ray	Texas	3559	10	132,193	132,193	47	47	22	22
Silas Ray	Texas	3559	9	132,193	132,193	72	72	34	34
Sim Gideon	Texas	3601	1	132,193	132,193	108	108	51	51
Sim Gideon	Texas	3601	2	132,193	132,193	123	123	58	58
Sim Gideon	Texas	3601	3	132,193	132,193	701	701	331	331
South Houston Green Power Site	Texas	55470	EPN801	132,193	132,193	1,242	1,242	587	587
South Houston Green Power Site	Texas	55470	EPN802	132,193	132,193	1,247	1,247	589	589
South Houston Green Power Site	Texas	55470	EPN803	132,193	132,193	1,240	1,240	586	586
Spencer	Texas	4266	4	132,193	132,193	36	36	17	17
Spencer	Texas	4266	5	132,193	132,193	71	71	34	34
Stryker Creek	Texas	3504	1	132,193	132,193	49	49	23	23
Stryker Creek	Texas	3504	2	132,193	132,193	616	616	291	291
Sweeny Cogeneration Facility	Texas	55015	1	132,193	132,193	904	904	427	427
Sweeny Cogeneration Facility	Texas	55015	2	132,193	132,193	858	858	406	406
Sweeny Cogeneration Facility	Texas	55015	3	132,193	132,193	855	855	404	404
Sweeny Cogeneration Facility	Texas	55015	4	132,193	132,193	860	860	407	407
Sweetwater Generating Plant	Texas	50615	GT01	132,193	132,193	34	34	16	16
Sweetwater Generating Plant	Texas	50615	GT02	132,193	132,193	78	78	37	37
Sweetwater Generating Plant	Texas	50615	GT03	132,193	132,193	77	77	36	36
T C Ferguson Power Plant	Texas	4937	1	132,193	132,193	759	759	359	359
T H Wharton	Texas	3469	THW31	132,193	132,193	82	82	39	39
T H Wharton	Texas	3469	THW32	132,193	132,193	82	82	39	39
T H Wharton	Texas	3469	THW33	132,193	132,193	92	92	43	43
T H Wharton	Texas	3469	THW34	132,193	132,193	91	91	43	43
T H Wharton	Texas	3469	THW41	132,193	132,193	86	86	40	40
T H Wharton	Texas	3469	THW42	132,193	132,193	84	84	40	40
T H Wharton	Texas	3469	THW43	132,193	132,193	94	94	44	44

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Silas Ray	Texas	3559	10		0	0	0	0
Silas Ray	Texas	3559	9	1	0	0	0	0
Sim Gideon	Texas	3601	1	3	0	0	0	0
Sim Gideon	Texas	3601	2	3	1	0	0	0
Sim Gideon	Texas	3601	3	3	3	2	2	3
South Houston Green Power Site	Texas	55470	EPN801	0	21	18	14	26
South Houston Green Power Site	Texas	55470	EPN802	0	19	20	21	34
South Houston Green Power Site	Texas	55470	EPN803	0	19	22	22	28
Spencer	Texas	4266	4	1	0	0	0	0
Spencer	Texas	4266	5	2	1	1	0	2
Stryker Creek	Texas	3504	1	11	0	0	0	0
Stryker Creek	Texas	3504	2	145	8	81	7	2
Sweeny Cogeneration Facility	Texas	55015	1	3	3	3	3	3
Sweeny Cogeneration Facility	Texas	55015	2	2	3	3	3	3
Sweeny Cogeneration Facility	Texas	55015	3	2	3	3	3	3
Sweeny Cogeneration Facility	Texas	55015	4	3	3	3	3	3
Sweetwater Generating Plant	Texas	50615	GT01	0	0	0	0	0
Sweetwater Generating Plant	Texas	50615	GT02	1	0	0	0	0
Sweetwater Generating Plant	Texas	50615	GT03	1	0	0	0	0
T C Ferguson Power Plant	Texas	4937	1	19	2	3	3	3
T H Wharton	Texas	3469	THW31					
T H Wharton	Texas	3469	THW32					
T H Wharton	Texas	3469	THW33					
T H Wharton	Texas	3469	THW34					
T H Wharton	Texas	3469	THW41					
T H Wharton	Texas	3469	THW42					
T H Wharton	Texas	3469	THW43					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns V - AC		
Silas Ray	Texas	3559	10	0	0	0	0		
Silas Ray	Texas	3559	9	0	0	0	1		
Sim Gideon	Texas	3601	1	0	0	0	3		
Sim Gideon	Texas	3601	2	0	0	0	3		
Sim Gideon	Texas	3601	3	3	3	2	3		
South Houston Green Power Site	Texas	55470	EPN801	31	40	41	41		
South Houston Green Power Site	Texas	55470	EPN802	37	51	37	51		
South Houston Green Power Site	Texas	55470	EPN803	30	40	47	47		
Spencer	Texas	4266	4	0	0	0	1		
Spencer	Texas	4266	5	0	0	0	2		
Stryker Creek	Texas	3504	1	0	0	0	11		
Stryker Creek	Texas	3504	2	2	2	2	145		
Sweeny Cogeneration Facility	Texas	55015	1	2	3	2	3		
Sweeny Cogeneration Facility	Texas	55015	2	3	3	3	3		
Sweeny Cogeneration Facility	Texas	55015	3	2	2	3	3		
Sweeny Cogeneration Facility	Texas	55015	4	2	3	2	3		
Sweetwater Generating Plant	Texas	50615	GT01	0	0		0		
Sweetwater Generating Plant	Texas	50615	GT02	0	0		1		
Sweetwater Generating Plant	Texas	50615	GT03	0	0		1		
T C Ferguson Power Plant	Texas	4937	1	2	3	2	19		
T H Wharton	Texas	3469	THW31		0	0	0		
T H Wharton	Texas	3469	THW32		0	0	0		
T H Wharton	Texas	3469	THW33		0	0	0		
T H Wharton	Texas	3469	THW34		0	0	0		
T H Wharton	Texas	3469	THW41		0	0	0		
T H Wharton	Texas	3469	THW42		0	0	0		
T H Wharton	Texas	3469	THW43		0	0	0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Silas Ray	Texas	3559	10						1
Silas Ray	Texas	3559	9					31	32
Sim Gideon	Texas	3601	1					127	61
Sim Gideon	Texas	3601	2					129	42
Sim Gideon	Texas	3601	3					585	426
South Houston Green Power Site	Texas	55470	EPN801					2	54
South Houston Green Power Site	Texas	55470	EPN802					1	52
South Houston Green Power Site	Texas	55470	EPN803					3	47
Spencer	Texas	4266	4					11	20
Spencer	Texas	4266	5					30	25
Stryker Creek	Texas	3504	1					116	15
Stryker Creek	Texas	3504	2					590	209
Sweeny Cogeneration Facility	Texas	55015	1					406	377
Sweeny Cogeneration Facility	Texas	55015	2					288	69
Sweeny Cogeneration Facility	Texas	55015	3					361	355
Sweeny Cogeneration Facility	Texas	55015	4					420	406
Sweetwater Generating Plant	Texas	50615	GT01					55	35
Sweetwater Generating Plant	Texas	50615	GT02					225	73
Sweetwater Generating Plant	Texas	50615	GT03					271	55
T C Ferguson Power Plant	Texas	4937	1					825	604
T H Wharton	Texas	3469	THW31						
T H Wharton	Texas	3469	THW32						
T H Wharton	Texas	3469	THW33						
T H Wharton	Texas	3469	THW34						
T H Wharton	Texas	3469	THW41						
T H Wharton	Texas	3469	THW42						
T H Wharton	Texas	3469	THW43						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Silas Ray	Texas	3559	10	5	7	2	3	3
Silas Ray	Texas	3559	9	26	38	12	24	18
Sim Gideon	Texas	3601	1	69	112	76	93	79
Sim Gideon	Texas	3601	2	40	67	113	96	97
Sim Gideon	Texas	3601	3	319	395	435	547	340
South Houston Green Power Site	Texas	55470	EPN801	28	25	58	69	87
South Houston Green Power Site	Texas	55470	EPN802	51	43	64	77	92
South Houston Green Power Site	Texas	55470	EPN803	51	46	59	69	91
Spencer	Texas	4266	4	14	16	4	5	4
Spencer	Texas	4266	5	27	32	14	3	6
Stryker Creek	Texas	3504	1	38	76	70	52	61
Stryker Creek	Texas	3504	2	205	271	363	345	257
Sweeny Cogeneration Facility	Texas	55015	1	321	52	55	36	53
Sweeny Cogeneration Facility	Texas	55015	2	54	49	45	31	34
Sweeny Cogeneration Facility	Texas	55015	3	61	54	52	53	42
Sweeny Cogeneration Facility	Texas	55015	4	435	454	179	39	68
Sweetwater Generating Plant	Texas	50615	GT01	24	33	23	15	0
Sweetwater Generating Plant	Texas	50615	GT02	68	70	56	37	2
Sweetwater Generating Plant	Texas	50615	GT03	67	70	56	40	1
T C Ferguson Power Plant	Texas	4937	1	828	1,279	1,532	1,119	696
T H Wharton	Texas	3469	THW31				6	8
T H Wharton	Texas	3469	THW32				14	35
T H Wharton	Texas	3469	THW33				6	14
T H Wharton	Texas	3469	THW34				6	11
T H Wharton	Texas	3469	THW41				5	11
T H Wharton	Texas	3469	THW42				5	9
T H Wharton	Texas	3469	THW43				6	13

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
Silas Ray	Texas	3559	10	2	7				
Silas Ray	Texas	3559	9	14	38				
Sim Gideon	Texas	3601	1	45	127				
Sim Gideon	Texas	3601	2	62	129				
Sim Gideon	Texas	3601	3	159	585				
South Houston Green Power Site	Texas	55470	EPN801	98	98				
South Houston Green Power Site	Texas	55470	EPN802	84	92				
South Houston Green Power Site	Texas	55470	EPN803	99	99				
Spencer	Texas	4266	4	1	20				
Spencer	Texas	4266	5	7	32				
Stryker Creek	Texas	3504	1	35	116				
Stryker Creek	Texas	3504	2	228	590				
Sweeny Cogeneration Facility	Texas	55015	1	46	406				
Sweeny Cogeneration Facility	Texas	55015	2	36	288				
Sweeny Cogeneration Facility	Texas	55015	3	50	361				
Sweeny Cogeneration Facility	Texas	55015	4	85	454				
Sweetwater Generating Plant	Texas	50615	GT01		55				
Sweetwater Generating Plant	Texas	50615	GT02		225				
Sweetwater Generating Plant	Texas	50615	GT03		271				
T C Ferguson Power Plant	Texas	4937	1	450	1,532				
T H Wharton	Texas	3469	THW31	9	9				
T H Wharton	Texas	3469	THW32	34	35				
T H Wharton	Texas	3469	THW33	8	14				
T H Wharton	Texas	3469	THW34	8	11				
T H Wharton	Texas	3469	THW41	10	11				
T H Wharton	Texas	3469	THW42	8	9				
T H Wharton	Texas	3469	THW43	10	13				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
Silas Ray	Texas	3559	10				
Silas Ray	Texas	3559	9				
Sim Gideon	Texas	3601	1				
Sim Gideon	Texas	3601	2				
Sim Gideon	Texas	3601	3				
South Houston Green Power Site	Texas	55470	EPN801				
South Houston Green Power Site	Texas	55470	EPN802				
South Houston Green Power Site	Texas	55470	EPN803				
Spencer	Texas	4266	4				
Spencer	Texas	4266	5				
Stryker Creek	Texas	3504	1				
Stryker Creek	Texas	3504	2				
Sweeny Cogeneration Facility	Texas	55015	1				
Sweeny Cogeneration Facility	Texas	55015	2				
Sweeny Cogeneration Facility	Texas	55015	3				
Sweeny Cogeneration Facility	Texas	55015	4				
Sweetwater Generating Plant	Texas	50615	GT01				
Sweetwater Generating Plant	Texas	50615	GT02				
Sweetwater Generating Plant	Texas	50615	GT03				
T C Ferguson Power Plant	Texas	4937	1				
T H Wharton	Texas	3469	THW31				
T H Wharton	Texas	3469	THW32				
T H Wharton	Texas	3469	THW33				
T H Wharton	Texas	3469	THW34				
T H Wharton	Texas	3469	THW41				
T H Wharton	Texas	3469	THW42				
T H Wharton	Texas	3469	THW43				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
Silas Ray	Texas	3559	10				
Silas Ray	Texas	3559	9				
Sim Gideon	Texas	3601	1				
Sim Gideon	Texas	3601	2				
Sim Gideon	Texas	3601	3				
South Houston Green Power Site	Texas	55470	EPN801				
South Houston Green Power Site	Texas	55470	EPN802				
South Houston Green Power Site	Texas	55470	EPN803				
Spencer	Texas	4266	4				
Spencer	Texas	4266	5				
Stryker Creek	Texas	3504	1				
Stryker Creek	Texas	3504	2				
Sweeny Cogeneration Facility	Texas	55015	1				
Sweeny Cogeneration Facility	Texas	55015	2				
Sweeny Cogeneration Facility	Texas	55015	3				
Sweeny Cogeneration Facility	Texas	55015	4				
Sweetwater Generating Plant	Texas	50615	GT01				
Sweetwater Generating Plant	Texas	50615	GT02				
Sweetwater Generating Plant	Texas	50615	GT03				
T C Ferguson Power Plant	Texas	4937	1				
T H Wharton	Texas	3469	THW31				
T H Wharton	Texas	3469	THW32				
T H Wharton	Texas	3469	THW33				
T H Wharton	Texas	3469	THW34				
T H Wharton	Texas	3469	THW41				
T H Wharton	Texas	3469	THW42				
T H Wharton	Texas	3469	THW43				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
Silas Ray	Texas	3559	10	7	7	7	7
Silas Ray	Texas	3559	9	38	38	38	38
Sim Gideon	Texas	3601	1	72	72	72	72
Sim Gideon	Texas	3601	2	82	82	82	82
Sim Gideon	Texas	3601	3	465	465	465	465
South Houston Green Power Site	Texas	55470	EPN801	98	98	98	98
South Houston Green Power Site	Texas	55470	EPN802	92	92	92	92
South Houston Green Power Site	Texas	55470	EPN803	99	99	99	99
Spencer	Texas	4266	4	20	20	20	20
Spencer	Texas	4266	5	32	32	32	32
Stryker Creek	Texas	3504	1	33	33	33	33
Stryker Creek	Texas	3504	2	408	408	408	408
Sweeny Cogeneration Facility	Texas	55015	1	406	406	406	406
Sweeny Cogeneration Facility	Texas	55015	2	288	288	288	288
Sweeny Cogeneration Facility	Texas	55015	3	361	361	361	361
Sweeny Cogeneration Facility	Texas	55015	4	454	454	454	454
Sweetwater Generating Plant	Texas	50615	GT01	23	23	23	23
Sweetwater Generating Plant	Texas	50615	GT02	52	52	52	52
Sweetwater Generating Plant	Texas	50615	GT03	51	51	51	51
T C Ferguson Power Plant	Texas	4937	1	503	503	503	503
T H Wharton	Texas	3469	THW31	9	9	9	9
T H Wharton	Texas	3469	THW32	35	35	35	35
T H Wharton	Texas	3469	THW33	14	14	14	14
T H Wharton	Texas	3469	THW34	11	11	11	11
T H Wharton	Texas	3469	THW41	11	11	11	11
T H Wharton	Texas	3469	THW42	9	9	9	9
T H Wharton	Texas	3469	THW43	13	13	13	13

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)		
Calculation				(Lesser of columns AS, AX, and U) + reapportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reapportionment if U < (AS and AY)			
Silas Ray	Texas	3559	10	7	7	560,307	104,796	208,203
Silas Ray	Texas	3559	9	38	38	778,339	91,251	551,564
Sim Gideon	Texas	3601	1	72	72	978,797	423,159	816,583
Sim Gideon	Texas	3601	2	82	82	749,249	596,200	872,385
Sim Gideon	Texas	3601	3	465	465	3,343,907	4,109,880	4,350,381
South Houston Green Power Site	Texas	55470	EPN801	98	98	4,082,899	6,280,158	6,109,371
South Houston Green Power Site	Texas	55470	EPN802	92	92	5,100,245	6,441,701	6,144,767
South Houston Green Power Site	Texas	55470	EPN803	99	99	4,016,696	6,375,948	5,908,353
Spencer	Texas	4266	4	20	20	549,754	117,729	228,837
Spencer	Texas	4266	5	32	32	894,187	276,914	160,760
Stryker Creek	Texas	3504	1	33	33	506,424	468,617	482,632
Stryker Creek	Texas	3504	2	408	408	3,989,442	4,525,692	4,894,377
Sweeny Cogeneration Facility	Texas	55015	1	406	406	4,927,059	5,226,258	2,057,027
Sweeny Cogeneration Facility	Texas	55015	2	288	288	4,364,131	5,091,089	3,287,680
Sweeny Cogeneration Facility	Texas	55015	3	361	361	4,859,532	4,470,466	3,806,026
Sweeny Cogeneration Facility	Texas	55015	4	454	454	5,167,220	3,696,667	3,150,118
Sweetwater Generating Plant	Texas	50615	GT01	23	23	437,301	210,486	204,977
Sweetwater Generating Plant	Texas	50615	GT02	52	52	953,581	482,016	443,835
Sweetwater Generating Plant	Texas	50615	GT03	51	51	923,617	513,686	433,565
T C Ferguson Power Plant	Texas	4937	1	503	503	4,599,020	3,486,674	2,837,324
T H Wharton	Texas	3469	THW31	9	9			629,200
T H Wharton	Texas	3469	THW32	35	35			506,672
T H Wharton	Texas	3469	THW33	14	14			620,261
T H Wharton	Texas	3469	THW34	11	11			611,995
T H Wharton	Texas	3469	THW41	11	11			631,268
T H Wharton	Texas	3469	THW42	9	9			559,771
T H Wharton	Texas	3469	THW43	13	13			590,241

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Silas Ray	Texas	3559	10	177,970	229,810	332,773	1,726,255,329	0.000193
Silas Ray	Texas	3559	9	402,761	437,884	589,262	1,726,255,329	0.000341
Sim Gideon	Texas	3601	1	810,357	449,449	868,579	1,726,255,329	0.000503
Sim Gideon	Texas	3601	2	880,583	437,258	834,072	1,726,255,329	0.000483
Sim Gideon	Texas	3601	3	4,288,269	3,979,361	4,249,510	1,726,255,329	0.002462
South Houston Green Power Site	Texas	55470	EPN801	7,074,104	7,244,331	6,866,198	1,726,255,329	0.003978
South Houston Green Power Site	Texas	55470	EPN802	7,367,084	7,083,804	6,964,196	1,726,255,329	0.004034
South Houston Green Power Site	Texas	55470	EPN803	7,019,235	6,842,272	6,745,818	1,726,255,329	0.003908
Spencer	Texas	4266	4	165,628		314,740	1,726,255,329	0.000182
Spencer	Texas	4266	5	331,136	227,438	500,746	1,726,255,329	0.000290
Stryker Creek	Texas	3504	1	385,333	211,820	485,891	1,726,255,329	0.000281
Stryker Creek	Texas	3504	2	3,123,654	3,326,819	4,469,837	1,726,255,329	0.002589
Sweeny Cogeneration Facility	Texas	55015	1	4,954,065	3,491,188	5,035,794	1,726,255,329	0.002917
Sweeny Cogeneration Facility	Texas	55015	2	4,650,321	4,792,384	4,844,598	1,726,255,329	0.002806
Sweeny Cogeneration Facility	Texas	55015	3	2,830,259	3,850,984	4,393,660	1,726,255,329	0.002545
Sweeny Cogeneration Facility	Texas	55015	4	4,555,011	3,375,901	4,472,966	1,726,255,329	0.002591
Sweetwater Generating Plant	Texas	50615	GT01			284,255	1,726,255,329	0.000165
Sweetwater Generating Plant	Texas	50615	GT02			626,477	1,726,255,329	0.000363
Sweetwater Generating Plant	Texas	50615	GT03			623,622	1,726,255,329	0.000361
T C Ferguson Power Plant	Texas	4937	1	5,907,900	3,521,800	4,676,240	1,726,255,329	0.002709
T H Wharton	Texas	3469	THW31	722,939	650,171	667,437	1,726,255,329	0.000387
T H Wharton	Texas	3469	THW32	748,502	721,256	658,810	1,726,255,329	0.000382
T H Wharton	Texas	3469	THW33	766,505	717,908	701,558	1,726,255,329	0.000406
T H Wharton	Texas	3469	THW34	827,001	716,549	718,515	1,726,255,329	0.000416
T H Wharton	Texas	3469	THW41	830,044	732,525	731,279	1,726,255,329	0.000424
T H Wharton	Texas	3469	THW42	736,315	710,268	668,785	1,726,255,329	0.000387
T H Wharton	Texas	3469	THW43	889,661	753,084	744,329	1,726,255,329	0.000431

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
Silas Ray	Texas	3559	10	62,938	62,938	12	12		
Silas Ray	Texas	3559	9	62,938	62,938	21	21	23	18
Sim Gideon	Texas	3601	1	62,938	62,938	32	32	80	13
Sim Gideon	Texas	3601	2	62,938	62,938	30	30	78	10
Sim Gideon	Texas	3601	3	62,938	62,938	155	155	280	177
South Houston Green Power Site	Texas	55470	EPN801	62,938	62,938	250	250		24
South Houston Green Power Site	Texas	55470	EPN802	62,938	62,938	254	254		25
South Houston Green Power Site	Texas	55470	EPN803	62,938	62,938	246	246	1	25
Spencer	Texas	4266	4	62,938	62,938	11	11	9	15
Spencer	Texas	4266	5	62,938	62,938	18	18	19	12
Stryker Creek	Texas	3504	1	62,938	62,938	18	18	54	8
Stryker Creek	Texas	3504	2	62,938	62,938	163	163	305	150
Sweeny Cogeneration Facility	Texas	55015	1	62,938	62,938	184	184	152	157
Sweeny Cogeneration Facility	Texas	55015	2	62,938	62,938	177	177	134	21
Sweeny Cogeneration Facility	Texas	55015	3	62,938	62,938	160	160	95	174
Sweeny Cogeneration Facility	Texas	55015	4	62,938	62,938	163	163	178	169
Sweetwater Generating Plant	Texas	50615	GT01	62,938	62,938	10	10	31	17
Sweetwater Generating Plant	Texas	50615	GT02	62,938	62,938	23	23	112	35
Sweetwater Generating Plant	Texas	50615	GT03	62,938	62,938	23	23	97	27
T C Ferguson Power Plant	Texas	4937	1	62,938	62,938	170	170	485	303
T H Wharton	Texas	3469	THW31	62,938	62,938	24	24		
T H Wharton	Texas	3469	THW32	62,938	62,938	24	24		
T H Wharton	Texas	3469	THW33	62,938	62,938	26	26		
T H Wharton	Texas	3469	THW34	62,938	62,938	26	26		
T H Wharton	Texas	3469	THW41	62,938	62,938	27	27		
T H Wharton	Texas	3469	THW42	62,938	62,938	24	24		
T H Wharton	Texas	3469	THW43	62,938	62,938	27	27		

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Silas Ray	Texas	3559	10	2	4	1	1	1	2
Silas Ray	Texas	3559	9	11	21	3	16	13	13
Sim Gideon	Texas	3601	1	40	83	28	59	44	21
Sim Gideon	Texas	3601	2	28	50	41	60	48	28
Sim Gideon	Texas	3601	3	168	220	181	247	166	61
South Houston Green Power Site	Texas	55470	EPN801	22	15	26	31	37	43
South Houston Green Power Site	Texas	55470	EPN802	23	19	26	33	39	41
South Houston Green Power Site	Texas	55470	EPN803	25	17	25	30	39	41
Spencer	Texas	4266	4	11	10	2	4	3	
Spencer	Texas	4266	5	18	18	5	3	6	5
Stryker Creek	Texas	3504	1	31	63	54	38	50	22
Stryker Creek	Texas	3504	2	132	166	203	209	125	148
Sweeny Cogeneration Facility	Texas	55015	1	150	23	24	11	23	17
Sweeny Cogeneration Facility	Texas	55015	2	20	17	20	11	16	17
Sweeny Cogeneration Facility	Texas	55015	3	22	23	20	37	13	20
Sweeny Cogeneration Facility	Texas	55015	4	163	186	46	16	24	18
Sweetwater Generating Plant	Texas	50615	GT01	16	25	11	9		
Sweetwater Generating Plant	Texas	50615	GT02	50	51	23	23		
Sweetwater Generating Plant	Texas	50615	GT03	50	52	27	23		
T C Ferguson Power Plant	Texas	4937	1	467	518	490	367	413	216
T H Wharton	Texas	3469	THW31				4	5	5
T H Wharton	Texas	3469	THW32				8	22	22
T H Wharton	Texas	3469	THW33				4	7	5
T H Wharton	Texas	3469	THW34				4	6	5
T H Wharton	Texas	3469	THW41				4	6	6
T H Wharton	Texas	3469	THW42				3	4	5
T H Wharton	Texas	3469	THW43				4	7	6

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Silas Ray	Texas	3559	10	4					
Silas Ray	Texas	3559	9	23					
Sim Gideon	Texas	3601	1	83					
Sim Gideon	Texas	3601	2	78					
Sim Gideon	Texas	3601	3	280					
South Houston Green Power Site	Texas	55470	EPN801	43					
South Houston Green Power Site	Texas	55470	EPN802	41					
South Houston Green Power Site	Texas	55470	EPN803	41					
Spencer	Texas	4266	4	15					
Spencer	Texas	4266	5	19					
Stryker Creek	Texas	3504	1	63					
Stryker Creek	Texas	3504	2	305					
Sweeny Cogeneration Facility	Texas	55015	1	157					
Sweeny Cogeneration Facility	Texas	55015	2	134					
Sweeny Cogeneration Facility	Texas	55015	3	174					
Sweeny Cogeneration Facility	Texas	55015	4	186					
Sweetwater Generating Plant	Texas	50615	GT01	31					
Sweetwater Generating Plant	Texas	50615	GT02	112					
Sweetwater Generating Plant	Texas	50615	GT03	97					
T C Ferguson Power Plant	Texas	4937	1	518					
T H Wharton	Texas	3469	THW31	5					
T H Wharton	Texas	3469	THW32	22					
T H Wharton	Texas	3469	THW33	7					
T H Wharton	Texas	3469	THW34	6					
T H Wharton	Texas	3469	THW41	6					
T H Wharton	Texas	3469	THW42	5					
T H Wharton	Texas	3469	THW43	7					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Silas Ray	Texas	3559	10			4	4
Silas Ray	Texas	3559	9			23	23
Sim Gideon	Texas	3601	1			46	46
Sim Gideon	Texas	3601	2			44	44
Sim Gideon	Texas	3601	3			225	225
South Houston Green Power Site	Texas	55470	EPN801			43	43
South Houston Green Power Site	Texas	55470	EPN802			41	41
South Houston Green Power Site	Texas	55470	EPN803			41	41
Spencer	Texas	4266	4			15	15
Spencer	Texas	4266	5			19	19
Stryker Creek	Texas	3504	1			26	26
Stryker Creek	Texas	3504	2			237	237
Sweeny Cogeneration Facility	Texas	55015	1			157	157
Sweeny Cogeneration Facility	Texas	55015	2			134	134
Sweeny Cogeneration Facility	Texas	55015	3			174	174
Sweeny Cogeneration Facility	Texas	55015	4			186	186
Sweetwater Generating Plant	Texas	50615	GT01			15	15
Sweetwater Generating Plant	Texas	50615	GT02			33	33
Sweetwater Generating Plant	Texas	50615	GT03			33	33
T C Ferguson Power Plant	Texas	4937	1			248	248
T H Wharton	Texas	3469	THW31			5	5
T H Wharton	Texas	3469	THW32			22	22
T H Wharton	Texas	3469	THW33			7	7
T H Wharton	Texas	3469	THW34			6	6
T H Wharton	Texas	3469	THW41			6	6
T H Wharton	Texas	3469	THW42			5	5
T H Wharton	Texas	3469	THW43			7	7

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
Silas Ray	Texas	3559	10	4	4	4	4
Silas Ray	Texas	3559	9	23	23	23	23
Sim Gideon	Texas	3601	1	46	46	46	46
Sim Gideon	Texas	3601	2	44	44	44	44
Sim Gideon	Texas	3601	3	225	225	225	225
South Houston Green Power Site	Texas	55470	EPN801	43	43	43	43
South Houston Green Power Site	Texas	55470	EPN802	41	41	41	41
South Houston Green Power Site	Texas	55470	EPN803	41	41	41	41
Spencer	Texas	4266	4	15	15	15	15
Spencer	Texas	4266	5	19	19	19	19
Stryker Creek	Texas	3504	1	26	26	26	26
Stryker Creek	Texas	3504	2	237	237	237	237
Sweeny Cogeneration Facility	Texas	55015	1	157	157	157	157
Sweeny Cogeneration Facility	Texas	55015	2	134	134	134	134
Sweeny Cogeneration Facility	Texas	55015	3	174	174	174	174
Sweeny Cogeneration Facility	Texas	55015	4	186	186	186	186
Sweetwater Generating Plant	Texas	50615	GT01	15	15	15	15
Sweetwater Generating Plant	Texas	50615	GT02	33	33	33	33
Sweetwater Generating Plant	Texas	50615	GT03	33	33	33	33
T C Ferguson Power Plant	Texas	4937	1	248	248	248	248
T H Wharton	Texas	3469	THW31	5	5	5	5
T H Wharton	Texas	3469	THW32	22	22	22	22
T H Wharton	Texas	3469	THW33	7	7	7	7
T H Wharton	Texas	3469	THW34	6	6	6	6
T H Wharton	Texas	3469	THW41	6	6	6	6
T H Wharton	Texas	3469	THW42	5	5	5	5
T H Wharton	Texas	3469	THW43	7	7	7	7

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Silas Ray	Texas	3559	10	Y		Y	Y		
Silas Ray	Texas	3559	9	Y		Y	Y		
Sim Gideon	Texas	3601	1	Y		Y	Y		
Sim Gideon	Texas	3601	2	Y		Y	Y		
Sim Gideon	Texas	3601	3	Y		Y	Y		
South Houston Green Power Site	Texas	55470	EPN801	Y		Y	Y		
South Houston Green Power Site	Texas	55470	EPN802	Y		Y	Y		
South Houston Green Power Site	Texas	55470	EPN803	Y		Y	Y		
Spencer	Texas	4266	4	Y		Y	Y		
Spencer	Texas	4266	5	Y		Y	Y		
Stryker Creek	Texas	3504	1	Y		Y	Y		
Stryker Creek	Texas	3504	2	Y		Y	Y		
Sweeny Cogeneration Facility	Texas	55015	1	Y		Y	Y		
Sweeny Cogeneration Facility	Texas	55015	2	Y		Y	Y		
Sweeny Cogeneration Facility	Texas	55015	3	Y		Y	Y		
Sweeny Cogeneration Facility	Texas	55015	4	Y		Y	Y		
Sweetwater Generating Plant	Texas	50615	GT01	Y		Y	Y		
Sweetwater Generating Plant	Texas	50615	GT02	Y		Y	Y		
Sweetwater Generating Plant	Texas	50615	GT03	Y		Y	Y		
T C Ferguson Power Plant	Texas	4937	1	Y		Y	Y		
T H Wharton	Texas	3469	THW31	Y		Y	Y		
T H Wharton	Texas	3469	THW32	Y		Y	Y		
T H Wharton	Texas	3469	THW33	Y		Y	Y		
T H Wharton	Texas	3469	THW34	Y		Y	Y		
T H Wharton	Texas	3469	THW41	Y		Y	Y		
T H Wharton	Texas	3469	THW42	Y		Y	Y		
T H Wharton	Texas	3469	THW43	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
T H Wharton	Texas	3469	THW44	89965			792,486	1,343,080	1,058,463
T H Wharton	Texas	3469	THW51	89966			123,895	158,662	156,140
T H Wharton	Texas	3469	THW52	89967			115,429	223,251	165,356
T H Wharton	Texas	3469	THW53	89968				198,515	143,588
T H Wharton	Texas	3469	THW54	89969				148,250	159,206
T H Wharton	Texas	3469	THW55	89970			113,973		195,341
T H Wharton	Texas	3469	THW56	89971			121,157		197,059
Tenaska Frontier Generation Station	Texas	55062	1	3843	10,679,119	9,927,982	12,064,068	12,467,664	10,152,167
Tenaska Frontier Generation Station	Texas	55062	2	3844	9,460,541	11,893,095	12,211,806	12,366,426	9,130,532
Tenaska Frontier Generation Station	Texas	55062	3	3845	9,177,834	10,099,560	10,333,988	12,268,533	7,505,848
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	3970	10,188,661	10,327,204	8,126,275	6,379,785	8,115,234
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	3971	10,857,946	9,546,167	7,889,970	6,510,434	8,000,145
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	3972	10,152,707	9,272,399	8,250,507	6,338,161	7,120,888
Texas City Cogeneration	Texas	52088	GT-A	89949			3,283,173	1,754,940	1,243,049
Texas City Cogeneration	Texas	52088	GT-B	89950			8,495,365	7,618,708	6,495,691
Texas City Cogeneration	Texas	52088	GT-C	89951			7,289,259	9,520,331	8,243,378
Texas Petrochemicals	Texas	50229	TPCBLR		15,736,888	13,368,353	8,980,819	9,834,200	
Tolk Station	Texas	6194	171B	2841	30,985,535	36,492,051	40,116,210	33,875,149	39,861,511
Tolk Station	Texas	6194	172B	2842	38,451,725	37,958,618	35,236,533	40,247,195	40,513,042
Tradinghouse	Texas	3506	1	2431	2,440,219	1,263,668	1,242,785		
Tradinghouse	Texas	3506	2	2432	3,926,231	3,424,123	4,160,177	2,957,701	2,728,023
Trinidad	Texas	3507	9	2435	743,870	950,239	918,819	758,464	424,986
Twin Oaks	Texas	7030	U1	2920	11,723,500	12,464,301	13,895,239	11,858,569	12,910,726
Twin Oaks	Texas	7030	U2	2921	13,585,310	12,687,312	12,044,541	11,314,229	10,986,884
Union Carbide Seadrift Cogen	Texas	50150	GE11		2,622,297	2,633,641	2,517,696	2,453,896	
Union Carbide Seadrift Cogen	Texas	50150	GEN6		2,622,297	2,633,641	2,517,696	2,453,896	
Union Carbide Seadrift Cogen	Texas	50150	GEN8		2,622,297	2,633,641	2,517,696	2,453,896	

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
T H Wharton	Texas	3469	THW44	1,064,676	3,511,906,933	0.000303	279,747	279,747
T H Wharton	Texas	3469	THW51	146,233	3,511,906,933	0.000042	279,747	279,747
T H Wharton	Texas	3469	THW52	168,012	3,511,906,933	0.000048	279,747	279,747
T H Wharton	Texas	3469	THW53	171,051	3,511,906,933	0.000049	279,747	279,747
T H Wharton	Texas	3469	THW54	153,728	3,511,906,933	0.000044	279,747	279,747
T H Wharton	Texas	3469	THW55	154,657	3,511,906,933	0.000044	279,747	279,747
T H Wharton	Texas	3469	THW56	159,108	3,511,906,933	0.000045	279,747	279,747
Tenaska Frontier Generation Station	Texas	55062	1	11,736,950	3,511,906,933	0.003342	279,747	279,747
Tenaska Frontier Generation Station	Texas	55062	2	12,157,109	3,511,906,933	0.003462	279,747	279,747
Tenaska Frontier Generation Station	Texas	55062	3	10,900,694	3,511,906,933	0.003104	279,747	279,747
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	9,547,380	3,511,906,933	0.002719	279,747	279,747
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	9,468,086	3,511,906,933	0.002696	279,747	279,747
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	9,225,204	3,511,906,933	0.002627	279,747	279,747
Texas City Cogeneration	Texas	52088	GT-A	2,093,721	3,511,906,933	0.000596	279,747	279,747
Texas City Cogeneration	Texas	52088	GT-B	7,536,588	3,511,906,933	0.002146	279,747	279,747
Texas City Cogeneration	Texas	52088	GT-C	8,350,989	3,511,906,933	0.002378	279,747	279,747
Texas Petrochemicals	Texas	50229	TPCBLR	12,979,814	3,511,906,933	0.003696	279,747	279,747
Tolk Station	Texas	6194	171B	38,823,257	3,511,906,933	0.011055	279,747	279,747
Tolk Station	Texas	6194	172B	39,737,321	3,511,906,933	0.011315	279,747	279,747
Tradinghouse	Texas	3506	1	1,648,890	3,511,906,933	0.000470	279,747	279,747
Tradinghouse	Texas	3506	2	3,836,844	3,511,906,933	0.001093	279,747	279,747
Trinidad	Texas	3507	9	875,841	3,511,906,933	0.000249	279,747	279,747
Twin Oaks	Texas	7030	U1	13,090,089	3,511,906,933	0.003727	279,747	279,747
Twin Oaks	Texas	7030	U2	12,772,388	3,511,906,933	0.003637	279,747	279,747
Union Carbide Seadrift Cogen	Texas	50150	GE11	2,591,212	3,511,906,933	0.000738	279,747	279,747
Union Carbide Seadrift Cogen	Texas	50150	GEN6	2,591,212	3,511,906,933	0.000738	279,747	279,747
Union Carbide Seadrift Cogen	Texas	50150	GEN8	2,591,212	3,511,906,933	0.000738	279,747	279,747

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
T H Wharton	Texas	3469	THW44	132,193	132,193	85	85	40	40
T H Wharton	Texas	3469	THW51	132,193	132,193	12	12	6	6
T H Wharton	Texas	3469	THW52	132,193	132,193	13	13	6	6
T H Wharton	Texas	3469	THW53	132,193	132,193	14	14	6	6
T H Wharton	Texas	3469	THW54	132,193	132,193	12	12	6	6
T H Wharton	Texas	3469	THW55	132,193	132,193	12	12	6	6
T H Wharton	Texas	3469	THW56	132,193	132,193	13	13	6	6
Tenaska Frontier Generation Station	Texas	55062	1	132,193	132,193	935	935	442	442
Tenaska Frontier Generation Station	Texas	55062	2	132,193	132,193	968	968	458	458
Tenaska Frontier Generation Station	Texas	55062	3	132,193	132,193	868	868	410	410
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	132,193	132,193	761	761	359	359
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	132,193	132,193	754	754	356	356
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	132,193	132,193	735	735	347	347
Texas City Cogeneration	Texas	52088	GT-A	132,193	132,193	167	167	79	79
Texas City Cogeneration	Texas	52088	GT-B	132,193	132,193	600	600	284	284
Texas City Cogeneration	Texas	52088	GT-C	132,193	132,193	665	665	314	314
Texas Petrochemicals	Texas	50229	TPCBLR	132,193	132,193	1,034	1,034	489	489
Tolk Station	Texas	6194	171B	132,193	132,193	3,093	3,093	1,461	1,461
Tolk Station	Texas	6194	172B	132,193	132,193	3,165	3,165	1,496	1,496
Tradinghouse	Texas	3506	1	132,193	132,193	131	131	62	62
Tradinghouse	Texas	3506	2	132,193	132,193	306	306	144	144
Trinidad	Texas	3507	9	132,193	132,193	70	70	33	33
Twin Oaks	Texas	7030	U1	132,193	132,193	1,043	1,043	493	493
Twin Oaks	Texas	7030	U2	132,193	132,193	1,017	1,017	481	481
Union Carbide Seadrift Cogen	Texas	50150	GE11	132,193	132,193	206	206	98	98
Union Carbide Seadrift Cogen	Texas	50150	GEN6	132,193	132,193	206	206	98	98
Union Carbide Seadrift Cogen	Texas	50150	GEN8	132,193	132,193	206	206	98	98

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
T H Wharton	Texas	3469	THW44					
T H Wharton	Texas	3469	THW51					
T H Wharton	Texas	3469	THW52					
T H Wharton	Texas	3469	THW53					
T H Wharton	Texas	3469	THW54					
T H Wharton	Texas	3469	THW55					
T H Wharton	Texas	3469	THW56					
Tenaska Frontier Generation Station	Texas	55062	1	3	3	3	3	3
Tenaska Frontier Generation Station	Texas	55062	2	3	3	3	3	4
Tenaska Frontier Generation Station	Texas	55062	3	3	3	3	3	3
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	3	3	3	3	3
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	3	3	3	3	3
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	3	3	3	3	3
Texas City Cogeneration	Texas	52088	GT-A					
Texas City Cogeneration	Texas	52088	GT-B					
Texas City Cogeneration	Texas	52088	GT-C					
Texas Petrochemicals	Texas	50229	TPCBLR		31	31		25
Tolk Station	Texas	6194	171B	13,633	11,397	12,109	9,801	9,545
Tolk Station	Texas	6194	172B	13,333	10,951	8,227	10,841	9,328
Tradinghouse	Texas	3506	1	2	0	0	1	0
Tradinghouse	Texas	3506	2	21	1	1	1	5
Trinidad	Texas	3507	9	97	1	44	6	2
Twin Oaks	Texas	7030	U1	2,413	2,700	2,932	2,451	2,243
Twin Oaks	Texas	7030	U2	2,691	2,440	2,550	2,621	2,321
Union Carbide Seadrift Cogen	Texas	50150	GE11		4	4		4
Union Carbide Seadrift Cogen	Texas	50150	GEN6		5	5		5
Union Carbide Seadrift Cogen	Texas	50150	GEN8		4	4		4

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
Calculation									
T H Wharton	Texas	3469	THW44		0	0	0		
T H Wharton	Texas	3469	THW51		0	0	0		
T H Wharton	Texas	3469	THW52		0	0	0		
T H Wharton	Texas	3469	THW53		0	0	0		
T H Wharton	Texas	3469	THW54		0	0	0		
T H Wharton	Texas	3469	THW55			0	0		
T H Wharton	Texas	3469	THW56			0	0		
Tenaska Frontier Generation Station	Texas	55062	1	4	4	3	4		
Tenaska Frontier Generation Station	Texas	55062	2	4	4	3	4		
Tenaska Frontier Generation Station	Texas	55062	3	3	4	2	4		
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	2	2	2	3		
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	9	2	2	9		
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	3	2	2	3		
Texas City Cogeneration	Texas	52088	GT-A	1	1	0	1		
Texas City Cogeneration	Texas	52088	GT-B	3	2	2	3		
Texas City Cogeneration	Texas	52088	GT-C	2	3	2	3		
Texas Petrochemicals	Texas	50229	TPCBLR				31		
Tolk Station	Texas	6194	171B	11,260	10,681	12,412	13,633		
Tolk Station	Texas	6194	172B	8,917	11,960	12,062	13,333		
Tradinghouse	Texas	3506	1	0			2		
Tradinghouse	Texas	3506	2	1	1	1	21		
Trinidad	Texas	3507	9	0	0	0	97		
Twin Oaks	Texas	7030	U1	2,325	2,471	2,975	2,975		
Twin Oaks	Texas	7030	U2	2,131	2,235	2,429	2,691		
Union Carbide Seadrift Cogen	Texas	50150	GE11				4		
Union Carbide Seadrift Cogen	Texas	50150	GEN6				5		
Union Carbide Seadrift Cogen	Texas	50150	GEN8				4		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
T H Wharton	Texas	3469	THW44						
T H Wharton	Texas	3469	THW51						
T H Wharton	Texas	3469	THW52						
T H Wharton	Texas	3469	THW53						
T H Wharton	Texas	3469	THW54						
T H Wharton	Texas	3469	THW55						
T H Wharton	Texas	3469	THW56						
Tenaska Frontier Generation Station	Texas	55062	1					165	157
Tenaska Frontier Generation Station	Texas	55062	2					148	160
Tenaska Frontier Generation Station	Texas	55062	3					146	159
Tenaska Gateway Generating Station	Texas	55132	OGTDB1					134	125
Tenaska Gateway Generating Station	Texas	55132	OGTDB2					129	130
Tenaska Gateway Generating Station	Texas	55132	OGTDB3					119	119
Texas City Cogeneration	Texas	52088	GT-A						
Texas City Cogeneration	Texas	52088	GT-B						
Texas City Cogeneration	Texas	52088	GT-C						
Texas Petrochemicals	Texas	50229	TPCBLR						1,220
Tolk Station	Texas	6194	171B					6,509	6,288
Tolk Station	Texas	6194	172B					6,570	5,447
Tradinghouse	Texas	3506	1					503	112
Tradinghouse	Texas	3506	2					1,918	207
Trinidad	Texas	3507	9					231	67
Twin Oaks	Texas	7030	U1					1,157	1,263
Twin Oaks	Texas	7030	U2					1,121	974
Union Carbide Seadrift Cogen	Texas	50150	GE11						66
Union Carbide Seadrift Cogen	Texas	50150	GEN6						82
Union Carbide Seadrift Cogen	Texas	50150	GEN8						74

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
T H Wharton	Texas	3469	THW44				20	49
T H Wharton	Texas	3469	THW51				27	12
T H Wharton	Texas	3469	THW52				26	19
T H Wharton	Texas	3469	THW53					14
T H Wharton	Texas	3469	THW54					10
T H Wharton	Texas	3469	THW55				25	
T H Wharton	Texas	3469	THW56				29	
Tenaska Frontier Generation Station	Texas	55062	1	176	189	184	224	240
Tenaska Frontier Generation Station	Texas	55062	2	202	154	228	247	252
Tenaska Frontier Generation Station	Texas	55062	3	195	169	179	189	226
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	144	153	147	121	99
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	141	149	131	143	109
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	131	162	133	109	97
Texas City Cogeneration	Texas	52088	GT-A				240	134
Texas City Cogeneration	Texas	52088	GT-B				91	110
Texas City Cogeneration	Texas	52088	GT-C				100	142
Texas Petrochemicals	Texas	50229	TPCBLR	1,038		1,275		
Tolk Station	Texas	6194	171B	6,368	4,313	3,704	3,944	3,332
Tolk Station	Texas	6194	172B	4,686	5,165	4,516	3,514	3,832
Tradinghouse	Texas	3506	1	100	177	105	118	
Tradinghouse	Texas	3506	2	290	313	367	431	230
Trinidad	Texas	3507	9	61	65	81	74	64
Twin Oaks	Texas	7030	U1	1,258	910	941	1,078	786
Twin Oaks	Texas	7030	U2	1,017	1,092	975	899	692
Union Carbide Seadrift Cogen	Texas	50150	GE11	360		65		
Union Carbide Seadrift Cogen	Texas	50150	GEN6	446		80		
Union Carbide Seadrift Cogen	Texas	50150	GEN8	403		72		

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
Calculation					Highest value of columns AK - AR				
T H Wharton	Texas	3469	THW44	39	49				
T H Wharton	Texas	3469	THW51	13	27				
T H Wharton	Texas	3469	THW52	14	26				
T H Wharton	Texas	3469	THW53	10	14				
T H Wharton	Texas	3469	THW54	11	11				
T H Wharton	Texas	3469	THW55	13	25				
T H Wharton	Texas	3469	THW56	14	29				
Tenaska Frontier Generation Station	Texas	55062	1	197	240				
Tenaska Frontier Generation Station	Texas	55062	2	179	252				
Tenaska Frontier Generation Station	Texas	55062	3	137	226				
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	112	153				
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	127	149				
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	104	162				
Texas City Cogeneration	Texas	52088	GT-A	93	240				
Texas City Cogeneration	Texas	52088	GT-B	126	126				
Texas City Cogeneration	Texas	52088	GT-C	122	142				
Texas Petrochemicals	Texas	50229	TPCBLR		1,275				
Tolk Station	Texas	6194	171B	3,932	6,509				
Tolk Station	Texas	6194	172B	3,603	6,570				
Tradinghouse	Texas	3506	1		503				
Tradinghouse	Texas	3506	2	283	1,918				
Trinidad	Texas	3507	9	39	231				
Twin Oaks	Texas	7030	U1	722	1,263				
Twin Oaks	Texas	7030	U2	577	1,121				
Union Carbide Seadrift Cogen	Texas	50150	GE11		360				
Union Carbide Seadrift Cogen	Texas	50150	GEN6		446				
Union Carbide Seadrift Cogen	Texas	50150	GEN8		403				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)
T H Wharton	Texas	3469	THW44				
T H Wharton	Texas	3469	THW51				
T H Wharton	Texas	3469	THW52				
T H Wharton	Texas	3469	THW53				
T H Wharton	Texas	3469	THW54				
T H Wharton	Texas	3469	THW55				
T H Wharton	Texas	3469	THW56				
Tenaska Frontier Generation Station	Texas	55062	1				
Tenaska Frontier Generation Station	Texas	55062	2				
Tenaska Frontier Generation Station	Texas	55062	3				
Tenaska Gateway Generating Station	Texas	55132	OGTDB1				
Tenaska Gateway Generating Station	Texas	55132	OGTDB2				
Tenaska Gateway Generating Station	Texas	55132	OGTDB3				
Texas City Cogeneration	Texas	52088	GT-A				
Texas City Cogeneration	Texas	52088	GT-B				
Texas City Cogeneration	Texas	52088	GT-C				
Texas Petrochemicals	Texas	50229	TPCBLR				
Tolk Station	Texas	6194	171B				
Tolk Station	Texas	6194	172B				
Tradinghouse	Texas	3506	1				
Tradinghouse	Texas	3506	2				
Trinidad	Texas	3507	9				
Twin Oaks	Texas	7030	U1				
Twin Oaks	Texas	7030	U2				
Union Carbide Seadrift Cogen	Texas	50150	GE11				
Union Carbide Seadrift Cogen	Texas	50150	GEN6				
Union Carbide Seadrift Cogen	Texas	50150	GEN8				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
T H Wharton	Texas	3469	THW44				
T H Wharton	Texas	3469	THW51				
T H Wharton	Texas	3469	THW52				
T H Wharton	Texas	3469	THW53				
T H Wharton	Texas	3469	THW54				
T H Wharton	Texas	3469	THW55				
T H Wharton	Texas	3469	THW56				
Tenaska Frontier Generation Station	Texas	55062	1				
Tenaska Frontier Generation Station	Texas	55062	2				
Tenaska Frontier Generation Station	Texas	55062	3				
Tenaska Gateway Generating Station	Texas	55132	OGTDB1				
Tenaska Gateway Generating Station	Texas	55132	OGTDB2				
Tenaska Gateway Generating Station	Texas	55132	OGTDB3				
Texas City Cogeneration	Texas	52088	GT-A				
Texas City Cogeneration	Texas	52088	GT-B				
Texas City Cogeneration	Texas	52088	GT-C				
Texas Petrochemicals	Texas	50229	TPCBLR				
Tolk Station	Texas	6194	171B				
Tolk Station	Texas	6194	172B				
Tradinghouse	Texas	3506	1				
Tradinghouse	Texas	3506	2				
Trinidad	Texas	3507	9				
Twin Oaks	Texas	7030	U1				
Twin Oaks	Texas	7030	U2				
Union Carbide Seadrift Cogen	Texas	50150	GE11				
Union Carbide Seadrift Cogen	Texas	50150	GEN6				
Union Carbide Seadrift Cogen	Texas	50150	GEN8				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
T H Wharton	Texas	3469	THW44	49	49	49	49
T H Wharton	Texas	3469	THW51	8	8	8	8
T H Wharton	Texas	3469	THW52	9	9	9	9
T H Wharton	Texas	3469	THW53	9	9	9	9
T H Wharton	Texas	3469	THW54	8	8	8	8
T H Wharton	Texas	3469	THW55	8	8	8	8
T H Wharton	Texas	3469	THW56	8	8	8	8
Tenaska Frontier Generation Station	Texas	55062	1	240	240	240	240
Tenaska Frontier Generation Station	Texas	55062	2	252	252	252	252
Tenaska Frontier Generation Station	Texas	55062	3	226	226	226	226
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	153	153	153	153
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	149	149	149	149
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	162	162	162	162
Texas City Cogeneration	Texas	52088	GT-A	111	111	111	111
Texas City Cogeneration	Texas	52088	GT-B	126	126	126	126
Texas City Cogeneration	Texas	52088	GT-C	142	142	142	142
Texas Petrochemicals	Texas	50229	TPCBLR	686	686	686	686
Tolk Station	Texas	6194	171B	2,052	2,052	2,052	2,052
Tolk Station	Texas	6194	172B	2,100	2,100	2,100	2,100
Tradinghouse	Texas	3506	1	87	87	87	87
Tradinghouse	Texas	3506	2	203	203	203	203
Trinidad	Texas	3507	9	46	46	46	46
Twin Oaks	Texas	7030	U1	692	692	692	692
Twin Oaks	Texas	7030	U2	675	675	675	675
Union Carbide Seadrift Cogen	Texas	50150	GE11	137	137	137	137
Union Carbide Seadrift Cogen	Texas	50150	GEN6	137	137	137	137
Union Carbide Seadrift Cogen	Texas	50150	GEN8	137	137	137	137

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
T H Wharton	Texas	3469	THW44	49	49			514,636
T H Wharton	Texas	3469	THW51	8	8			92,421
T H Wharton	Texas	3469	THW52	9	9			97,845
T H Wharton	Texas	3469	THW53	9	9			
T H Wharton	Texas	3469	THW54	8	8			
T H Wharton	Texas	3469	THW55	8	8			91,868
T H Wharton	Texas	3469	THW56	8	8			103,290
Tenaska Frontier Generation Station	Texas	55062	1	240	240	5,717,692	4,951,740	5,624,861
Tenaska Frontier Generation Station	Texas	55062	2	252	252	5,149,858	5,030,204	5,722,898
Tenaska Frontier Generation Station	Texas	55062	3	226	226	4,977,496	4,547,998	5,551,393
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	153	153	4,898,606	4,920,931	4,803,217
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	149	149	5,258,961	4,920,862	4,481,166
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	162	162	4,895,047	4,660,997	4,632,862
Texas City Cogeneration	Texas	52088	GT-A	111	111			2,052,967
Texas City Cogeneration	Texas	52088	GT-B	126	126			3,726,968
Texas City Cogeneration	Texas	52088	GT-C	142	142			3,856,215
Texas Petrochemicals	Texas	50229	TPCBLR	686	686	6,934,269	5,830,785	3,686,718
Tolk Station	Texas	6194	171B	2,052	2,052	15,731,811	17,635,432	16,745,766
Tolk Station	Texas	6194	172B	2,100	2,100	15,762,943	14,737,801	17,844,449
Tradinghouse	Texas	3506	1	87	87	2,239,246	859,116	1,242,785
Tradinghouse	Texas	3506	2	203	203	3,553,474	2,790,260	4,039,914
Trinidad	Texas	3507	9	46	46	743,870	798,595	724,603
Twin Oaks	Texas	7030	U1	692	692	5,519,637	5,639,834	5,770,516
Twin Oaks	Texas	7030	U2	675	675	5,808,861	5,975,316	5,498,771
Union Carbide Seadrift Cogen	Texas	50150	GE11	137	137	1,203,910	1,048,682	1,225,083
Union Carbide Seadrift Cogen	Texas	50150	GEN6	137	137	1,203,910	1,048,682	1,225,083
Union Carbide Seadrift Cogen	Texas	50150	GEN8	137	137	1,203,910	1,048,682	1,225,083

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
T H Wharton	Texas	3469	THW44	841,595	706,213	687,482	1,726,255,329	0.000398
T H Wharton	Texas	3469	THW51	150,946	109,234	117,534	1,726,255,329	0.000068
T H Wharton	Texas	3469	THW52	191,625	113,049	134,173	1,726,255,329	0.000078
T H Wharton	Texas	3469	THW53	168,943	84,325	126,634	1,726,255,329	0.000073
T H Wharton	Texas	3469	THW54	134,524	129,438	131,981	1,726,255,329	0.000076
T H Wharton	Texas	3469	THW55		139,664	115,766	1,726,255,329	0.000067
T H Wharton	Texas	3469	THW56		140,523	121,906	1,726,255,329	0.000071
Tenaska Frontier Generation Station	Texas	55062	1	5,848,534	4,830,154	5,730,362	1,726,255,329	0.003320
Tenaska Frontier Generation Station	Texas	55062	2	5,978,083	3,763,278	5,616,946	1,726,255,329	0.003254
Tenaska Frontier Generation Station	Texas	55062	3	6,016,690	3,673,643	5,515,193	1,726,255,329	0.003195
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	4,500,917	5,628,199	5,149,245	1,726,255,329	0.002983
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	4,376,709	5,487,659	5,222,494	1,726,255,329	0.003025
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	4,305,430	4,663,527	4,739,857	1,726,255,329	0.002746
Texas City Cogeneration	Texas	52088	GT-A	1,451,442	921,591	1,475,334	1,726,255,329	0.000855
Texas City Cogeneration	Texas	52088	GT-B	3,948,537	2,321,341	3,332,282	1,726,255,329	0.001930
Texas City Cogeneration	Texas	52088	GT-C	4,174,327	3,697,600	3,909,381	1,726,255,329	0.002265
Texas Petrochemicals	Texas	50229	TPCBLR	3,962,800		5,575,951	1,726,255,329	0.003230
Tolk Station	Texas	6194	171B	16,549,868	18,636,669	17,672,622	1,726,255,329	0.010238
Tolk Station	Texas	6194	172B	14,359,566	16,919,431	16,842,274	1,726,255,329	0.009757
Tradinghouse	Texas	3506	1			1,447,049	1,726,255,329	0.000838
Tradinghouse	Texas	3506	2	2,839,084	2,305,627	3,477,491	1,726,255,329	0.002014
Trinidad	Texas	3507	9	577,093	245,599	755,689	1,726,255,329	0.000438
Twin Oaks	Texas	7030	U1	5,507,651	5,580,195	5,663,515	1,726,255,329	0.003281
Twin Oaks	Texas	7030	U2	4,697,658	5,267,853	5,760,982	1,726,255,329	0.003337
Union Carbide Seadrift Cogen	Texas	50150	GE11	1,026,378		1,159,225	1,726,255,329	0.000672
Union Carbide Seadrift Cogen	Texas	50150	GEN6	1,026,378		1,159,225	1,726,255,329	0.000672
Union Carbide Seadrift Cogen	Texas	50150	GEN8	1,026,378		1,159,225	1,726,255,329	0.000672

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
T H Wharton	Texas	3469	THW44	62,938	62,938	25	25		
T H Wharton	Texas	3469	THW51	62,938	62,938	4	4		
T H Wharton	Texas	3469	THW52	62,938	62,938	5	5		
T H Wharton	Texas	3469	THW53	62,938	62,938	5	5		
T H Wharton	Texas	3469	THW54	62,938	62,938	5	5		
T H Wharton	Texas	3469	THW55	62,938	62,938	4	4		
T H Wharton	Texas	3469	THW56	62,938	62,938	4	4		
Tenaska Frontier Generation Station	Texas	55062	1	62,938	62,938	209	209	80	78
Tenaska Frontier Generation Station	Texas	55062	2	62,938	62,938	205	205	81	72
Tenaska Frontier Generation Station	Texas	55062	3	62,938	62,938	201	201	86	74
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	62,938	62,938	188	188	58	67
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	62,938	62,938	190	190	52	64
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	62,938	62,938	173	173	51	60
Texas City Cogeneration	Texas	52088	GT-A	62,938	62,938	54	54		
Texas City Cogeneration	Texas	52088	GT-B	62,938	62,938	121	121		
Texas City Cogeneration	Texas	52088	GT-C	62,938	62,938	143	143		
Texas Petrochemicals	Texas	50229	TPCBLR	62,938	62,938	203	203		495
Tolk Station	Texas	6194	171B	62,938	62,938	644	644	2,554	3,089
Tolk Station	Texas	6194	172B	62,938	62,938	614	614	2,926	2,501
Tradinghouse	Texas	3506	1	62,938	62,938	53	53	350	99
Tradinghouse	Texas	3506	2	62,938	62,938	127	127	1,088	207
Trinidad	Texas	3507	9	62,938	62,938	28	28	165	53
Twin Oaks	Texas	7030	U1	62,938	62,938	206	206	532	541
Twin Oaks	Texas	7030	U2	62,938	62,938	210	210	460	413
Union Carbide Seadrift Cogen	Texas	50150	GE11	62,938	62,938	42	42		31
Union Carbide Seadrift Cogen	Texas	50150	GEN6	62,938	62,938	42	42		39
Union Carbide Seadrift Cogen	Texas	50150	GEN8	62,938	62,938	42	42		35

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
T H Wharton	Texas	3469	THW44				11	31	26
T H Wharton	Texas	3469	THW51				20	12	10
T H Wharton	Texas	3469	THW52				23	16	10
T H Wharton	Texas	3469	THW53					12	6
T H Wharton	Texas	3469	THW54					9	9
T H Wharton	Texas	3469	THW55				19		9
T H Wharton	Texas	3469	THW56				22		10
Tenaska Frontier Generation Station	Texas	55062	1	77	103	84	98	105	84
Tenaska Frontier Generation Station	Texas	55062	2	98	77	91	112	114	65
Tenaska Frontier Generation Station	Texas	55062	3	96	88	78	99	105	63
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	72	73	66	69	67	70
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	67	71	63	67	69	82
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	68	76	61	57	64	65
Texas City Cogeneration	Texas	52088	GT-A				169	114	60
Texas City Cogeneration	Texas	52088	GT-B				38	59	57
Texas City Cogeneration	Texas	52088	GT-C				49	60	51
Texas Petrochemicals	Texas	50229	TPCBLR	382		561			
Tolk Station	Texas	6194	171B	2,545	2,144	1,632	1,718	1,798	1,777
Tolk Station	Texas	6194	172B	1,912	2,052	1,645	1,597	1,447	1,484
Tradinghouse	Texas	3506	1	70	158	83	118		
Tradinghouse	Texas	3506	2	242	284	307	423	220	236
Trinidad	Texas	3507	9	59	65	68	57	47	21
Twin Oaks	Texas	7030	U1	516	424	444	455	313	316
Twin Oaks	Texas	7030	U2	459	478	467	409	264	272
Union Carbide Seadrift Cogen	Texas	50150	GE11	186		26			
Union Carbide Seadrift Cogen	Texas	50150	GEN6	230		32			
Union Carbide Seadrift Cogen	Texas	50150	GEN8	208		29			

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
T H Wharton	Texas	3469	THW44	31					
T H Wharton	Texas	3469	THW51	20					
T H Wharton	Texas	3469	THW52	23					
T H Wharton	Texas	3469	THW53	12					
T H Wharton	Texas	3469	THW54	9					
T H Wharton	Texas	3469	THW55	19					
T H Wharton	Texas	3469	THW56	22					
Tenaska Frontier Generation Station	Texas	55062	1	105					
Tenaska Frontier Generation Station	Texas	55062	2	114					
Tenaska Frontier Generation Station	Texas	55062	3	105					
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	73					
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	82					
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	76					
Texas City Cogeneration	Texas	52088	GT-A	169					
Texas City Cogeneration	Texas	52088	GT-B	59					
Texas City Cogeneration	Texas	52088	GT-C	60					
Texas Petrochemicals	Texas	50229	TPCBLR	561					
Tolk Station	Texas	6194	171B	3,089					
Tolk Station	Texas	6194	172B	2,926					
Tradinghouse	Texas	3506	1	350					
Tradinghouse	Texas	3506	2	1,088					
Trinidad	Texas	3507	9	165					
Twin Oaks	Texas	7030	U1	541					
Twin Oaks	Texas	7030	U2	478					
Union Carbide Seadrift Cogen	Texas	50150	GE11	186					
Union Carbide Seadrift Cogen	Texas	50150	GEN6	230					
Union Carbide Seadrift Cogen	Texas	50150	GEN8	208					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
T H Wharton	Texas	3469	THW44			31	31
T H Wharton	Texas	3469	THW51			6	6
T H Wharton	Texas	3469	THW52			7	7
T H Wharton	Texas	3469	THW53			7	7
T H Wharton	Texas	3469	THW54			7	7
T H Wharton	Texas	3469	THW55			6	6
T H Wharton	Texas	3469	THW56			6	6
Tenaska Frontier Generation Station	Texas	55062	1			105	105
Tenaska Frontier Generation Station	Texas	55062	2			114	114
Tenaska Frontier Generation Station	Texas	55062	3			105	105
Tenaska Gateway Generating Station	Texas	55132	OGTDB1			73	73
Tenaska Gateway Generating Station	Texas	55132	OGTDB2			82	82
Tenaska Gateway Generating Station	Texas	55132	OGTDB3			76	76
Texas City Cogeneration	Texas	52088	GT-A			78	78
Texas City Cogeneration	Texas	52088	GT-B			59	59
Texas City Cogeneration	Texas	52088	GT-C			60	60
Texas Petrochemicals	Texas	50229	TPCBLR			296	296
Tolk Station	Texas	6194	171B			937	937
Tolk Station	Texas	6194	172B			893	893
Tradinghouse	Texas	3506	1			77	77
Tradinghouse	Texas	3506	2			184	184
Trinidad	Texas	3507	9			40	40
Twin Oaks	Texas	7030	U1			300	300
Twin Oaks	Texas	7030	U2			306	306
Union Carbide Seadrift Cogen	Texas	50150	GE11			61	61
Union Carbide Seadrift Cogen	Texas	50150	GEN6			61	61
Union Carbide Seadrift Cogen	Texas	50150	GEN8			61	61

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
T H Wharton	Texas	3469	THW44	31	31	31	31
T H Wharton	Texas	3469	THW51	6	6	6	6
T H Wharton	Texas	3469	THW52	7	7	7	7
T H Wharton	Texas	3469	THW53	7	7	7	7
T H Wharton	Texas	3469	THW54	7	7	7	7
T H Wharton	Texas	3469	THW55	6	6	6	6
T H Wharton	Texas	3469	THW56	6	6	6	6
Tenaska Frontier Generation Station	Texas	55062	1	105	105	105	105
Tenaska Frontier Generation Station	Texas	55062	2	114	114	114	114
Tenaska Frontier Generation Station	Texas	55062	3	105	105	105	105
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	73	73	73	73
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	82	82	82	82
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	76	76	76	76
Texas City Cogeneration	Texas	52088	GT-A	78	78	78	78
Texas City Cogeneration	Texas	52088	GT-B	59	59	59	59
Texas City Cogeneration	Texas	52088	GT-C	60	60	60	60
Texas Petrochemicals	Texas	50229	TPCBLR	296	296	296	296
Tolk Station	Texas	6194	171B	937	937	937	937
Tolk Station	Texas	6194	172B	893	893	893	893
Tradinghouse	Texas	3506	1	77	77	77	77
Tradinghouse	Texas	3506	2	184	184	184	184
Trinidad	Texas	3507	9	40	40	40	40
Twin Oaks	Texas	7030	U1	300	300	300	300
Twin Oaks	Texas	7030	U2	306	306	306	306
Union Carbide Seadrift Cogen	Texas	50150	GE11	61	61	61	61
Union Carbide Seadrift Cogen	Texas	50150	GEN6	61	61	61	61
Union Carbide Seadrift Cogen	Texas	50150	GEN8	61	61	61	61

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
T H Wharton	Texas	3469	THW44	Y		Y	Y		
T H Wharton	Texas	3469	THW51	Y		Y	Y		
T H Wharton	Texas	3469	THW52	Y		Y	Y		
T H Wharton	Texas	3469	THW53	Y		Y	Y		
T H Wharton	Texas	3469	THW54	Y		Y	Y		
T H Wharton	Texas	3469	THW55	Y		Y	Y		
T H Wharton	Texas	3469	THW56	Y		Y	Y		
Tenaska Frontier Generation Station	Texas	55062	1	Y		Y	Y		
Tenaska Frontier Generation Station	Texas	55062	2	Y		Y	Y		
Tenaska Frontier Generation Station	Texas	55062	3	Y		Y	Y		
Tenaska Gateway Generating Station	Texas	55132	OGTDB1	Y		Y	Y		
Tenaska Gateway Generating Station	Texas	55132	OGTDB2	Y		Y	Y		
Tenaska Gateway Generating Station	Texas	55132	OGTDB3	Y		Y	Y		
Texas City Cogeneration	Texas	52088	GT-A	Y		Y	Y		
Texas City Cogeneration	Texas	52088	GT-B	Y		Y	Y		
Texas City Cogeneration	Texas	52088	GT-C	Y		Y	Y		
Texas Petrochemicals	Texas	50229	TPCBLR	Y		Y	Y	Y	
Tolk Station	Texas	6194	171B	Y		Y	Y		
Tolk Station	Texas	6194	172B	Y		Y	Y		
Tradinghouse	Texas	3506	1	Y		Y	Y		
Tradinghouse	Texas	3506	2	Y		Y	Y		
Trinidad	Texas	3507	9	Y		Y	Y		
Twin Oaks	Texas	7030	U1	Y		Y	Y		
Twin Oaks	Texas	7030	U2	Y		Y	Y		
Union Carbide Seadrift Cogen	Texas	50150	GE11	Y		Y	Y	Y	
Union Carbide Seadrift Cogen	Texas	50150	GEN6	Y		Y	Y	Y	
Union Carbide Seadrift Cogen	Texas	50150	GEN8	Y		Y	Y	Y	

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
V H Braunig	Texas	3612	1	2481	2,564,484	1,934,692	2,312,211	2,371,311	1,587,677
V H Braunig	Texas	3612	2	2482	1,869,841	1,316,497	1,431,134	1,888,305	1,346,053
V H Braunig	Texas	3612	3	2483	7,845,342	6,670,530	7,567,957	5,667,453	5,953,906
V H Braunig	Texas	3612	CT01	2484	5,062,569	4,346,219	5,785,259	4,992,343	1,524,513
V H Braunig	Texas	3612	CT02	2485	4,525,772	5,783,721	3,875,373	5,036,309	2,859,368
Valley (TXU)	Texas	3508	1	2436	365,510	449,441	790,328	670,982	340,660
Valley (TXU)	Texas	3508	2	2437	2,755,338	1,607,089	2,520,092	2,725,496	2,444,934
Valley (TXU)	Texas	3508	3	2438	313,813	884,809	2,254,487	1,279,329	951,064
Victoria Power Station	Texas	3443	9	90094				2,098,059	7,331,854
W A Parish	Texas	3470	WAP1	2374	1,086,815	436,645	507,725	802,308	626,361
W A Parish	Texas	3470	WAP2	2375	1,294,457	551,442	605,476	793,835	614,343
W A Parish	Texas	3470	WAP3	2376	1,838,012	719,821	1,190,717	1,189,181	376,834
W A Parish	Texas	3470	WAP4	2377	9,830,167	7,777,849	5,749,011	5,882,993	4,498,485
W A Parish	Texas	3470	WAP5	2378	55,545,278	52,525,109	53,637,084	47,411,660	47,829,753
W A Parish	Texas	3470	WAP6	2379	47,748,489	53,070,403	49,423,027	42,750,002	45,639,410
W A Parish	Texas	3470	WAP7	2380	42,016,901	46,170,556	39,444,279	40,995,118	36,564,428
W A Parish	Texas	3470	WAP8	2381	52,164,256	47,095,651	50,361,914	47,534,093	39,699,437
W B Tuttle	Texas	3613	1	2486	32,183	30,945	10,529		
W B Tuttle	Texas	3613	3	2488	82,158	72,015	195,831	85,178	
W B Tuttle	Texas	3613	4	2489	182,374	125,896	31,758		
Welsh Power Plant	Texas	6139	1	2801	36,054,471	34,822,101	33,402,136	37,607,897	35,991,931
Welsh Power Plant	Texas	6139	2	2802	39,336,544	40,850,370	38,032,710	38,654,634	38,826,022
Welsh Power Plant	Texas	6139	3	2803	31,481,344	39,321,807	41,356,596	35,673,601	40,992,923
Wilkes Power Plant	Texas	3478	1	2390	1,402,054	516,861	651,155	3,982,701	4,586,371
Wilkes Power Plant	Texas	3478	2	2391	6,173,440	3,837,279	5,092,177	3,124,771	6,579,057
Wilkes Power Plant	Texas	3478	3	2392	8,977,600	7,665,919	5,179,611	5,199,437	6,694,340
Winchester Power Park	Texas	56674	1	90317				128,875	505,125

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
V H Braunig	Texas	3612	1	2,416,002	3,511,906,933	0.000688	279,747	279,747
V H Braunig	Texas	3612	2	1,729,760	3,511,906,933	0.000493	279,747	279,747
V H Braunig	Texas	3612	3	7,361,276	3,511,906,933	0.002096	279,747	279,747
V H Braunig	Texas	3612	CT01	5,280,057	3,511,906,933	0.001503	279,747	279,747
V H Braunig	Texas	3612	CT02	5,115,267	3,511,906,933	0.001457	279,747	279,747
Valley (TXU)	Texas	3508	1	636,917	3,511,906,933	0.000181	279,747	279,747
Valley (TXU)	Texas	3508	2	2,666,975	3,511,906,933	0.000759	279,747	279,747
Valley (TXU)	Texas	3508	3	1,494,960	3,511,906,933	0.000426	279,747	279,747
Victoria Power Station	Texas	3443	9	4,714,956	3,511,906,933	0.001343	279,747	279,747
W A Parish	Texas	3470	WAP1	838,495	3,511,906,933	0.000239	279,747	279,747
W A Parish	Texas	3470	WAP2	900,878	3,511,906,933	0.000257	279,747	279,747
W A Parish	Texas	3470	WAP3	1,405,970	3,511,906,933	0.000400	279,747	279,747
W A Parish	Texas	3470	WAP4	7,830,336	3,511,906,933	0.002230	279,747	279,747
W A Parish	Texas	3470	WAP5	53,902,490	3,511,906,933	0.015348	279,747	279,747
W A Parish	Texas	3470	WAP6	50,080,640	3,511,906,933	0.014260	279,747	279,747
W A Parish	Texas	3470	WAP7	43,060,859	3,511,906,933	0.012261	279,747	279,747
W A Parish	Texas	3470	WAP8	50,020,088	3,511,906,933	0.014243	279,747	279,747
W B Tuttle	Texas	3613	1	24,552	3,511,906,933	0.000007	279,747	279,747
W B Tuttle	Texas	3613	3	121,056	3,511,906,933	0.000034	279,747	279,747
W B Tuttle	Texas	3613	4	113,343	3,511,906,933	0.000032	279,747	279,747
Welsh Power Plant	Texas	6139	1	36,551,433	3,511,906,933	0.010408	279,747	279,747
Welsh Power Plant	Texas	6139	2	39,670,979	3,511,906,933	0.011296	279,747	279,747
Welsh Power Plant	Texas	6139	3	40,557,109	3,511,906,933	0.011548	279,747	279,747
Wilkes Power Plant	Texas	3478	1	3,323,708	3,511,906,933	0.000946	279,747	279,747
Wilkes Power Plant	Texas	3478	2	5,948,224	3,511,906,933	0.001694	279,747	279,747
Wilkes Power Plant	Texas	3478	3	7,779,287	3,511,906,933	0.002215	279,747	279,747
Winchester Power Park	Texas	56674	1	317,000	3,511,906,933	0.000090	279,747	279,747

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Calculation									
V H Braunig	Texas	3612	1	132,193	132,193	192	192	91	91
V H Braunig	Texas	3612	2	132,193	132,193	138	138	65	65
V H Braunig	Texas	3612	3	132,193	132,193	586	586	277	277
V H Braunig	Texas	3612	CT01	132,193	132,193	421	421	199	199
V H Braunig	Texas	3612	CT02	132,193	132,193	407	407	193	193
Valley (TXU)	Texas	3508	1	132,193	132,193	51	51	24	24
Valley (TXU)	Texas	3508	2	132,193	132,193	212	212	100	100
Valley (TXU)	Texas	3508	3	132,193	132,193	119	119	56	56
Victoria Power Station	Texas	3443	9	132,193	132,193	376	376	177	177
W A Parish	Texas	3470	WAP1	132,193	132,193	67	67	32	32
W A Parish	Texas	3470	WAP2	132,193	132,193	72	72	34	34
W A Parish	Texas	3470	WAP3	132,193	132,193	112	112	53	53
W A Parish	Texas	3470	WAP4	132,193	132,193	624	624	295	295
W A Parish	Texas	3470	WAP5	132,193	132,193	4,294	4,294	2,029	2,029
W A Parish	Texas	3470	WAP6	132,193	132,193	3,989	3,989	1,885	1,885
W A Parish	Texas	3470	WAP7	132,193	132,193	3,430	3,430	1,621	1,621
W A Parish	Texas	3470	WAP8	132,193	132,193	3,984	3,984	1,883	1,883
W B Tuttle	Texas	3613	1	132,193	132,193	2	2	1	1
W B Tuttle	Texas	3613	3	132,193	132,193	10	10	5	5
W B Tuttle	Texas	3613	4	132,193	132,193	9	9	4	4
Welsh Power Plant	Texas	6139	1	132,193	132,193	2,912	2,912	1,376	1,376
Welsh Power Plant	Texas	6139	2	132,193	132,193	3,160	3,160	1,493	1,493
Welsh Power Plant	Texas	6139	3	132,193	132,193	3,231	3,231	1,527	1,527
Wilkes Power Plant	Texas	3478	1	132,193	132,193	265	265	125	125
Wilkes Power Plant	Texas	3478	2	132,193	132,193	474	474	224	224
Wilkes Power Plant	Texas	3478	3	132,193	132,193	620	620	293	293
Winchester Power Park	Texas	56674	1	132,193	132,193	25	25	12	12

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
V H Braunig	Texas	3612	1	35	0	1	1	1
V H Braunig	Texas	3612	2	20	0	1	1	0
V H Braunig	Texas	3612	3	52	1	2	3	2
V H Braunig	Texas	3612	CT01	2	2	2	2	1
V H Braunig	Texas	3612	CT02	2	2	2	1	2
Valley (TXU)	Texas	3508	1	10	0	0	0	0
Valley (TXU)	Texas	3508	2	20	0		2	0
Valley (TXU)	Texas	3508	3	0	0		0	0
Victoria Power Station	Texas	3443	9					
W A Parish	Texas	3470	WAP1	0	0	0	0	0
W A Parish	Texas	3470	WAP2	0	0	0	0	0
W A Parish	Texas	3470	WAP3	1	0	1	1	0
W A Parish	Texas	3470	WAP4	3	2	2	3	2
W A Parish	Texas	3470	WAP5	18,942	19,175	17,332	20,039	18,572
W A Parish	Texas	3470	WAP6	20,450	16,505	18,915	17,789	18,812
W A Parish	Texas	3470	WAP7	18,034	15,881	15,953	14,534	17,301
W A Parish	Texas	3470	WAP8	3,254	3,774	3,090	4,071	3,117
W B Tuttle	Texas	3613	1	0	0		0	0
W B Tuttle	Texas	3613	3	0		0	0	0
W B Tuttle	Texas	3613	4	0	0	0	0	0
Welsh Power Plant	Texas	6139	1	10,979	11,743	10,080	9,098	8,053
Welsh Power Plant	Texas	6139	2	11,390	11,113	8,011	10,094	9,357
Welsh Power Plant	Texas	6139	3	11,582	11,686	10,350	8,005	9,003
Wilkes Power Plant	Texas	3478	1	9	0	14	11	1
Wilkes Power Plant	Texas	3478	2	2	1	2	2	1
Wilkes Power Plant	Texas	3478	3	2	2	3	3	2
Winchester Power Park	Texas	56674	1					

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
							Highest value of columns V - AC		
V H Braunig	Texas	3612	1	1	1	0	35		
V H Braunig	Texas	3612	2	0	1	0	20		
V H Braunig	Texas	3612	3	2	6	2	52		
V H Braunig	Texas	3612	CT01	2	1	0	2		
V H Braunig	Texas	3612	CT02	1	2	1	2		
Valley (TXU)	Texas	3508	1	0	0	0	10		
Valley (TXU)	Texas	3508	2	1	1	1	20		
Valley (TXU)	Texas	3508	3	1	0	0	1		
Victoria Power Station	Texas	3443	9		1	2	2		
W A Parish	Texas	3470	WAP1	0	0	0	0		
W A Parish	Texas	3470	WAP2	0	0	0	0		
W A Parish	Texas	3470	WAP3	0	0	0	1		
W A Parish	Texas	3470	WAP4	2	2	1	3		
W A Parish	Texas	3470	WAP5	18,731	14,145	16,232	20,039		
W A Parish	Texas	3470	WAP6	17,857	13,206	17,149	20,450		
W A Parish	Texas	3470	WAP7	14,518	12,492	13,200	18,034		
W A Parish	Texas	3470	WAP8	3,639	2,655	2,650	4,071		
W B Tuttle	Texas	3613	1	0			0		
W B Tuttle	Texas	3613	3	0	0		0		
W B Tuttle	Texas	3613	4	0			0		
Welsh Power Plant	Texas	6139	1	7,906	9,061	8,361	11,743		
Welsh Power Plant	Texas	6139	2	9,044	9,453	8,792	11,390		
Welsh Power Plant	Texas	6139	3	9,894	8,858	9,534	11,686		
Wilkes Power Plant	Texas	3478	1	1	2	3	14		
Wilkes Power Plant	Texas	3478	2	2	1	2	2		
Wilkes Power Plant	Texas	3478	3	2	2	2	3		
Winchester Power Park	Texas	56674	1		0	0	0		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
V H Braunig	Texas	3612	1					229	126
V H Braunig	Texas	3612	2					145	114
V H Braunig	Texas	3612	3					435	230
V H Braunig	Texas	3612	CT01					101	95
V H Braunig	Texas	3612	CT02					87	100
Valley (TXU)	Texas	3508	1					214	15
Valley (TXU)	Texas	3508	2					426	3
Valley (TXU)	Texas	3508	3					101	4
Victoria Power Station	Texas	3443	9						
W A Parish	Texas	3470	WAP1					71	49
W A Parish	Texas	3470	WAP2					42	33
W A Parish	Texas	3470	WAP3					183	115
W A Parish	Texas	3470	WAP4					441	377
W A Parish	Texas	3470	WAP5					1,967	836
W A Parish	Texas	3470	WAP6					1,460	736
W A Parish	Texas	3470	WAP7					3,098	1,075
W A Parish	Texas	3470	WAP8					3,268	1,060
W B Tuttle	Texas	3613	1					4	1
W B Tuttle	Texas	3613	3					3	
W B Tuttle	Texas	3613	4					16	7
Welsh Power Plant	Texas	6139	1					3,386	3,377
Welsh Power Plant	Texas	6139	2					7,978	6,343
Welsh Power Plant	Texas	6139	3					3,737	4,033
Wilkes Power Plant	Texas	3478	1					128	31
Wilkes Power Plant	Texas	3478	2					534	240
Wilkes Power Plant	Texas	3478	3					536	342
Winchester Power Park	Texas	56674	1						

				Step 7				
Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
V H Braunig	Texas	3612	1	243	218	169	211	221
V H Braunig	Texas	3612	2	173	176	114	131	157
V H Braunig	Texas	3612	3	463	527	437	513	453
V H Braunig	Texas	3612	CT01	119	99	68	95	66
V H Braunig	Texas	3612	CT02	109	78	86	64	75
Valley (TXU)	Texas	3508	1	1	58	65	129	93
Valley (TXU)	Texas	3508	2		316	175	339	331
Valley (TXU)	Texas	3508	3		30	67	221	110
Victoria Power Station	Texas	3443	9					24
W A Parish	Texas	3470	WAP1	76	85	43	54	84
W A Parish	Texas	3470	WAP2	56	69	30	32	51
W A Parish	Texas	3470	WAP3	201	189	68	98	119
W A Parish	Texas	3470	WAP4	498	536	372	314	312
W A Parish	Texas	3470	WAP5	1,057	1,442	1,187	1,434	1,237
W A Parish	Texas	3470	WAP6	1,130	1,122	1,133	1,263	1,420
W A Parish	Texas	3470	WAP7	1,018	876	863	791	827
W A Parish	Texas	3470	WAP8	935	987	1,024	1,102	1,009
W B Tuttle	Texas	3613	1		4	5	2	
W B Tuttle	Texas	3613	3	10	7	7	21	10
W B Tuttle	Texas	3613	4	15	15	10	3	
Welsh Power Plant	Texas	6139	1	3,248	3,282	2,886	3,024	3,475
Welsh Power Plant	Texas	6139	2	3,110	3,373	3,360	3,189	3,364
Welsh Power Plant	Texas	6139	3	3,769	3,189	3,686	4,083	3,307
Wilkes Power Plant	Texas	3478	1	150	111	38	46	271
Wilkes Power Plant	Texas	3478	2	467	423	245	293	165
Wilkes Power Plant	Texas	3478	3	546	500	393	228	230
Winchester Power Park	Texas	56674	1					1

Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
					Highest value of columns AK - AR				
Calculation									
V H Braunig	Texas	3612	1	134	243				
V H Braunig	Texas	3612	2	109	176				
V H Braunig	Texas	3612	3	440	527				
V H Braunig	Texas	3612	CT01	21	119				
V H Braunig	Texas	3612	CT02	42	109				
Valley (TXU)	Texas	3508	1	39	214				
Valley (TXU)	Texas	3508	2	308	426				
Valley (TXU)	Texas	3508	3	89	221				
Victoria Power Station	Texas	3443	9	60	60				
W A Parish	Texas	3470	WAP1	68	85				
W A Parish	Texas	3470	WAP2	36	69				
W A Parish	Texas	3470	WAP3	22	201				
W A Parish	Texas	3470	WAP4	228	536				
W A Parish	Texas	3470	WAP5	1,230	1,967				
W A Parish	Texas	3470	WAP6	1,154	1,460				
W A Parish	Texas	3470	WAP7	993	3,098				
W A Parish	Texas	3470	WAP8	796	3,268				
W B Tuttle	Texas	3613	1		5				
W B Tuttle	Texas	3613	3		21				
W B Tuttle	Texas	3613	4		16				
Welsh Power Plant	Texas	6139	1	3,510	3,510				
Welsh Power Plant	Texas	6139	2	3,334	7,978				
Welsh Power Plant	Texas	6139	3	3,975	4,083				
Wilkes Power Plant	Texas	3478	1	315	315				
Wilkes Power Plant	Texas	3478	2	375	534				
Wilkes Power Plant	Texas	3478	3	342	546				
Winchester Power Park	Texas	56674	1	5	5				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reappportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reappportionment if R < (AD and AF)
V H Braunig	Texas	3612	1				
V H Braunig	Texas	3612	2				
V H Braunig	Texas	3612	3				
V H Braunig	Texas	3612	CT01				
V H Braunig	Texas	3612	CT02				
Valley (TXU)	Texas	3508	1				
Valley (TXU)	Texas	3508	2				
Valley (TXU)	Texas	3508	3				
Victoria Power Station	Texas	3443	9				
W A Parish	Texas	3470	WAP1				
W A Parish	Texas	3470	WAP2				
W A Parish	Texas	3470	WAP3				
W A Parish	Texas	3470	WAP4				
W A Parish	Texas	3470	WAP5				
W A Parish	Texas	3470	WAP6				
W A Parish	Texas	3470	WAP7				
W A Parish	Texas	3470	WAP8				
W B Tuttle	Texas	3613	1				
W B Tuttle	Texas	3613	3				
W B Tuttle	Texas	3613	4				
Welsh Power Plant	Texas	6139	1				
Welsh Power Plant	Texas	6139	2				
Welsh Power Plant	Texas	6139	3				
Wilkes Power Plant	Texas	3478	1				
Wilkes Power Plant	Texas	3478	2				
Wilkes Power Plant	Texas	3478	3				
Winchester Power Park	Texas	56674	1				

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
Calculation				(Lesser of columns AD, AG, and S) + reapportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reapportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reapportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reapportionment if S < (AD and AJ)
V H Braunig	Texas	3612	1				
V H Braunig	Texas	3612	2				
V H Braunig	Texas	3612	3				
V H Braunig	Texas	3612	CT01				
V H Braunig	Texas	3612	CT02				
Valley (TXU)	Texas	3508	1				
Valley (TXU)	Texas	3508	2				
Valley (TXU)	Texas	3508	3				
Victoria Power Station	Texas	3443	9				
W A Parish	Texas	3470	WAP1				
W A Parish	Texas	3470	WAP2				
W A Parish	Texas	3470	WAP3				
W A Parish	Texas	3470	WAP4				
W A Parish	Texas	3470	WAP5				
W A Parish	Texas	3470	WAP6				
W A Parish	Texas	3470	WAP7				
W A Parish	Texas	3470	WAP8				
W B Tuttle	Texas	3613	1				
W B Tuttle	Texas	3613	3				
W B Tuttle	Texas	3613	4				
Welsh Power Plant	Texas	6139	1				
Welsh Power Plant	Texas	6139	2				
Welsh Power Plant	Texas	6139	3				
Wilkes Power Plant	Texas	3478	1				
Wilkes Power Plant	Texas	3478	2				
Wilkes Power Plant	Texas	3478	3				
Winchester Power Park	Texas	56674	1				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reapportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reapportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reapportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reapportionment if U < (AS and AW)
V H Braunig	Texas	3612	1	128	128	128	128
V H Braunig	Texas	3612	2	91	91	91	91
V H Braunig	Texas	3612	3	389	389	389	389
V H Braunig	Texas	3612	CT01	119	119	119	119
V H Braunig	Texas	3612	CT02	109	109	109	109
Valley (TXU)	Texas	3508	1	34	34	34	34
Valley (TXU)	Texas	3508	2	141	141	141	141
Valley (TXU)	Texas	3508	3	79	79	79	79
Victoria Power Station	Texas	3443	9	60	60	60	60
W A Parish	Texas	3470	WAP1	44	44	44	44
W A Parish	Texas	3470	WAP2	48	48	48	48
W A Parish	Texas	3470	WAP3	74	74	74	74
W A Parish	Texas	3470	WAP4	414	414	414	414
W A Parish	Texas	3470	WAP5	1,967	1,967	1,967	1,967
W A Parish	Texas	3470	WAP6	1,460	1,460	1,460	1,460
W A Parish	Texas	3470	WAP7	2,276	2,276	2,276	2,276
W A Parish	Texas	3470	WAP8	2,644	2,644	2,644	2,644
W B Tuttle	Texas	3613	1	1	1	1	1
W B Tuttle	Texas	3613	3	6	6	6	6
W B Tuttle	Texas	3613	4	6	6	6	6
Welsh Power Plant	Texas	6139	1	1,932	1,932	1,932	1,932
Welsh Power Plant	Texas	6139	2	2,097	2,097	2,097	2,097
Welsh Power Plant	Texas	6139	3	2,144	2,144	2,144	2,144
Wilkes Power Plant	Texas	3478	1	176	176	176	176
Wilkes Power Plant	Texas	3478	2	314	314	314	314
Wilkes Power Plant	Texas	3478	3	411	411	411	411
Winchester Power Park	Texas	56674	1	5	5	5	5

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	Step 1		
				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation								
V H Braunig	Texas	3612	1	128	128	1,682,704	876,037	1,369,161
V H Braunig	Texas	3612	2	91	91	1,382,667	728,444	946,801
V H Braunig	Texas	3612	3	389	389	4,756,905	4,237,745	5,498,473
V H Braunig	Texas	3612	CT01	119	119	3,144,832	2,898,881	3,044,911
V H Braunig	Texas	3612	CT02	109	109	2,746,396	3,877,061	2,101,142
Valley (TXU)	Texas	3508	1	34	34	365,510	328,501	600,663
Valley (TXU)	Texas	3508	2	141	141	2,666,449	1,433,814	2,519,514
Valley (TXU)	Texas	3508	3	79	79	293,722	516,876	1,597,542
Victoria Power Station	Texas	3443	9	60	60			
W A Parish	Texas	3470	WAP1	44	44	777,667	352,298	420,399
W A Parish	Texas	3470	WAP2	48	48	896,697	410,328	461,197
W A Parish	Texas	3470	WAP3	74	74	1,493,378	607,241	948,716
W A Parish	Texas	3470	WAP4	414	414	6,352,217	4,701,771	4,074,895
W A Parish	Texas	3470	WAP5	1,967	1,967	22,824,181	24,230,599	24,012,866
W A Parish	Texas	3470	WAP6	1,460	1,460	22,494,695	22,971,791	22,198,335
W A Parish	Texas	3470	WAP7	2,276	2,276	19,703,759	20,456,060	19,046,097
W A Parish	Texas	3470	WAP8	2,644	2,644	21,646,798	21,803,654	21,252,090
W B Tuttle	Texas	3613	1	1	1	29,169	6,472	10,529
W B Tuttle	Texas	3613	3	6	6	70,601	63,776	195,831
W B Tuttle	Texas	3613	4	6	6	159,101	114,920	26,495
Welsh Power Plant	Texas	6139	1	1,932	1,932	17,913,702	19,405,249	12,313,206
Welsh Power Plant	Texas	6139	2	2,097	2,097	17,722,700	17,497,876	18,227,893
Welsh Power Plant	Texas	6139	3	2,144	2,144	15,114,855	16,726,709	19,204,018
Wilkes Power Plant	Texas	3478	1	176	176	1,044,738	293,621	608,560
Wilkes Power Plant	Texas	3478	2	314	314	3,463,251	1,901,734	2,836,281
Wilkes Power Plant	Texas	3478	3	411	411	4,652,406	3,392,220	3,026,036
Winchester Power Park	Texas	56674	1	5	5			

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
V H Braunig	Texas	3612	1	1,642,682	1,051,387	1,564,849	1,726,255,329	0.000906
V H Braunig	Texas	3612	2	1,289,152	884,060	1,206,207	1,726,255,329	0.000699
V H Braunig	Texas	3612	3	2,865,290	3,396,384	4,831,041	1,726,255,329	0.002799
V H Braunig	Texas	3612	CT01	3,272,323	1,027,833	3,154,022	1,726,255,329	0.001827
V H Braunig	Texas	3612	CT02	3,863,316	2,296,081	3,495,591	1,726,255,329	0.002025
Valley (TXU)	Texas	3508	1	482,662	236,572	482,945	1,726,255,329	0.000280
Valley (TXU)	Texas	3508	2	2,657,879	2,377,296	2,614,614	1,726,255,329	0.001515
Valley (TXU)	Texas	3508	3	871,147	738,814	1,069,168	1,726,255,329	0.000619
Victoria Power Station	Texas	3443	9	1,979,374	5,279,081	3,629,227	1,726,255,329	0.002102
W A Parish	Texas	3470	WAP1	753,851	582,756	704,758	1,726,255,329	0.000408
W A Parish	Texas	3470	WAP2	754,868	570,500	740,688	1,726,255,329	0.000429
W A Parish	Texas	3470	WAP3	1,056,883	366,863	1,166,326	1,726,255,329	0.000676
W A Parish	Texas	3470	WAP4	3,559,885	3,206,708	5,042,961	1,726,255,329	0.002921
W A Parish	Texas	3470	WAP5	22,653,883	21,245,313	23,689,215	1,726,255,329	0.013723
W A Parish	Texas	3470	WAP6	20,633,325	19,985,230	22,554,940	1,726,255,329	0.013066
W A Parish	Texas	3470	WAP7	17,334,216	17,076,459	19,735,305	1,726,255,329	0.011432
W A Parish	Texas	3470	WAP8	20,203,603	18,458,285	21,567,514	1,726,255,329	0.012494
W B Tuttle	Texas	3613	1			15,390	1,726,255,329	0.000009
W B Tuttle	Texas	3613	3	85,178		117,203	1,726,255,329	0.000068
W B Tuttle	Texas	3613	4			100,172	1,726,255,329	0.000058
Welsh Power Plant	Texas	6139	1	15,077,853	17,981,777	18,433,576	1,726,255,329	0.010678
Welsh Power Plant	Texas	6139	2	17,955,146	17,699,293	17,968,580	1,726,255,329	0.010409
Welsh Power Plant	Texas	6139	3	16,136,099	20,015,818	18,648,848	1,726,255,329	0.010803
Wilkes Power Plant	Texas	3478	1	1,976,737	2,126,285	1,715,920	1,726,255,329	0.000994
Wilkes Power Plant	Texas	3478	2	1,989,922	3,342,752	3,214,095	1,726,255,329	0.001862
Wilkes Power Plant	Texas	3478	3	2,508,432	3,766,338	3,936,988	1,726,255,329	0.002281
Winchester Power Park	Texas	56674	1	120,374	250,597	185,485	1,726,255,329	0.000107

Plant Name	State	ORIS ID	Boiler ID	Step 6				2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
				Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)		
Calculation						Column BS x column BT	Column BS x column BU		
V H Braunig	Texas	3612	1	62,938	62,938	57	57	128	97
V H Braunig	Texas	3612	2	62,938	62,938	44	44	87	85
V H Braunig	Texas	3612	3	62,938	62,938	176	176	316	203
V H Braunig	Texas	3612	CT01	62,938	62,938	115	115	63	48
V H Braunig	Texas	3612	CT02	62,938	62,938	127	127	52	49
Valley (TXU)	Texas	3508	1	62,938	62,938	18	18	108	11
Valley (TXU)	Texas	3508	2	62,938	62,938	95	95	419	
Valley (TXU)	Texas	3508	3	62,938	62,938	39	39	48	4
Victoria Power Station	Texas	3443	9	62,938	62,938	132	132		
W A Parish	Texas	3470	WAP1	62,938	62,938	26	26	37	30
W A Parish	Texas	3470	WAP2	62,938	62,938	27	27	28	19
W A Parish	Texas	3470	WAP3	62,938	62,938	43	43	161	98
W A Parish	Texas	3470	WAP4	62,938	62,938	184	184	307	238
W A Parish	Texas	3470	WAP5	62,938	62,938	864	864	592	355
W A Parish	Texas	3470	WAP6	62,938	62,938	822	822	482	327
W A Parish	Texas	3470	WAP7	62,938	62,938	720	720	1,263	289
W A Parish	Texas	3470	WAP8	62,938	62,938	786	786	1,058	328
W B Tuttle	Texas	3613	1	62,938	62,938	1	1	4	1
W B Tuttle	Texas	3613	3	62,938	62,938	4	4	3	
W B Tuttle	Texas	3613	4	62,938	62,938	4	4	16	7
Welsh Power Plant	Texas	6139	1	62,938	62,938	672	672	1,539	1,558
Welsh Power Plant	Texas	6139	2	62,938	62,938	655	655	3,501	2,761
Welsh Power Plant	Texas	6139	3	62,938	62,938	680	680	1,647	1,727
Wilkes Power Plant	Texas	3478	1	62,938	62,938	63	63	81	15
Wilkes Power Plant	Texas	3478	2	62,938	62,938	117	117	300	138
Wilkes Power Plant	Texas	3478	3	62,938	62,938	144	144	322	181
Winchester Power Park	Texas	56674	1	62,938	62,938	7	7		

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
V H Braunig	Texas	3612	1	171	146	76	133	160	93
V H Braunig	Texas	3612	2	127	131	62	91	109	72
V H Braunig	Texas	3612	3	338	341	267	377	227	237
V H Braunig	Texas	3612	CT01	61	64	47	44	42	12
V H Braunig	Texas	3612	CT02	59	48	55	33	57	31
Valley (TXU)	Texas	3508	1		58	50	104	70	28
Valley (TXU)	Texas	3508	2		309	151	339	325	301
Valley (TXU)	Texas	3508	3		29	41	170	81	73
Victoria Power Station	Texas	3443	9					22	43
W A Parish	Texas	3470	WAP1	61	61	36	45	80	64
W A Parish	Texas	3470	WAP2	42	49	22	25	49	34
W A Parish	Texas	3470	WAP3	175	160	59	79	112	22
W A Parish	Texas	3470	WAP4	418	357	233	215	194	166
W A Parish	Texas	3470	WAP5	481	635	463	635	573	536
W A Parish	Texas	3470	WAP6	463	525	448	561	745	503
W A Parish	Texas	3470	WAP7	452	385	367	393	347	552
W A Parish	Texas	3470	WAP8	437	392	476	466	424	370
W B Tuttle	Texas	3613	1		3	1	2		
W B Tuttle	Texas	3613	3	10	6	6	21	10	
W B Tuttle	Texas	3613	4	15	14	9	2		
Welsh Power Plant	Texas	6139	1	1,426	1,598	1,602	1,122	1,354	1,745
Welsh Power Plant	Texas	6139	2	1,310	1,490	1,425	1,521	1,564	1,536
Welsh Power Plant	Texas	6139	3	1,631	1,548	1,553	1,951	1,407	1,890
Wilkes Power Plant	Texas	3478	1	115	83	22	43	130	135
Wilkes Power Plant	Texas	3478	2	322	242	116	172	101	190
Wilkes Power Plant	Texas	3478	3	283	261	167	130	107	189
Winchester Power Park	Texas	56674	1					1	4

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
V H Braunig	Texas	3612	1	171					
V H Braunig	Texas	3612	2	131					
V H Braunig	Texas	3612	3	377					
V H Braunig	Texas	3612	CT01	64					
V H Braunig	Texas	3612	CT02	59					
Valley (TXU)	Texas	3508	1	108					
Valley (TXU)	Texas	3508	2	419					
Valley (TXU)	Texas	3508	3	170					
Victoria Power Station	Texas	3443	9	43					
W A Parish	Texas	3470	WAP1	80					
W A Parish	Texas	3470	WAP2	49					
W A Parish	Texas	3470	WAP3	175					
W A Parish	Texas	3470	WAP4	418					
W A Parish	Texas	3470	WAP5	635					
W A Parish	Texas	3470	WAP6	745					
W A Parish	Texas	3470	WAP7	1,263					
W A Parish	Texas	3470	WAP8	1,058					
W B Tuttle	Texas	3613	1	4					
W B Tuttle	Texas	3613	3	21					
W B Tuttle	Texas	3613	4	16					
Welsh Power Plant	Texas	6139	1	1,745					
Welsh Power Plant	Texas	6139	2	3,501					
Welsh Power Plant	Texas	6139	3	1,951					
Wilkes Power Plant	Texas	3478	1	135					
Wilkes Power Plant	Texas	3478	2	322					
Wilkes Power Plant	Texas	3478	3	322					
Winchester Power Park	Texas	56674	1	4					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
V H Braunig	Texas	3612	1			83	83
V H Braunig	Texas	3612	2			64	64
V H Braunig	Texas	3612	3			256	256
V H Braunig	Texas	3612	CT01			64	64
V H Braunig	Texas	3612	CT02			59	59
Valley (TXU)	Texas	3508	1			26	26
Valley (TXU)	Texas	3508	2			139	139
Valley (TXU)	Texas	3508	3			57	57
Victoria Power Station	Texas	3443	9			43	43
W A Parish	Texas	3470	WAP1			37	37
W A Parish	Texas	3470	WAP2			39	39
W A Parish	Texas	3470	WAP3			62	62
W A Parish	Texas	3470	WAP4			268	268
W A Parish	Texas	3470	WAP5			635	635
W A Parish	Texas	3470	WAP6			745	745
W A Parish	Texas	3470	WAP7			1,047	1,047
W A Parish	Texas	3470	WAP8			1,058	1,058
W B Tuttle	Texas	3613	1			1	1
W B Tuttle	Texas	3613	3			6	6
W B Tuttle	Texas	3613	4			5	5
Welsh Power Plant	Texas	6139	1			978	978
Welsh Power Plant	Texas	6139	2			953	953
Welsh Power Plant	Texas	6139	3			989	989
Wilkes Power Plant	Texas	3478	1			91	91
Wilkes Power Plant	Texas	3478	2			171	171
Wilkes Power Plant	Texas	3478	3			209	209
Winchester Power Park	Texas	56674	1			4	4

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reapportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reapportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reapportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reapportionment if BW < (CF and CL)
V H Braunig	Texas	3612	1	83	83	83	83
V H Braunig	Texas	3612	2	64	64	64	64
V H Braunig	Texas	3612	3	256	256	256	256
V H Braunig	Texas	3612	CT01	64	64	64	64
V H Braunig	Texas	3612	CT02	59	59	59	59
Valley (TXU)	Texas	3508	1	26	26	26	26
Valley (TXU)	Texas	3508	2	139	139	139	139
Valley (TXU)	Texas	3508	3	57	57	57	57
Victoria Power Station	Texas	3443	9	43	43	43	43
W A Parish	Texas	3470	WAP1	37	37	37	37
W A Parish	Texas	3470	WAP2	39	39	39	39
W A Parish	Texas	3470	WAP3	62	62	62	62
W A Parish	Texas	3470	WAP4	268	268	268	268
W A Parish	Texas	3470	WAP5	635	635	635	635
W A Parish	Texas	3470	WAP6	745	745	745	745
W A Parish	Texas	3470	WAP7	1,047	1,047	1,047	1,047
W A Parish	Texas	3470	WAP8	1,058	1,058	1,058	1,058
W B Tuttle	Texas	3613	1	1	1	1	1
W B Tuttle	Texas	3613	3	6	6	6	6
W B Tuttle	Texas	3613	4	5	5	5	5
Welsh Power Plant	Texas	6139	1	978	978	978	978
Welsh Power Plant	Texas	6139	2	953	953	953	953
Welsh Power Plant	Texas	6139	3	989	989	989	989
Wilkes Power Plant	Texas	3478	1	91	91	91	91
Wilkes Power Plant	Texas	3478	2	171	171	171	171
Wilkes Power Plant	Texas	3478	3	209	209	209	209
Winchester Power Park	Texas	56674	1	4	4	4	4

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
V H Braunig	Texas	3612	1	Y		Y	Y		
V H Braunig	Texas	3612	2	Y		Y	Y		
V H Braunig	Texas	3612	3	Y		Y	Y		
V H Braunig	Texas	3612	CT01	Y		Y	Y		
V H Braunig	Texas	3612	CT02	Y		Y	Y		
Valley (TXU)	Texas	3508	1	Y		Y	Y		
Valley (TXU)	Texas	3508	2	Y		Y	Y		
Valley (TXU)	Texas	3508	3	Y		Y	Y		
Victoria Power Station	Texas	3443	9	Y		Y	Y		
W A Parish	Texas	3470	WAP1	Y		Y	Y		
W A Parish	Texas	3470	WAP2	Y		Y	Y		
W A Parish	Texas	3470	WAP3	Y		Y	Y		
W A Parish	Texas	3470	WAP4	Y		Y	Y		
W A Parish	Texas	3470	WAP5	Y		Y	Y		
W A Parish	Texas	3470	WAP6	Y		Y	Y		
W A Parish	Texas	3470	WAP7	Y		Y	Y		
W A Parish	Texas	3470	WAP8	Y		Y	Y		
W B Tuttle	Texas	3613	1	Y		Y	Y		
W B Tuttle	Texas	3613	3	Y		Y	Y		
W B Tuttle	Texas	3613	4	Y		Y	Y		
Welsh Power Plant	Texas	6139	1	Y		Y	Y		
Welsh Power Plant	Texas	6139	2	Y		Y	Y		
Welsh Power Plant	Texas	6139	3	Y		Y	Y		
Wilkes Power Plant	Texas	3478	1	Y		Y	Y		
Wilkes Power Plant	Texas	3478	2	Y		Y	Y		
Wilkes Power Plant	Texas	3478	3	Y		Y	Y		
Winchester Power Park	Texas	56674	1	Y		Y	Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Annual Heat Input (mmBtu)	2007 Annual Heat Input (mmBtu)	2008 Annual Heat Input (mmBtu)	2009 Annual Heat Input (mmBtu)	2010 Annual Heat Input (mmBtu)
Calculation									
Winchester Power Park	Texas	56674	2	90318				121,079	491,489
Winchester Power Park	Texas	56674	3	90319				133,195	445,298
Winchester Power Park	Texas	56674	4	90320				125,625	367,562
Wise County Power Company, LLC	Texas	55320	GT-1	8524	11,596,481	8,704,312	13,164,405	14,693,850	14,218,365
Wise County Power Company, LLC	Texas	55320	GT-2	8526	12,049,163	10,730,483	13,363,013	15,652,925	13,757,071
Wolf Hollow I, LP	Texas	55139	CTG1	3981	14,508,881	11,534,972	14,289,199	11,171,231	8,889,763
Wolf Hollow I, LP	Texas	55139	CTG2	3982	14,280,419	14,495,276	13,765,069	11,672,698	12,839,563

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Annual SO ₂ 2012 State Budget for Existing Units (tons)	Annual SO ₂ 2014 State Budget for Existing Units (tons)
				Unit Level Average of 3 Highest Non-Zero Annual Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Annual Heat Input (mmBtu)	Unit 's Percentage Share of State's Annual Heat Input		
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L		
Winchester Power Park	Texas	56674	2	306,284	3,511,906,933	0.000087	279,747	279,747
Winchester Power Park	Texas	56674	3	289,247	3,511,906,933	0.000082	279,747	279,747
Winchester Power Park	Texas	56674	4	246,594	3,511,906,933	0.000070	279,747	279,747
Wise County Power Company, LLC	Texas	55320	GT-1	14,025,540	3,511,906,933	0.003994	279,747	279,747
Wise County Power Company, LLC	Texas	55320	GT-2	14,257,670	3,511,906,933	0.004060	279,747	279,747
Wolf Hollow I, LP	Texas	55139	CTG1	13,444,351	3,511,906,933	0.003828	279,747	279,747
Wolf Hollow I, LP	Texas	55139	CTG2	14,180,255	3,511,906,933	0.004038	279,747	279,747

Step 6

Plant Name	State	ORIS ID	Boiler ID	Annual NO _x 2012 State Budget for Existing Units (tons)	Annual NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 SO ₂ Allocation (tons)	Initial Heat Input Based 2014 SO ₂ Allocation (tons)	Initial Heat Input Based 2012 Annual NO _x Allocation (tons)	Initial Heat Input Based 2014 Annual NO _x Allocation (tons)
						Column M x column N	Column M x column O	Column M x column P	Column M x column Q
Winchester Power Park	Texas	56674	2	132,193	132,193	24	24	12	12
Winchester Power Park	Texas	56674	3	132,193	132,193	23	23	11	11
Winchester Power Park	Texas	56674	4	132,193	132,193	20	20	9	9
Wise County Power Company, LLC	Texas	55320	GT-1	132,193	132,193	1,117	1,117	528	528
Wise County Power Company, LLC	Texas	55320	GT-2	132,193	132,193	1,136	1,136	537	537
Wolf Hollow I, LP	Texas	55139	CTG1	132,193	132,193	1,071	1,071	506	506
Wolf Hollow I, LP	Texas	55139	CTG2	132,193	132,193	1,130	1,130	534	534

Plant Name	State	ORIS ID	Boiler ID	2003 Annual SO ₂ Emissions (tons)	2004 Annual SO ₂ Emissions (tons)	2005 Annual SO ₂ Emissions (tons)	2006 Annual SO ₂ Emissions (tons)	2007 Annual SO ₂ Emissions (tons)
Calculation								
Winchester Power Park	Texas	56674	2					
Winchester Power Park	Texas	56674	3					
Winchester Power Park	Texas	56674	4					
Wise County Power Company, LLC	Texas	55320	GT-1	0	3	4	3	3
Wise County Power Company, LLC	Texas	55320	GT-2	0	3	4	4	3
Wolf Hollow I, LP	Texas	55139	CTG1	2	3	4	4	3
Wolf Hollow I, LP	Texas	55139	CTG2	2	3	4	4	4

Plant Name	State	ORIS ID	Boiler ID	2008 Annual SO ₂ Emissions (tons)	2009 Annual SO ₂ Emissions (tons)	2010 Annual SO ₂ Emissions (tons)	Annual SO ₂ Maximum Historic Baseline (tons)	2012 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2013 Annual SO ₂ Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns V - AC		
Winchester Power Park	Texas	56674	2		0	0	0		
Winchester Power Park	Texas	56674	3		0	0	0		
Winchester Power Park	Texas	56674	4		0	0	0		
Wise County Power Company, LLC	Texas	55320	GT-1	4	4	4	4		
Wise County Power Company, LLC	Texas	55320	GT-2	4	5	4	5		
Wolf Hollow I, LP	Texas	55139	CTG1	4	3	3	4		
Wolf Hollow I, LP	Texas	55139	CTG2	4	3	4	4		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2015 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2016 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2017 Annual SO ₂ Consent Decree Cap (if applicable) (tons)	2003 Annual NO _x Emissions (tons)	2004 Annual NO _x Emissions (tons)
Calculation									
Winchester Power Park	Texas	56674	2						
Winchester Power Park	Texas	56674	3						
Winchester Power Park	Texas	56674	4						
Wise County Power Company, LLC	Texas	55320	GT-1					2	102
Wise County Power Company, LLC	Texas	55320	GT-2					13	97
Wolf Hollow I, LP	Texas	55139	CTG1					166	165
Wolf Hollow I, LP	Texas	55139	CTG2					82	127

Step 7

Plant Name	State	ORIS ID	Boiler ID	2005 Annual NO _x Emissions (tons)	2006 Annual NO _x Emissions (tons)	2007 Annual NO _x Emissions (tons)	2008 Annual NO _x Emissions (tons)	2009 Annual NO _x Emissions (tons)
Calculation								
Winchester Power Park	Texas	56674	2					2
Winchester Power Park	Texas	56674	3					1
Winchester Power Park	Texas	56674	4					2
Wise County Power Company, LLC	Texas	55320	GT-1	113	121	88	109	131
Wise County Power Company, LLC	Texas	55320	GT-2	114	112	107	108	134
Wolf Hollow I, LP	Texas	55139	CTG1	193	188	178	228	238
Wolf Hollow I, LP	Texas	55139	CTG2	175	183	198	189	194

Plant Name	State	ORIS ID	Boiler ID	2010 Annual NO _x Emissions (tons)	Annual NO _x Maximum Historic Baseline (tons)	2012 Annual NO _x Consent Decree Cap (if applicable) (tons)	2013 Annual NO _x Consent Decree Cap (if applicable) (tons)	2014 Annual NO _x Consent Decree Cap (if applicable) (tons)	2015 Annual NO _x Consent Decree Cap (if applicable) (tons)
					Highest value of columns AK - AR				
Calculation									
Winchester Power Park	Texas	56674	2	3	3				
Winchester Power Park	Texas	56674	3	3	3				
Winchester Power Park	Texas	56674	4	2	2				
Wise County Power Company, LLC	Texas	55320	GT-1	127	131				
Wise County Power Company, LLC	Texas	55320	GT-2	114	134				
Wolf Hollow I, LP	Texas	55139	CTG1	174	238				
Wolf Hollow I, LP	Texas	55139	CTG2	206	206				

Plant Name	State	ORIS ID	Boiler ID	2016 Annual NO _x Consent Decree Cap (if applicable) (tons)	2017 Annual NO _x Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2012 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2013 (tons)
Calculation						(Lesser of columns AD, AE, and R) + reapportionment if R < (AD and AE)	(Lesser of columns AD, AF, and R) + reapportionment if R < (AD and AF)
Winchester Power Park	Texas	56674	2				
Winchester Power Park	Texas	56674	3				
Winchester Power Park	Texas	56674	4				
Wise County Power Company, LLC	Texas	55320	GT-1				
Wise County Power Company, LLC	Texas	55320	GT-2				
Wolf Hollow I, LP	Texas	55139	CTG1				
Wolf Hollow I, LP	Texas	55139	CTG2				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level SO ₂ Allocation 2014 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2015 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2016 (tons)	Final Transport Rule Unit Level SO ₂ Allocation 2017 (tons)
				(Lesser of columns AD, AG, and S) + reappportionment if S < (AD and AG)	(Lesser of columns AD, AH, and S) + reappportionment if S < (AD and AH)	(Lesser of columns AD, AI, and S) + reappportionment if S < (AD and AI)	(Lesser of columns AD, AJ, and S) + reappportionment if S < (AD and AJ)
Calculation							
Winchester Power Park	Texas	56674	2				
Winchester Power Park	Texas	56674	3				
Winchester Power Park	Texas	56674	4				
Wise County Power Company, LLC	Texas	55320	GT-1				
Wise County Power Company, LLC	Texas	55320	GT-2				
Wolf Hollow I, LP	Texas	55139	CTG1				
Wolf Hollow I, LP	Texas	55139	CTG2				

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2015 (tons)
Calculation				(Lesser of columns AS, AT, and T) + reappportionment if T < (AS and AT)	(Lesser of columns AS, AU, and T) + reappportionment if T < (AS and AU)	(Lesser of columns AS, AV, and U) + reappportionment if U < (AS and AV)	(Lesser of columns AS, AW, and U) + reappportionment if U < (AS and AW)
Winchester Power Park	Texas	56674	2	3	3	3	3
Winchester Power Park	Texas	56674	3	3	3	3	3
Winchester Power Park	Texas	56674	4	2	2	2	2
Wise County Power Company, LLC	Texas	55320	GT-1	131	131	131	131
Wise County Power Company, LLC	Texas	55320	GT-2	134	134	134	134
Wolf Hollow I, LP	Texas	55139	CTG1	238	238	238	238
Wolf Hollow I, LP	Texas	55139	CTG2	206	206	206	206

				Step 1				
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Annual Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Annual Allocation 2017 (tons)	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)
Calculation				(Lesser of columns AS, AX, and U) + reappportionment if U < (AS and AX)	(Lesser of columns AS, AY, and U) + reappportionment if U < (AS and AY)			
Winchester Power Park	Texas	56674	2	3	3			
Winchester Power Park	Texas	56674	3	3	3			
Winchester Power Park	Texas	56674	4	2	2			
Wise County Power Company, LLC	Texas	55320	GT-1	131	131	6,087,030	4,078,513	6,570,293
Wise County Power Company, LLC	Texas	55320	GT-2	134	134	6,743,431	5,440,561	6,024,800
Wolf Hollow I, LP	Texas	55139	CTG1	238	238	7,428,515	5,878,582	5,915,465
Wolf Hollow I, LP	Texas	55139	CTG2	206	206	6,775,853	6,377,479	6,685,154

Plant Name	State	ORIS ID	Boiler ID	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)	Steps 2 & 3	Step 4	Step 5
						Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit's Percentage Share of State's Ozone Season Heat Input
Calculation						Average of three highest non-zero values in columns BL - BP	Sum column BQ values to get State level totals	Column BQ divided by column BR
Winchester Power Park	Texas	56674	2	120,350	254,653	187,502	1,726,255,329	0.000109
Winchester Power Park	Texas	56674	3	124,279	221,830	173,054	1,726,255,329	0.000100
Winchester Power Park	Texas	56674	4	116,373	172,465	144,419	1,726,255,329	0.000084
Wise County Power Company, LLC	Texas	55320	GT-1	6,953,419	6,468,140	6,663,950	1,726,255,329	0.003860
Wise County Power Company, LLC	Texas	55320	GT-2	7,403,563	6,681,140	6,942,711	1,726,255,329	0.004022
Wolf Hollow I, LP	Texas	55139	CTG1	5,871,437	5,528,982	6,407,521	1,726,255,329	0.003712
Wolf Hollow I, LP	Texas	55139	CTG2	6,099,602	5,923,905	6,612,829	1,726,255,329	0.003831

				Step 6					
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)
Calculation						Column BS x column BT	Column BS x column BU		
Winchester Power Park	Texas	56674	2	62,938	62,938	7	7		
Winchester Power Park	Texas	56674	3	62,938	62,938	6	6		
Winchester Power Park	Texas	56674	4	62,938	62,938	5	5		
Wise County Power Company, LLC	Texas	55320	GT-1	62,938	62,938	243	243		56
Wise County Power Company, LLC	Texas	55320	GT-2	62,938	62,938	253	253		57
Wolf Hollow I, LP	Texas	55139	CTG1	62,938	62,938	234	234	128	70
Wolf Hollow I, LP	Texas	55139	CTG2	62,938	62,938	241	241	45	68

Step 7

Plant Name	State	ORIS ID	Boiler ID	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)
Calculation									
Winchester Power Park	Texas	56674	2					2	1
Winchester Power Park	Texas	56674	3					1	1
Winchester Power Park	Texas	56674	4					2	1
Wise County Power Company, LLC	Texas	55320	GT-1	54	59	36	52	59	56
Wise County Power Company, LLC	Texas	55320	GT-2	56	58	52	48	62	52
Wolf Hollow I, LP	Texas	55139	CTG1	100	91	87	88	123	100
Wolf Hollow I, LP	Texas	55139	CTG2	99	85	86	88	92	94

					Step 8				
Plant Name	State	ORIS ID	Boiler ID	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	
Calculation				Highest value of columns BX - CE					
Winchester Power Park	Texas	56674	2	2					
Winchester Power Park	Texas	56674	3	1					
Winchester Power Park	Texas	56674	4	2					
Wise County Power Company, LLC	Texas	55320	GT-1	59					
Wise County Power Company, LLC	Texas	55320	GT-2	62					
Wolf Hollow I, LP	Texas	55139	CTG1	128					
Wolf Hollow I, LP	Texas	55139	CTG2	99					

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)
Calculation						(Lesser of columns CF, CG, and BV + reapportionment if BV < (CF and CG))	(Lesser of columns CF, CH, and BV + reapportionment if BV < (CF and CH))
Winchester Power Park	Texas	56674	2			2	2
Winchester Power Park	Texas	56674	3			1	1
Winchester Power Park	Texas	56674	4			2	2
Wise County Power Company, LLC	Texas	55320	GT-1			59	59
Wise County Power Company, LLC	Texas	55320	GT-2			62	62
Wolf Hollow I, LP	Texas	55139	CTG1			128	128
Wolf Hollow I, LP	Texas	55139	CTG2			99	99

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO_x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO_x Ozone Season Allocation 2015 (tons)	Final Transport Rule Unit Level NO_x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO_x Ozone Season Allocation 2017 (tons)
Calculation				(Lesser of columns CF, CI, and BW + reappportionment if BW < (CF and CI)	(Lesser of columns CF, CJ, and BW + reappportionment if BW < (CF and CJ)	(Lesser of columns CF, CK, and BW + reappportionment if BW < (CF and CK)	(Lesser of columns CF, CL, and BW + reappportionment if BW < (CF and CL)
Winchester Power Park	Texas	56674	2	2	2	2	2
Winchester Power Park	Texas	56674	3	1	1	1	1
Winchester Power Park	Texas	56674	4	2	2	2	2
Wise County Power Company, LLC	Texas	55320	GT-1	59	59	59	59
Wise County Power Company, LLC	Texas	55320	GT-2	62	62	62	62
Wolf Hollow I, LP	Texas	55139	CTG1	128	128	128	128
Wolf Hollow I, LP	Texas	55139	CTG2	99	99	99	99

				Data Flags					
Plant Name	State	ORIS ID	Boiler ID	Transport Rule Annual Program?	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation									
Winchester Power Park	Texas	56674	2	Y		Y	Y		
Winchester Power Park	Texas	56674	3	Y		Y	Y		
Winchester Power Park	Texas	56674	4	Y		Y	Y		
Wise County Power Company, LLC	Texas	55320	GT-1	Y		Y	Y		
Wise County Power Company, LLC	Texas	55320	GT-2	Y		Y	Y		
Wolf Hollow I, LP	Texas	55139	CTG1	Y		Y	Y		
Wolf Hollow I, LP	Texas	55139	CTG2	Y		Y	Y		